e-AWB performance monitoring

Top 100 Airports Overview – August 2019

To represent, lead and serve the airline industry
<table>
<thead>
<tr>
<th>Rank</th>
<th>Airport</th>
<th>City, Country</th>
<th>Rank</th>
<th>Airport</th>
<th>City, Country</th>
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<td>AMS</td>
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</table>
## eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
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<tbody>
<tr>
<td>AKL - Auckland Int'l</td>
<td>AKL - Auckland</td>
<td>NZ - New Zealand</td>
<td>Asia Pacific</td>
<td>Both</td>
<td></td>
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### Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th></th>
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<tbody>
<tr>
<td>Total AWB</td>
<td>9,132</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>2,590</td>
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<tr>
<td>eAWB Actual</td>
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<tr>
<td>eAWB Potential</td>
<td>1,440</td>
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### eAWB Penetration and Change vs Previous Month

<table>
<thead>
<tr>
<th></th>
<th>eAWB Penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auckland Int'l</td>
<td>44.4%</td>
<td>+7.5 p.p.</td>
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<tr>
<td>New Zealand</td>
<td>43.5%</td>
<td>+6.1 p.p.</td>
</tr>
<tr>
<td>Asia Pacific</td>
<td>63.7%</td>
<td>-0.3 p.p.</td>
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### Top Airlines by eAWB Penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KE - Korean Air</td>
<td>97.4%</td>
</tr>
<tr>
<td>2</td>
<td>CX - Cathay Pacific</td>
<td>80.2%</td>
</tr>
<tr>
<td>3</td>
<td>SQ - Singapore Airlines</td>
<td>65.5%</td>
</tr>
<tr>
<td>4</td>
<td>QR - Qatar Airways</td>
<td>51.7%</td>
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<tr>
<td>5</td>
<td>DL - Delta Air Lines</td>
<td>46.0%</td>
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<tr>
<td>6</td>
<td>TK - THY - Turkish Airlines</td>
<td>33.3%</td>
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<tr>
<td>7</td>
<td>5X - UPS Airlines</td>
<td>27.5%</td>
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<tr>
<td>8</td>
<td>CA - Air China</td>
<td>23.1%</td>
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<td>9</td>
<td>LX - SWISS</td>
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<tr>
<td>10</td>
<td>QF - Qantas</td>
<td>0.7%</td>
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### Top FF Groups by eAWB Penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>HELLMANN WORLDWIDE LOGISTICS</td>
<td>84.8%</td>
</tr>
<tr>
<td>2</td>
<td>FPS - FAMOUS PACIFIC SHIPPING</td>
<td>78.3%</td>
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<tr>
<td>3</td>
<td>MONDIALE FREIGHT SERVICES</td>
<td>73.0%</td>
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<tr>
<td>4</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>72.2%</td>
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<tr>
<td>5</td>
<td>SCHENKER</td>
<td>66.0%</td>
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<td>DHL EXPRESS</td>
<td>60.1%</td>
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<td>7</td>
<td>NEW ZEALAND POST</td>
<td>50.0%</td>
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<td>8</td>
<td>AION CARGO SOLUTIONS</td>
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<td>TOLL GROUP</td>
<td>43.4%</td>
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<tr>
<td>10</td>
<td>KUEHNE + NAGEL</td>
<td>33.6%</td>
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### Airport eAWB Penetration over Past 12 Months

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<th>eAWB Penetration %</th>
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<td>44.4%</td>
</tr>
<tr>
<td>Sep '18</td>
<td>0%</td>
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<tr>
<td>Oct '18</td>
<td>20.2%</td>
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<tr>
<td>Nov '18</td>
<td>32%</td>
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<tr>
<td>Dec '18</td>
<td>35.6%</td>
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<tr>
<td>Jan '19</td>
<td>38%</td>
</tr>
<tr>
<td>Feb '19</td>
<td>40.7%</td>
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<tr>
<td>Mar '19</td>
<td>43.5%</td>
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<tr>
<td>Apr '19</td>
<td>46%</td>
</tr>
<tr>
<td>May '19</td>
<td>49.4%</td>
</tr>
<tr>
<td>Jun '19</td>
<td>52.2%</td>
</tr>
<tr>
<td>Jul '19</td>
<td>54.3%</td>
</tr>
<tr>
<td>Aug '19</td>
<td>56.6%</td>
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</table>

### MeA and eAWB Status at Airport

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<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB %</th>
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<tr>
<td>Airlines</td>
<td>32</td>
<td>25</td>
<td>78.1%</td>
<td>10</td>
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<tr>
<td>FF Groups</td>
<td>53</td>
<td>30</td>
<td>56.6%</td>
<td>28</td>
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</table>
# eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
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<tr>
<td>AMS - Schiphol Airport</td>
<td>SPL - Amsterdam</td>
<td>NL - Netherlands</td>
<td>Europe</td>
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### Volume

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<th>Description</th>
<th>Value</th>
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<tr>
<td>Total AWB</td>
<td>60,349</td>
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<tr>
<td>eAWB Network</td>
<td>44,137</td>
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<td>eAWB Actual</td>
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### eAWB Penetration and Change vs Previous Month

<table>
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<td>Schiphol Airport</td>
<td>69.0%</td>
<td>+1.2 p.p.</td>
</tr>
<tr>
<td>Netherlands</td>
<td>69.0%</td>
<td>+1.2 p.p.</td>
</tr>
<tr>
<td>Europe</td>
<td>59.4%</td>
<td>+3.7 p.p.</td>
</tr>
</tbody>
</table>

### Airport eAWB Penetration over Past 12 Months

![Graph showing eAWB penetration over past 12 months with 69.0% on Aug '19.](image)

### Top Airlines by eAWB Penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KE - Korean Air</td>
<td>98.8%</td>
</tr>
<tr>
<td>2</td>
<td>KL - KLM</td>
<td>94.2%</td>
</tr>
<tr>
<td>3</td>
<td>AA - American Airlines</td>
<td>90.4%</td>
</tr>
<tr>
<td>4</td>
<td>AF - Air France</td>
<td>89.9%</td>
</tr>
<tr>
<td>5</td>
<td>DL - Delta Air Lines</td>
<td>87.7%</td>
</tr>
<tr>
<td>6</td>
<td>SQ - Singapore Airlines</td>
<td>84.8%</td>
</tr>
<tr>
<td>7</td>
<td>CX - Cathay Pacific</td>
<td>74.0%</td>
</tr>
<tr>
<td>8</td>
<td>CI - China Airlines</td>
<td>72.5%</td>
</tr>
<tr>
<td>9</td>
<td>QR - Qatar Airways</td>
<td>65.8%</td>
</tr>
<tr>
<td>10</td>
<td>IB - IAG - IBERIA</td>
<td>61.0%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB Penetration (from Top 20 by Volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AVI AIR</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>BEST GLOBAL LOGISTICS</td>
<td>94.9%</td>
</tr>
<tr>
<td>3</td>
<td>COPEX AIR CARGO</td>
<td>94.7%</td>
</tr>
<tr>
<td>4</td>
<td>RHENUS AIR</td>
<td>93.7%</td>
</tr>
<tr>
<td>5</td>
<td>VCK LOGISTICS AIRFREIGHT</td>
<td>92.4%</td>
</tr>
<tr>
<td>6</td>
<td>EXPEDITORS GROUP</td>
<td>92.2%</td>
</tr>
<tr>
<td>7</td>
<td>HELLMANN WORLDWIDE LOGISTICS</td>
<td>88.9%</td>
</tr>
<tr>
<td>8</td>
<td>BOLLORE</td>
<td>87.5%</td>
</tr>
<tr>
<td>9</td>
<td>GEODIS</td>
<td>87.2%</td>
</tr>
<tr>
<td>10</td>
<td>SCHENKER</td>
<td>87.1%</td>
</tr>
</tbody>
</table>

### MeA and eAWB Status at Airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>64</td>
<td>51</td>
<td>60.7%</td>
<td>24</td>
</tr>
<tr>
<td>FF Groups</td>
<td>273</td>
<td>156</td>
<td>57.1%</td>
<td>192</td>
</tr>
</tbody>
</table>

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## eAWB Airport Overview - August 2019

### Volume

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARN - Arlanda</td>
<td>STO - Stockholm</td>
<td>SE - Sweden</td>
<td>Europe</td>
<td>Both</td>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Volume</th>
<th>eAWB penetration and change vs previous month</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>5,748</td>
<td>Arlanda: 60.7% (+3.5 p.p.)</td>
<td>1,849</td>
<td>1,197</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>3,046</td>
<td>Sweden: 63.7% (+4.3 p.p.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>1,849</td>
<td>Europe: 59.4% (+3.7 p.p.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>1,197</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AF - Air France</td>
<td>94.4%</td>
</tr>
<tr>
<td>2</td>
<td>KE - Korean Air</td>
<td>91.3%</td>
</tr>
<tr>
<td>3</td>
<td>KL - KLM</td>
<td>88.6%</td>
</tr>
<tr>
<td>4</td>
<td>LH - Lufthansa Cargo</td>
<td>80.6%</td>
</tr>
<tr>
<td>5</td>
<td>SQ - Singapore Airlines</td>
<td>79.5%</td>
</tr>
<tr>
<td>6</td>
<td>QR - Qatar Airways</td>
<td>75.9%</td>
</tr>
<tr>
<td>7</td>
<td>DL - Delta Air Lines</td>
<td>65.3%</td>
</tr>
<tr>
<td>8</td>
<td>CX - Cathay Pacific</td>
<td>63.3%</td>
</tr>
<tr>
<td>9</td>
<td>BA - IAG - British Airways</td>
<td>62.9%</td>
</tr>
<tr>
<td>10</td>
<td>IB - IAG - IBERIA</td>
<td>56.7%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>95.2%</td>
</tr>
<tr>
<td>2</td>
<td>CEVA GROUP</td>
<td>91.5%</td>
</tr>
<tr>
<td>3</td>
<td>GEODIS</td>
<td>84.1%</td>
</tr>
<tr>
<td>4</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>83.5%</td>
</tr>
<tr>
<td>5</td>
<td>ITS INDEPENDENT TRANSPORT &amp; SHP</td>
<td>72.0%</td>
</tr>
<tr>
<td>6</td>
<td>GLOBAL FREIGHT SOLUTION</td>
<td>68.4%</td>
</tr>
<tr>
<td>7</td>
<td>AGILITY</td>
<td>65.9%</td>
</tr>
<tr>
<td>8</td>
<td>KUEHNE + NAGEL</td>
<td>65.1%</td>
</tr>
<tr>
<td>9</td>
<td>DSV AIR &amp; SEA</td>
<td>64.9%</td>
</tr>
<tr>
<td>10</td>
<td>EXPEDITORS GROUP</td>
<td>62.5%</td>
</tr>
</tbody>
</table>

### Airport eAWB penetration over past 12 months

- Aug '18: 60.7%
- Sep '18: 63.7%
- Oct '18: 59.4%
- Nov '18: 60.0%
- Dec '18: 60.3%
- Jan '19: 60.5%
- Feb '19: 61.0%
- Mar '19: 61.3%
- Apr '19: 61.5%
- May '19: 61.8%
- Jun '19: 62.0%
- Jul '19: 62.2%
- Aug '19: 62.4%

### MeA and eAWB status at airport

- Airlines: 48, Count: 37, Signed MeA: 77.1%, % Who Does eAWB: 68.8%
- FF Groups: 64, Count: 55, Signed MeA: 85.9%, % Who Does eAWB: 68.8%
# eAWB Airport Overview - August 2019

## Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>(e)AWB</td>
<td>5,307</td>
<td>3,130</td>
<td>868</td>
<td>2,262</td>
</tr>
</tbody>
</table>

## eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eleftherios Venizelos</td>
<td>27.7%</td>
<td>+0.9 p.p.</td>
</tr>
<tr>
<td>Greece</td>
<td>27.7%</td>
<td>+0.8 p.p.</td>
</tr>
<tr>
<td>Europe</td>
<td>59.4%</td>
<td>+3.7 p.p.</td>
</tr>
</tbody>
</table>

## Airport eAWB penetration over past 12 months

![Graph showing airport eAWB penetration over past 12 months]

## Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KL - KLM</td>
<td>54.4%</td>
</tr>
<tr>
<td>2</td>
<td>LX - SWISS</td>
<td>39.8%</td>
</tr>
<tr>
<td>3</td>
<td>DL - Delta Air Lines</td>
<td>38.2%</td>
</tr>
<tr>
<td>4</td>
<td>AF - Air France</td>
<td>37.8%</td>
</tr>
<tr>
<td>5</td>
<td>LH - Lufthansa Cargo</td>
<td>33.7%</td>
</tr>
<tr>
<td>6</td>
<td>QR - Qatar Airways</td>
<td>32.8%</td>
</tr>
<tr>
<td>7</td>
<td>SQ - Singapore Airlines</td>
<td>28.9%</td>
</tr>
<tr>
<td>8</td>
<td>TK - THY - Turkish Airlines</td>
<td>18.9%</td>
</tr>
<tr>
<td>9</td>
<td>5X - UPS Airlines</td>
<td>16.7%</td>
</tr>
<tr>
<td>10</td>
<td>IB - IAG - IBERIA</td>
<td>11.8%</td>
</tr>
</tbody>
</table>

## Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SCHENKER</td>
<td>87.0%</td>
</tr>
<tr>
<td>2</td>
<td>GOLDEN CARGO</td>
<td>78.1%</td>
</tr>
<tr>
<td>3</td>
<td>DSV AIR &amp; SEA</td>
<td>73.5%</td>
</tr>
<tr>
<td>4</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>65.9%</td>
</tr>
<tr>
<td>5</td>
<td>KUEHNE + NAGEL</td>
<td>51.2%</td>
</tr>
<tr>
<td>6</td>
<td>SKYWAY AIR CARGO</td>
<td>35.0%</td>
</tr>
<tr>
<td>7</td>
<td>AEROMET HELLAS</td>
<td>20.2%</td>
</tr>
<tr>
<td>8</td>
<td>BEINOGLOU INTL FORWARDERS</td>
<td>19.8%</td>
</tr>
<tr>
<td>9</td>
<td>GREEK AIR CARGO</td>
<td>19.2%</td>
</tr>
<tr>
<td>10</td>
<td>HELLAS LOGS</td>
<td>17.6%</td>
</tr>
</tbody>
</table>

## MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>24</td>
<td>19</td>
<td>79.2%</td>
<td>12</td>
<td>50.0%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>39</td>
<td>11</td>
<td>28.2%</td>
<td>15</td>
<td>38.5%</td>
</tr>
</tbody>
</table>
The Americas

USA - William B Hartsfield

Total AWB 22,517
eAWB Network 17,092
eAWB Actual 11,651
eAWB Potential 5,441

-0.3 p.p.
-0.3 p.p.
-0.2 p.p.

William B Hartsfield
USA
The Americas

68.2%
55.7%
50.6%

MeA and eAWB status at airport

Airlines

FF Groups

MeA

Count
Signed MeA
% Who Does eAWB
%

Who

Count
Signed MeA
% Who Does eAWB
%

Airlines

59
40
67.8%
21
35.6%

FF Groups

426
230
54.0%
200
46.9%

Top Airlines by eAWB penetration

1. AF - Air France
   eAWB Penetration %: 90.3%

2. DL - Delta Air Lines
   eAWB Penetration %: 90.2%

3. KL - KLM
   eAWB Penetration %: 88.9%

4. QR - Qatar Airways
   eAWB Penetration %: 88.5%

5. CX - Cathay Pacific
   eAWB Penetration %: 82.1%

6. LH - Lufthansa Cargo
   eAWB Penetration %: 79.5%

7. BR - EVA Air
   eAWB Penetration %: 68.8%

8. AA - American Airlines
   eAWB Penetration %: 63.3%

9. LX - SWISS
   eAWB Penetration %: 63.0%

10. CI - China Airlines
    eAWB Penetration %: 58.9%

Top FF Groups by eAWB penetration (from top 20 by volume)

1. DGF - DHL GLOBAL FORWARDING
   eAWB Penetration %: 95.1%

2. EXPEDITORS GROUP
   eAWB Penetration %: 91.1%

3. SCHENKER
   eAWB Penetration %: 90.6%

4. GEODIS
   eAWB Penetration %: 90.5%

5. UPS - UNITED PARCEL SERVICE
   eAWB Penetration %: 89.8%

6. YUSEN
   eAWB Penetration %: 89.4%

7. BOLLORE
   eAWB Penetration %: 89.4%

8. PANALPINA
   eAWB Penetration %: 86.4%

9. AGILITY
   eAWB Penetration %: 85.5%

10. CH ROBINSON
    eAWB Penetration %: 84.0%

Airport eAWB penetration over past 12 months

68.2%
# eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUH - Abu Dhabi Int'l</td>
<td>AUH - Abu Dhabi</td>
<td>AE - United Arab Emirates</td>
<td>Middle East</td>
<td>Both</td>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Volume</th>
<th>eAWB penetration and change vs previous month</th>
</tr>
</thead>
<tbody>
<tr>
<td>(e)AWB</td>
<td>eAWB penetration</td>
</tr>
<tr>
<td>Total AWB</td>
<td>2,171</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>1,767</td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>1,389</td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>378</td>
</tr>
</tbody>
</table>

- **Abu Dhabi Int'l**
  - eAWB penetration: 78.6%

- **United Arab Emirates**
  - eAWB penetration: 69.6%

- **Middle East**
  - eAWB penetration: 65.1%

## eAWB Airport Overview - August 2019

### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KL - KLM</td>
<td>86.4%</td>
</tr>
<tr>
<td>2</td>
<td>EY - Etihad Airways</td>
<td>81.0%</td>
</tr>
<tr>
<td>3</td>
<td>TK - THY - Turkish Airlines</td>
<td>81.0%</td>
</tr>
<tr>
<td>4</td>
<td>BA - IAG - British Airways</td>
<td>46.6%</td>
</tr>
<tr>
<td>5</td>
<td>5X - UPS Airlines</td>
<td>45.5%</td>
</tr>
<tr>
<td>6</td>
<td>CV - Cargolux</td>
<td>0.0%</td>
</tr>
<tr>
<td>7</td>
<td>CX - Cathay Pacific</td>
<td>0.0%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AL KHOORY INTL GROUP</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>AL QASEER CARGO SERVICES</td>
<td>100.0%</td>
</tr>
<tr>
<td>3</td>
<td>ARAMEX - ARAB AMERICAN EXPRESS</td>
<td>100.0%</td>
</tr>
<tr>
<td>4</td>
<td>RAJAB CARGO SERVICES</td>
<td>100.0%</td>
</tr>
<tr>
<td>5</td>
<td>AGILITY</td>
<td>100.0%</td>
</tr>
<tr>
<td>6</td>
<td>AL KUNABY SHIPPING AGENCIES</td>
<td>100.0%</td>
</tr>
<tr>
<td>7</td>
<td>SEA BREEZE AIR CARGO</td>
<td>100.0%</td>
</tr>
<tr>
<td>8</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>98.0%</td>
</tr>
<tr>
<td>9</td>
<td>EY - ETIHAD</td>
<td>97.1%</td>
</tr>
<tr>
<td>10</td>
<td>PIONEER GULF SERVICES</td>
<td>96.6%</td>
</tr>
</tbody>
</table>

### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>% Does eAWB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>11</td>
<td>100.0%</td>
<td>6</td>
</tr>
<tr>
<td>FF Groups</td>
<td>38</td>
<td>50.0%</td>
<td>26</td>
</tr>
</tbody>
</table>
eAWB Airport Overview - August 2019

Volume

<table>
<thead>
<tr>
<th>Volume</th>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>10,584</td>
<td>6,215</td>
<td>2,644</td>
<td>3,571</td>
<td></td>
</tr>
</tbody>
</table>

eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Region</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airport</td>
<td>42.5%</td>
<td>+3.0 p.p.</td>
</tr>
<tr>
<td>Spain and Canary Islands</td>
<td>50.4%</td>
<td>+1.9 p.p.</td>
</tr>
<tr>
<td>Europe</td>
<td>59.4%</td>
<td>+3.7 p.p.</td>
</tr>
</tbody>
</table>

Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KE - Korean Air</td>
<td>92.1%</td>
</tr>
<tr>
<td>2</td>
<td>QR - Qatar Airways</td>
<td>74.8%</td>
</tr>
<tr>
<td>3</td>
<td>AF - Air France</td>
<td>67.6%</td>
</tr>
<tr>
<td>4</td>
<td>KL - KLM</td>
<td>62.7%</td>
</tr>
<tr>
<td>5</td>
<td>DL - Delta Air Lines</td>
<td>56.9%</td>
</tr>
<tr>
<td>6</td>
<td>MK - Air Mauritius</td>
<td>55.8%</td>
</tr>
<tr>
<td>7</td>
<td>AA - American Airlines</td>
<td>52.3%</td>
</tr>
<tr>
<td>8</td>
<td>LX - SWISS</td>
<td>50.2%</td>
</tr>
<tr>
<td>9</td>
<td>LH - Lufthansa Cargo</td>
<td>49.5%</td>
</tr>
<tr>
<td>10</td>
<td>AC - Air Canada</td>
<td>42.6%</td>
</tr>
</tbody>
</table>

Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>FLF - FASHION LOGISTIC FORWARDERS (INDITEX)</td>
<td>95.5%</td>
</tr>
<tr>
<td>2</td>
<td>BOLLORE</td>
<td>93.5%</td>
</tr>
<tr>
<td>3</td>
<td>EXPEDITORS GROUP</td>
<td>87.8%</td>
</tr>
<tr>
<td>4</td>
<td>GEODIS</td>
<td>87.6%</td>
</tr>
<tr>
<td>5</td>
<td>PANALPINA</td>
<td>85.5%</td>
</tr>
<tr>
<td>6</td>
<td>SCHENKER</td>
<td>82.0%</td>
</tr>
<tr>
<td>7</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>77.3%</td>
</tr>
<tr>
<td>8</td>
<td>KUEHNE + NAGEL</td>
<td>71.7%</td>
</tr>
<tr>
<td>9</td>
<td>HELLMANN WORLDWIDE LOGISTICS</td>
<td>71.4%</td>
</tr>
<tr>
<td>10</td>
<td>NIPPON EXPRESS</td>
<td>70.6%</td>
</tr>
</tbody>
</table>

MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>% Does eAWB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>62</td>
<td>39</td>
<td>62.9%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>158</td>
<td>63</td>
<td>39.9%</td>
</tr>
</tbody>
</table>
## eAWB Airport Overview - August 2019

### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Airport</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bangkok Int’l</td>
<td>54.0%</td>
<td>+1.6 p.p.</td>
</tr>
<tr>
<td>Thailand</td>
<td>53.6%</td>
<td>+1.6 p.p.</td>
</tr>
<tr>
<td>Asia Pacific</td>
<td>63.7%</td>
<td>-0.3 p.p.</td>
</tr>
</tbody>
</table>

### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>QR - Qatar Airways</td>
<td>95.9%</td>
</tr>
<tr>
<td>2</td>
<td>CX - Cathay Pacific</td>
<td>95.8%</td>
</tr>
<tr>
<td>3</td>
<td>KL - KLM</td>
<td>94.4%</td>
</tr>
<tr>
<td>4</td>
<td>LX - SWISS</td>
<td>85.9%</td>
</tr>
<tr>
<td>5</td>
<td>AF - Air France</td>
<td>85.6%</td>
</tr>
<tr>
<td>6</td>
<td>LH - Lufthansa Cargo</td>
<td>83.4%</td>
</tr>
<tr>
<td>7</td>
<td>DL - Delta Air Lines</td>
<td>79.5%</td>
</tr>
<tr>
<td>8</td>
<td>NH - All Nippon Airways</td>
<td>70.7%</td>
</tr>
<tr>
<td>9</td>
<td>BR - EVA Air</td>
<td>69.7%</td>
</tr>
<tr>
<td>10</td>
<td>TK - THY - Turkish Airlines</td>
<td>65.5%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>YUSEN</td>
<td>82.5%</td>
</tr>
<tr>
<td>2</td>
<td>KWE - KINTETSU WORLD EXPRESS</td>
<td>82.3%</td>
</tr>
<tr>
<td>3</td>
<td>EXPEDITORS GROUP</td>
<td>81.8%</td>
</tr>
<tr>
<td>4</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>78.7%</td>
</tr>
<tr>
<td>5</td>
<td>AGILITY</td>
<td>78.5%</td>
</tr>
<tr>
<td>6</td>
<td>PANALPINA</td>
<td>76.1%</td>
</tr>
<tr>
<td>7</td>
<td>DSV AIR &amp; SEA</td>
<td>74.9%</td>
</tr>
<tr>
<td>8</td>
<td>NIPPON EXPRESS</td>
<td>74.0%</td>
</tr>
<tr>
<td>9</td>
<td>SCHENKER</td>
<td>73.2%</td>
</tr>
<tr>
<td>10</td>
<td>HANKYU HANSHIN EXPRESS</td>
<td>71.6%</td>
</tr>
</tbody>
</table>

### Airport eAWB penetration over past 12 months

![Graph showing eAWB penetration over past 12 months](image)

### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>% Does eAWB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>37</td>
<td>35</td>
<td>94.6%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>119</td>
<td>68</td>
<td>57.1%</td>
</tr>
</tbody>
</table>
# eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLL - Billund</td>
<td>BLL - Billund</td>
<td>DK - Denmark</td>
<td>Europe</td>
<td>Both</td>
<td>SOP</td>
</tr>
</tbody>
</table>

## Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5,091</td>
<td>3,241</td>
<td>2,160</td>
<td>1,081</td>
</tr>
</tbody>
</table>

## eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Airport</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Billund</td>
<td>66.6%</td>
<td>+5.8 p.p.</td>
</tr>
<tr>
<td>Denmark</td>
<td>67.3%</td>
<td>+5.9 p.p.</td>
</tr>
<tr>
<td>Europe</td>
<td>59.4%</td>
<td>+3.7 p.p.</td>
</tr>
</tbody>
</table>

## Airport eAWB penetration over past 12 months

<table>
<thead>
<tr>
<th>Month</th>
<th>eAWB penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug '18</td>
<td>66.9%</td>
</tr>
<tr>
<td>Sep '18</td>
<td>67.3%</td>
</tr>
<tr>
<td>Oct '18</td>
<td>67.3%</td>
</tr>
<tr>
<td>Nov '18</td>
<td>67.3%</td>
</tr>
<tr>
<td>Dec '18</td>
<td>67.3%</td>
</tr>
<tr>
<td>Jan '19</td>
<td>67.3%</td>
</tr>
<tr>
<td>Feb '19</td>
<td>67.3%</td>
</tr>
<tr>
<td>Mar '19</td>
<td>67.3%</td>
</tr>
<tr>
<td>Apr '19</td>
<td>67.3%</td>
</tr>
<tr>
<td>May '19</td>
<td>67.3%</td>
</tr>
<tr>
<td>Jun '19</td>
<td>67.3%</td>
</tr>
<tr>
<td>Jul '19</td>
<td>67.3%</td>
</tr>
<tr>
<td>Aug '19</td>
<td>66.6%</td>
</tr>
</tbody>
</table>

## Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KL - KLM</td>
<td>95.7%</td>
</tr>
<tr>
<td>2</td>
<td>AF - Air France</td>
<td>90.1%</td>
</tr>
<tr>
<td>3</td>
<td>QR - Qatar Airways</td>
<td>89.2%</td>
</tr>
<tr>
<td>4</td>
<td>DL - Delta Air Lines</td>
<td>81.1%</td>
</tr>
<tr>
<td>5</td>
<td>KE - Korean Air</td>
<td>80.0%</td>
</tr>
<tr>
<td>6</td>
<td>LH - Lufthansa Cargo</td>
<td>76.8%</td>
</tr>
<tr>
<td>7</td>
<td>SQ - Singapore Airlines</td>
<td>74.5%</td>
</tr>
<tr>
<td>8</td>
<td>AA - American Airlines</td>
<td>54.1%</td>
</tr>
<tr>
<td>9</td>
<td>CX - Cathay Pacific</td>
<td>50.0%</td>
</tr>
<tr>
<td>10</td>
<td>TK - THY - Turkish Airlines</td>
<td>49.2%</td>
</tr>
</tbody>
</table>

## Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DHL</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>SCAN GLOBAL LOGISTIC</td>
<td>100.0%</td>
</tr>
<tr>
<td>3</td>
<td>DSV AIR &amp; SEA</td>
<td>88.6%</td>
</tr>
<tr>
<td>4</td>
<td>SCHENKER</td>
<td>85.1%</td>
</tr>
<tr>
<td>5</td>
<td>GEODIS</td>
<td>81.4%</td>
</tr>
<tr>
<td>6</td>
<td>KUEHNE + NAGEL</td>
<td>76.7%</td>
</tr>
<tr>
<td>7</td>
<td>STRAIT AIR TRSPT</td>
<td>71.9%</td>
</tr>
<tr>
<td>8</td>
<td>LEMAN INTL SYSTEM TRANSPORT</td>
<td>70.8%</td>
</tr>
<tr>
<td>9</td>
<td>BLUE WATER SHIPPING</td>
<td>67.2%</td>
</tr>
<tr>
<td>10</td>
<td>INTER-SCAN AIRFREIGHT</td>
<td>66.7%</td>
</tr>
</tbody>
</table>

## MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>MeA Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>% Who</th>
<th>Does eAWB</th>
<th>% Does eAWB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>44</td>
<td>37</td>
<td>84.1%</td>
<td>17</td>
<td>38.6%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>54</td>
<td>45</td>
<td>83.3%</td>
<td>34</td>
<td>63.0%</td>
</tr>
</tbody>
</table>

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## eAWB Airport Overview - August 2019

### Volume

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLR - Hindustan</td>
<td>BLR - Bengaluru</td>
<td>IN - India</td>
<td>Asia Pacific</td>
<td>MC99</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Volume</th>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5,103</td>
<td>5,010</td>
<td>4,013</td>
<td>997</td>
<td></td>
</tr>
</tbody>
</table>

### eAWB Penetration and Change vs Previous Month

<table>
<thead>
<tr>
<th>Region/Country</th>
<th>eAWB Penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hindustan</td>
<td>80.1%</td>
<td>+5.4 p.p.</td>
</tr>
<tr>
<td>India</td>
<td>72.9%</td>
<td>+8.3 p.p.</td>
</tr>
<tr>
<td>Asia Pacific</td>
<td>63.7%</td>
<td>-0.3 p.p.</td>
</tr>
</tbody>
</table>

### Top Airlines by eAWB Penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CX - Cathay Pacific</td>
<td>98.7%</td>
</tr>
<tr>
<td>2</td>
<td>SQ - Singapore Airlines</td>
<td>95.6%</td>
</tr>
<tr>
<td>3</td>
<td>QR - Qatar Airways</td>
<td>94.5%</td>
</tr>
<tr>
<td>4</td>
<td>BA - IAG - British Airways</td>
<td>84.5%</td>
</tr>
<tr>
<td>5</td>
<td>AF - Air France</td>
<td>69.9%</td>
</tr>
<tr>
<td>6</td>
<td>TK - THY - Turkish Airlines</td>
<td>60.2%</td>
</tr>
<tr>
<td>7</td>
<td>5X - UPS Airlines</td>
<td>54.6%</td>
</tr>
<tr>
<td>8</td>
<td>EY - Elhad Airways</td>
<td>33.9%</td>
</tr>
<tr>
<td>9</td>
<td>MK - Air Mauritius</td>
<td>32.4%</td>
</tr>
<tr>
<td>10</td>
<td>DL - Delta Air Lines</td>
<td>19.4%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB Penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DHL EXPRESS</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>100.0%</td>
</tr>
<tr>
<td>3</td>
<td>KWE - KINETSU WORLD EXPRESS</td>
<td>99.2%</td>
</tr>
<tr>
<td>4</td>
<td>CEVA GROUP</td>
<td>97.9%</td>
</tr>
<tr>
<td>5</td>
<td>EXPEDITORS GROUP</td>
<td>97.8%</td>
</tr>
<tr>
<td>6</td>
<td>SCHENKER</td>
<td>97.1%</td>
</tr>
<tr>
<td>7</td>
<td>EXPO FREIGHT</td>
<td>96.8%</td>
</tr>
<tr>
<td>8</td>
<td>SKYWAYS AIR SERVICES</td>
<td>96.5%</td>
</tr>
<tr>
<td>9</td>
<td>JEENA &amp; CO</td>
<td>95.3%</td>
</tr>
<tr>
<td>10</td>
<td>BOLLORE</td>
<td>94.5%</td>
</tr>
</tbody>
</table>

### MeA and eAWB Status at Airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed</th>
<th>%</th>
<th>Does eAWB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>15</td>
<td>15</td>
<td>100.0%</td>
<td>11</td>
</tr>
<tr>
<td>FF Groups</td>
<td>99</td>
<td>82</td>
<td>82.8%</td>
<td>63</td>
</tr>
</tbody>
</table>
**eAWB Airport Overview - August 2019**

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>BNE - Brisbane Int'l</td>
<td>BNE - Brisbane</td>
<td>AU - Australia</td>
<td>Asia Pacific</td>
<td>Both</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**Volume**

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>(e)AWB</td>
<td>7,055</td>
<td>3,662</td>
<td>2,137</td>
<td>1,525</td>
</tr>
</tbody>
</table>

**eAWB penetration and change vs previous month**

<table>
<thead>
<tr>
<th>City/Region</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brisbane Int'l</td>
<td>58.4%</td>
<td>+8.9 p.p.</td>
</tr>
<tr>
<td>Australia</td>
<td>60.2%</td>
<td>+5.0 p.p.</td>
</tr>
<tr>
<td>Asia Pacific</td>
<td>63.7%</td>
<td>-0.3 p.p.</td>
</tr>
</tbody>
</table>

**Top Airlines by eAWB penetration**

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KE - Korean Air</td>
<td>99.3%</td>
</tr>
<tr>
<td>2</td>
<td>CX - Cathay Pacific</td>
<td>93.9%</td>
</tr>
<tr>
<td>3</td>
<td>SO - Singapore Airlines</td>
<td>82.9%</td>
</tr>
<tr>
<td>4</td>
<td>EY - Etihad Airways</td>
<td>69.2%</td>
</tr>
<tr>
<td>5</td>
<td>DL - Delta Air Lines</td>
<td>58.7%</td>
</tr>
<tr>
<td>6</td>
<td>5X - UPS Airlines</td>
<td>52.0%</td>
</tr>
<tr>
<td>7</td>
<td>AC - Air Canada</td>
<td>43.5%</td>
</tr>
<tr>
<td>8</td>
<td>QF - Qantas</td>
<td>41.3%</td>
</tr>
<tr>
<td>9</td>
<td>QR - Qatar Airways</td>
<td>38.1%</td>
</tr>
<tr>
<td>10</td>
<td>AA - American Airlines</td>
<td>35.7%</td>
</tr>
</tbody>
</table>

**Top FF Groups by eAWB penetration (from top 20 by volume)**

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>STS LOGISTICS</td>
<td>96.1%</td>
</tr>
<tr>
<td>2</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>95.8%</td>
</tr>
<tr>
<td>3</td>
<td>GEODIS</td>
<td>91.4%</td>
</tr>
<tr>
<td>4</td>
<td>BOLLORE</td>
<td>86.7%</td>
</tr>
<tr>
<td>5</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>85.8%</td>
</tr>
<tr>
<td>6</td>
<td>ITM - INTL TRADE MANAGEMENT</td>
<td>78.3%</td>
</tr>
<tr>
<td>7</td>
<td>WISEWAY LOGISTICS</td>
<td>72.5%</td>
</tr>
<tr>
<td>8</td>
<td>VISION INTERNATIONAL FORWARDING</td>
<td>69.9%</td>
</tr>
<tr>
<td>9</td>
<td>CT FREIGHT</td>
<td>69.7%</td>
</tr>
<tr>
<td>10</td>
<td>TNT</td>
<td>64.2%</td>
</tr>
</tbody>
</table>

**MeA and eAWB status at airport**

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>41</td>
<td>31</td>
<td>75.6%</td>
<td>12</td>
<td>29.3%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>102</td>
<td>73</td>
<td>71.6%</td>
<td>69</td>
<td>67.6%</td>
</tr>
</tbody>
</table>
## eAWB Airport Overview - August 2019

### Volume

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOG - Eldorado</td>
<td>BOG - Bogota</td>
<td>CO - Colombia</td>
<td>The Americas</td>
<td>Both</td>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Volume</th>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>12,415</td>
<td>7,088</td>
<td>1,853</td>
<td>5,235</td>
</tr>
</tbody>
</table>

### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colombia</td>
<td>26.5%</td>
<td>+15.1 p.p.</td>
</tr>
<tr>
<td>The Americas</td>
<td>50.6%</td>
<td>-0.2 p.p.</td>
</tr>
</tbody>
</table>

### Airport eAWB penetration over past 12 months

#### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DL - Delta Air Lines</td>
<td>88.5%</td>
</tr>
<tr>
<td>2</td>
<td>KE - Korean Air</td>
<td>52.2%</td>
</tr>
<tr>
<td>3</td>
<td>AV - AVIANCA</td>
<td>37.7%</td>
</tr>
<tr>
<td>4</td>
<td>KL - KLM</td>
<td>36.7%</td>
</tr>
<tr>
<td>5</td>
<td>IB - IAG - IBERIA</td>
<td>20.9%</td>
</tr>
<tr>
<td>6</td>
<td>AA - American Airlines</td>
<td>20.3%</td>
</tr>
<tr>
<td>7</td>
<td>LA - LAN Airlines</td>
<td>18.6%</td>
</tr>
<tr>
<td>8</td>
<td>5X - UPS Airlines</td>
<td>18.2%</td>
</tr>
<tr>
<td>9</td>
<td>AF - Air France</td>
<td>12.9%</td>
</tr>
<tr>
<td>10</td>
<td>CV - Cargolux</td>
<td>5.7%</td>
</tr>
</tbody>
</table>

#### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>EXPORTINTER - EXPORTACIONES INTL DE CARGA</td>
<td>92.8%</td>
</tr>
<tr>
<td>2</td>
<td>PANALPINA</td>
<td>52.3%</td>
</tr>
<tr>
<td>3</td>
<td>TRANSFLORA CARGO</td>
<td>31.1%</td>
</tr>
<tr>
<td>4</td>
<td>DSV AIR &amp; SEA</td>
<td>26.9%</td>
</tr>
<tr>
<td>5</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>25.2%</td>
</tr>
<tr>
<td>6</td>
<td>REAL CARGA</td>
<td>23.6%</td>
</tr>
<tr>
<td>7</td>
<td>CARGO LOGISTIC SYSTEMS</td>
<td>16.3%</td>
</tr>
<tr>
<td>8</td>
<td>EL DORADO AIR CARGO</td>
<td>10.9%</td>
</tr>
<tr>
<td>9</td>
<td>GEODIS</td>
<td>7.9%</td>
</tr>
<tr>
<td>10</td>
<td>COINTEXCARGO LOGISTICS SERVICES</td>
<td>4.8%</td>
</tr>
</tbody>
</table>

#### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA %</th>
<th>Does eAWB %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>33</td>
<td>75.8%</td>
<td>10</td>
</tr>
<tr>
<td>FF Groups</td>
<td>97</td>
<td>55.7%</td>
<td>20</td>
</tr>
</tbody>
</table>
## eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOM - Chhatrapati Shivaji</td>
<td>BOM - Mumbai</td>
<td>IN - India</td>
<td>Asia Pacific</td>
<td>MC99</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>(e)AWB</td>
<td>17,062</td>
<td>15,877</td>
<td>11,193</td>
<td>4,684</td>
</tr>
</tbody>
</table>

### eAWB Penetration and Change vs Previous Month

<table>
<thead>
<tr>
<th>Airport</th>
<th>eAWB Penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chhatrapati Shivaji</td>
<td>70.5%</td>
<td>+16.0 p.p.</td>
</tr>
<tr>
<td>India</td>
<td>72.9%</td>
<td>+8.3 p.p.</td>
</tr>
<tr>
<td>Asia Pacific</td>
<td>63.7%</td>
<td>-0.3 p.p.</td>
</tr>
</tbody>
</table>

### Top Airlines by eAWB Penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>QR - Qatar Airways</td>
<td>98.4%</td>
</tr>
<tr>
<td>2</td>
<td>CX - Cathay Pacific</td>
<td>98.3%</td>
</tr>
<tr>
<td>3</td>
<td>SQ - Singapore Airlines</td>
<td>89.9%</td>
</tr>
<tr>
<td>4</td>
<td>LX - SWISS</td>
<td>87.3%</td>
</tr>
<tr>
<td>5</td>
<td>BA - IAG - British Airways</td>
<td>84.4%</td>
</tr>
<tr>
<td>6</td>
<td>KL - KLM</td>
<td>67.6%</td>
</tr>
<tr>
<td>7</td>
<td>AF - Air France</td>
<td>66.7%</td>
</tr>
<tr>
<td>8</td>
<td>TK - THY - Turkish Airlines</td>
<td>45.6%</td>
</tr>
<tr>
<td>9</td>
<td>EY - Etihad Airways</td>
<td>42.7%</td>
</tr>
<tr>
<td>10</td>
<td>5X - UPS Airlines</td>
<td>42.7%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB Penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>MALCA-AMIT</td>
<td>99.8%</td>
</tr>
<tr>
<td>2</td>
<td>PENTA FREIGHT</td>
<td>97.4%</td>
</tr>
<tr>
<td>3</td>
<td>DHL EXPRESS</td>
<td>96.6%</td>
</tr>
<tr>
<td>4</td>
<td>AGILITY</td>
<td>94.0%</td>
</tr>
<tr>
<td>5</td>
<td>MAGNUM CARGO</td>
<td>92.4%</td>
</tr>
<tr>
<td>6</td>
<td>SKYWAYS AIR SERVICES</td>
<td>91.7%</td>
</tr>
<tr>
<td>7</td>
<td>SCHENKER</td>
<td>91.5%</td>
</tr>
<tr>
<td>8</td>
<td>EXPEDITORS GROUP</td>
<td>90.2%</td>
</tr>
<tr>
<td>9</td>
<td>BV CHINAI &amp; CO</td>
<td>88.9%</td>
</tr>
<tr>
<td>10</td>
<td>SKYLINK FREIGHT FORWARDERS</td>
<td>87.8%</td>
</tr>
</tbody>
</table>

### Airport eAWB Penetration over Past 12 Months

<table>
<thead>
<tr>
<th>Month</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug '18</td>
<td>70.5%</td>
</tr>
<tr>
<td>Sep '18</td>
<td>72.9%</td>
</tr>
<tr>
<td>Oct '18</td>
<td>63.7%</td>
</tr>
<tr>
<td>Nov '18</td>
<td>70.5%</td>
</tr>
<tr>
<td>Dec '18</td>
<td>72.9%</td>
</tr>
<tr>
<td>Jan '19</td>
<td>63.7%</td>
</tr>
<tr>
<td>Feb '19</td>
<td>70.5%</td>
</tr>
<tr>
<td>Mar '19</td>
<td>72.9%</td>
</tr>
<tr>
<td>Apr '19</td>
<td>63.7%</td>
</tr>
<tr>
<td>May '19</td>
<td>70.5%</td>
</tr>
<tr>
<td>Jun '19</td>
<td>72.9%</td>
</tr>
<tr>
<td>Jul '19</td>
<td>63.7%</td>
</tr>
<tr>
<td>Aug '19</td>
<td>70.5%</td>
</tr>
</tbody>
</table>

### MeA and eAWB Status at Airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>21</td>
<td>21</td>
<td>100.0%</td>
<td>16</td>
<td>76.2%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>160</td>
<td>102</td>
<td>63.7%</td>
<td>128</td>
<td>80.0%</td>
</tr>
</tbody>
</table>

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### eAWB Airport Overview - August 2019

#### Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>9,619</td>
<td>6,202</td>
<td>4,185</td>
<td>2,017</td>
</tr>
</tbody>
</table>

#### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Airport</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Logan International</td>
<td>67.5%</td>
<td>+2.8 p.p.</td>
</tr>
<tr>
<td>USA</td>
<td>55.7%</td>
<td>-0.3 p.p.</td>
</tr>
<tr>
<td>The Americas</td>
<td>50.6%</td>
<td>-0.2 p.p.</td>
</tr>
</tbody>
</table>

#### Airport eAWB penetration over past 12 months

- Aug '18: 67.5%
- Sep '18: 53.9%
- Oct '18: 0%
- Nov '18: 10%
- Dec '18: 20%
- Jan '19: 30%
- Feb '19: 40%
- Mar '19: 50%
- Apr '19: 60%
- May '19: 70%
- Jun '19: 80%
- Jul '19: 90%
- Aug '19: 100%

#### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KE - Korean Air</td>
<td>98.8%</td>
</tr>
<tr>
<td>2</td>
<td>DL - Delta Air Lines</td>
<td>86.2%</td>
</tr>
<tr>
<td>3</td>
<td>AF - Air France</td>
<td>85.5%</td>
</tr>
<tr>
<td>4</td>
<td>AA - American Airlines</td>
<td>82.4%</td>
</tr>
<tr>
<td>5</td>
<td>KL - KLM</td>
<td>76.9%</td>
</tr>
<tr>
<td>6</td>
<td>CX - Cathay Pacific</td>
<td>73.2%</td>
</tr>
<tr>
<td>7</td>
<td>AC - Air Canada</td>
<td>72.6%</td>
</tr>
<tr>
<td>8</td>
<td>TK - THY - Turkish Airlines</td>
<td>68.3%</td>
</tr>
<tr>
<td>9</td>
<td>LH - Lufthansa Cargo</td>
<td>66.5%</td>
</tr>
<tr>
<td>10</td>
<td>QR - Qatar Airways</td>
<td>65.7%</td>
</tr>
</tbody>
</table>

#### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>OCEANAIR</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>EXPEDITORS GROUP</td>
<td>100.0%</td>
</tr>
<tr>
<td>3</td>
<td>KUEHNE + NAGEL</td>
<td>100.0%</td>
</tr>
<tr>
<td>4</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>100.0%</td>
</tr>
<tr>
<td>5</td>
<td>BOLLORE</td>
<td>100.0%</td>
</tr>
<tr>
<td>6</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>100.0%</td>
</tr>
<tr>
<td>7</td>
<td>WORLDWIDE PERISHABLES ENTERPRISES</td>
<td>100.0%</td>
</tr>
<tr>
<td>8</td>
<td>EMD MILLIPORE</td>
<td>100.0%</td>
</tr>
<tr>
<td>9</td>
<td>RADIUS INTL</td>
<td>100.0%</td>
</tr>
<tr>
<td>10</td>
<td>DACHSER</td>
<td>100.0%</td>
</tr>
</tbody>
</table>

#### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>54</td>
<td>39</td>
<td>72.2%</td>
<td>19</td>
<td>35.2%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>259</td>
<td>147</td>
<td>56.8%</td>
<td>133</td>
<td>51.4%</td>
</tr>
</tbody>
</table>
**eAWB Airport Overview - August 2019**

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRU - National</td>
<td>BRU - Brussels</td>
<td>BE - Belgium</td>
<td>Europe</td>
<td>Both</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>23,093</td>
<td>15,991</td>
<td>8,466</td>
<td>7,525</td>
</tr>
</tbody>
</table>

### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>National</td>
<td>52.9%</td>
<td>+1.2 p.p.</td>
</tr>
<tr>
<td>Belgium</td>
<td>51.8%</td>
<td>+0.9 p.p.</td>
</tr>
<tr>
<td>Europe</td>
<td>59.4%</td>
<td>+3.7 p.p.</td>
</tr>
</tbody>
</table>

### Airport eAWB penetration over past 12 months

- **Aug '18:** 39.6%
- **Sep '18:** 40.0%
- **Oct '18:** 41.4%
- **Nov '18:** 42.7%
- **Dec '18:** 43.6%
- **Jan '19:** 44.5%
- **Feb '19:** 45.4%
- **Mar '19:** 46.3%
- **Apr '19:** 47.2%
- **May '19:** 48.1%
- **Jun '19:** 49.0%
- **Jul '19:** 50.9%
- **Aug '19:** 52.9%

### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KE - Korean Air</td>
<td>88.6%</td>
</tr>
<tr>
<td>2</td>
<td>KL - KLM</td>
<td>83.3%</td>
</tr>
<tr>
<td>3</td>
<td>AF - Air France</td>
<td>81.0%</td>
</tr>
<tr>
<td>4</td>
<td>AA - American Airlines</td>
<td>75.8%</td>
</tr>
<tr>
<td>5</td>
<td>QR - Qatar Airways</td>
<td>75.3%</td>
</tr>
<tr>
<td>6</td>
<td>SQ - Singapore Airlines</td>
<td>74.8%</td>
</tr>
<tr>
<td>7</td>
<td>IB - IAG - IBERIA</td>
<td>71.3%</td>
</tr>
<tr>
<td>8</td>
<td>CX - Cathay Pacific</td>
<td>66.7%</td>
</tr>
<tr>
<td>9</td>
<td>DL - Delta Air Lines</td>
<td>66.4%</td>
</tr>
<tr>
<td>10</td>
<td>CI - China Airlines</td>
<td>65.3%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>MALCA-AMIT</td>
<td>98.7%</td>
</tr>
<tr>
<td>2</td>
<td>EXPEDITORS GROUP</td>
<td>91.3%</td>
</tr>
<tr>
<td>3</td>
<td>SCHENKER</td>
<td>90.9%</td>
</tr>
<tr>
<td>4</td>
<td>GEODIS</td>
<td>82.3%</td>
</tr>
<tr>
<td>5</td>
<td>DSV Air &amp; SEA</td>
<td>73.0%</td>
</tr>
<tr>
<td>6</td>
<td>RHENUS AIR</td>
<td>70.9%</td>
</tr>
<tr>
<td>7</td>
<td>KUEHNE + NAGEL</td>
<td>67.4%</td>
</tr>
<tr>
<td>8</td>
<td>CEVA GROUP</td>
<td>66.1%</td>
</tr>
<tr>
<td>9</td>
<td>NIPPON EXPRESS</td>
<td>65.2%</td>
</tr>
<tr>
<td>10</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>63.8%</td>
</tr>
</tbody>
</table>

### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>70</td>
<td>46</td>
<td>65.7%</td>
<td>21</td>
</tr>
<tr>
<td>FF Groups</td>
<td>105</td>
<td>59</td>
<td>56.2%</td>
<td>66</td>
</tr>
</tbody>
</table>
## eAWB Airport Overview - August 2019

### Volume

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSL - EuroAirport Swiss</td>
<td>EAP - Basel/Mulhouse</td>
<td>CH - Switzerland</td>
<td>Europe</td>
<td>Both</td>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume</td>
<td>5,778</td>
<td>4,550</td>
<td>3,609</td>
<td>941</td>
</tr>
</tbody>
</table>

### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>eAWB penetration</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>EuroAirport Swiss</td>
<td>79.3%</td>
<td>+2.2 p.p.</td>
</tr>
<tr>
<td>Switzerland</td>
<td>65.1%</td>
<td>+6.6 p.p.</td>
</tr>
<tr>
<td>Europe</td>
<td>59.4%</td>
<td>+3.7 p.p.</td>
</tr>
</tbody>
</table>

### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KE - Korean Air</td>
<td>96.3%</td>
</tr>
<tr>
<td>2</td>
<td>SV - Saudi Arabian Airlines</td>
<td>94.3%</td>
</tr>
<tr>
<td>3</td>
<td>QR - Qatar Airways</td>
<td>91.4%</td>
</tr>
<tr>
<td>4</td>
<td>EY - Etihad Airways</td>
<td>90.0%</td>
</tr>
<tr>
<td>5</td>
<td>AC - Air Canada</td>
<td>87.6%</td>
</tr>
<tr>
<td>6</td>
<td>KL - KLM</td>
<td>87.6%</td>
</tr>
<tr>
<td>7</td>
<td>LH - Lufthansa Cargo</td>
<td>85.6%</td>
</tr>
<tr>
<td>8</td>
<td>SQ - Singapore Airlines</td>
<td>85.0%</td>
</tr>
<tr>
<td>9</td>
<td>AF - Air France</td>
<td>83.4%</td>
</tr>
<tr>
<td>10</td>
<td>LX - SWISS</td>
<td>72.2%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>FIEGE LOGISTICS</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>SCHENKER</td>
<td>100.0%</td>
</tr>
<tr>
<td>3</td>
<td>FIEGE</td>
<td>100.0%</td>
</tr>
<tr>
<td>4</td>
<td>PANALPINA</td>
<td>96.8%</td>
</tr>
<tr>
<td>5</td>
<td>STRECK TRSPT</td>
<td>93.9%</td>
</tr>
<tr>
<td>6</td>
<td>AGILITY</td>
<td>93.7%</td>
</tr>
<tr>
<td>7</td>
<td>AIRPHARM</td>
<td>92.5%</td>
</tr>
<tr>
<td>8</td>
<td>WORLD COURIER</td>
<td>90.9%</td>
</tr>
<tr>
<td>9</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>89.8%</td>
</tr>
<tr>
<td>10</td>
<td>LAMPRECHT TRANSPORT</td>
<td>75.6%</td>
</tr>
</tbody>
</table>

### Airport eAWB penetration over past 12 months

![Graph showing eAWB penetration over past 12 months, with a peak of 79.3% in Aug '19.]

### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>34</td>
<td>29</td>
<td>85.3%</td>
<td>17</td>
<td>50.0%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>51</td>
<td>31</td>
<td>60.8%</td>
<td>26</td>
<td>51.0%</td>
</tr>
</tbody>
</table>

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# eAWB Airport Overview - August 2019

## Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>4,329</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>3,431</td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>1,474</td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>1,957</td>
</tr>
</tbody>
</table>

## eAWB Penetration and Change vs Previous Month

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Ferihegy</td>
<td>43.0%</td>
<td>+1.9 p.p.</td>
</tr>
<tr>
<td>Hungary</td>
<td>43.0%</td>
<td>+1.9 p.p.</td>
</tr>
<tr>
<td>Europe</td>
<td>59.4%</td>
<td>+3.7 p.p.</td>
</tr>
</tbody>
</table>

## Top Airlines by eAWB Penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KL - KLM</td>
<td>97.1%</td>
</tr>
<tr>
<td>2</td>
<td>KE - Korean Air</td>
<td>90.9%</td>
</tr>
<tr>
<td>3</td>
<td>DL - Delta Air Lines</td>
<td>79.2%</td>
</tr>
<tr>
<td>4</td>
<td>QR - Qatar Airways</td>
<td>71.3%</td>
</tr>
<tr>
<td>5</td>
<td>TK - THY - Turkish Airlines</td>
<td>43.4%</td>
</tr>
<tr>
<td>6</td>
<td>LX - SWISS</td>
<td>28.7%</td>
</tr>
<tr>
<td>7</td>
<td>BA - IAG - British Airways</td>
<td>27.7%</td>
</tr>
<tr>
<td>8</td>
<td>IB - IAG - IBERIA</td>
<td>26.9%</td>
</tr>
<tr>
<td>9</td>
<td>LH - Lufthansa Cargo</td>
<td>25.0%</td>
</tr>
<tr>
<td>10</td>
<td>AA - American Airlines</td>
<td>24.8%</td>
</tr>
</tbody>
</table>

## Top FF Groups by eAWB Penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SCHENKER</td>
<td>91.0%</td>
</tr>
<tr>
<td>2</td>
<td>PANALPINA</td>
<td>84.8%</td>
</tr>
<tr>
<td>3</td>
<td>BOLLORE</td>
<td>74.3%</td>
</tr>
<tr>
<td>4</td>
<td>HELLMANN WORLDWIDE LOGISTICS</td>
<td>71.7%</td>
</tr>
<tr>
<td>5</td>
<td>EXPEDITORS GROUP</td>
<td>66.7%</td>
</tr>
<tr>
<td>6</td>
<td>AIRMAX CARGO</td>
<td>61.5%</td>
</tr>
<tr>
<td>7</td>
<td>CEVA GROUP</td>
<td>57.6%</td>
</tr>
<tr>
<td>8</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>53.1%</td>
</tr>
<tr>
<td>9</td>
<td>KUEHNE + NAGEL</td>
<td>51.0%</td>
</tr>
<tr>
<td>10</td>
<td>CARGO PARTNER</td>
<td>47.7%</td>
</tr>
</tbody>
</table>

## MeA and eAWB Status at Airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>30</td>
<td>26</td>
<td>86.7%</td>
<td>14</td>
<td>46.7%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>55</td>
<td>35</td>
<td>63.6%</td>
<td>39</td>
<td>70.9%</td>
</tr>
</tbody>
</table>
## eAWB Airport Overview - August 2019

### (e)AWB Summary
- **Total AWB**: 5,020
- **eAWB Network**: 1,849
- **eAWB Actual**: 561
- **eAWB Potential**: 1,288

### eAWB Penetration and Change vs Previous Month
- **Cairo Int’l**: 30.3% (30.3%, +10.2 p.p.)
- **Egypt**: 30.3% (30.3%, +10.2 p.p.)
- **Middle East**: 65.1% (-7.1 p.p.)

### Top Airlines by eAWB Penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AF - Air France</td>
<td>69.4%</td>
</tr>
<tr>
<td>2</td>
<td>ET - Ethiopian Airlines</td>
<td>40.9%</td>
</tr>
<tr>
<td>3</td>
<td>TK - THY - Turkish Airlines</td>
<td>39.5%</td>
</tr>
<tr>
<td>4</td>
<td>SV - Saudi Arabian Airlines</td>
<td>37.7%</td>
</tr>
<tr>
<td>5</td>
<td>LH - Lufthansa Cargo</td>
<td>30.0%</td>
</tr>
<tr>
<td>6</td>
<td>KL - KLM</td>
<td>20.8%</td>
</tr>
<tr>
<td>7</td>
<td>CV - Cargolux</td>
<td>2.3%</td>
</tr>
<tr>
<td>8</td>
<td>EY - Etihad Airways</td>
<td>0.0%</td>
</tr>
<tr>
<td>9</td>
<td>LX - SWISS</td>
<td>0.0%</td>
</tr>
<tr>
<td>10</td>
<td>WY - Oman Air</td>
<td>0.0%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB Penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>UTI</td>
<td>63.6%</td>
</tr>
<tr>
<td>2</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>58.7%</td>
</tr>
<tr>
<td>3</td>
<td>TABA FOR CARGO &amp; TRADING</td>
<td>53.5%</td>
</tr>
<tr>
<td>4</td>
<td>VENUS INTERNATIONAL TRANSPORT</td>
<td>47.3%</td>
</tr>
<tr>
<td>5</td>
<td>TIFFANY CARGO SYSTEMS</td>
<td>34.3%</td>
</tr>
<tr>
<td>6</td>
<td>AL ALI INTL SERVICES</td>
<td>32.2%</td>
</tr>
<tr>
<td>7</td>
<td>TRI-STAR CARGO SYSTEM</td>
<td>32.0%</td>
</tr>
<tr>
<td>8</td>
<td>DGL INTERNATIONAL</td>
<td>31.4%</td>
</tr>
<tr>
<td>9</td>
<td>AL HODA AIR CARGO</td>
<td>29.4%</td>
</tr>
<tr>
<td>10</td>
<td>BAROUN MISR FOR CARGO</td>
<td>26.6%</td>
</tr>
</tbody>
</table>

### MeA and eAWB Status at Airport
- **Who Signed MeA**: 41.2%
- **Count MeA Signed**: 7
- **% Does eAWB Airlines**: 82.4%
- **% Does eAWB FF Groups**: 30.3%

### Airport eAWB Penetration Over Past 12 Months

- **Aug '18**: 30.3%
- **Sep '18**: 30.3%
- **Oct '18**: 30.3%
- **Nov '18**: 30.3%
- **Dec '18**: 30.3%
- **Jan '19**: 30.3%
- **Feb '19**: 30.3%
- **Mar '19**: 30.3%
- **Apr '19**: 30.3%
- **May '19**: 30.3%
- **Jun '19**: 30.3%
- **Jul '19**: 30.3%
- **Aug '19**: 30.3%
# eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAN - Baiyun</td>
<td>CAN - Guangzhou</td>
<td>CN - People's Republic of China</td>
<td>North Asia</td>
<td>MC99</td>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Volume</th>
<th>(e)AWB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>35,964</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>27,999</td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>19,792</td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>8,207</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>eAWB penetration and change vs previous month</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airport</td>
</tr>
<tr>
<td>Baiyun</td>
</tr>
<tr>
<td>People's Republic of China</td>
</tr>
<tr>
<td>North Asia</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Top Airlines by eAWB penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rank</td>
</tr>
<tr>
<td>------</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>5</td>
</tr>
<tr>
<td>6</td>
</tr>
<tr>
<td>7</td>
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<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
<tr>
<td>10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Top FF Groups by eAWB penetration (from top 20 by volume)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rank</td>
</tr>
<tr>
<td>------</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
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<tr>
<td>4</td>
</tr>
<tr>
<td>5</td>
</tr>
<tr>
<td>6</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
<tr>
<td>10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MeA and eAWB status at airport</th>
</tr>
</thead>
<tbody>
<tr>
<td>Who</td>
</tr>
<tr>
<td>Airlines</td>
</tr>
<tr>
<td>FF Groups</td>
</tr>
</tbody>
</table>
### eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>CDG - Charles De Gaulle</td>
<td>PAR - Paris</td>
<td>FR - France</td>
<td>Europe</td>
<td>MC99</td>
<td>Yes</td>
</tr>
</tbody>
</table>

#### Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>46,206</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>31,544</td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>17,956</td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>13,588</td>
</tr>
</tbody>
</table>

#### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charles De Gaulle</td>
<td>56.9%</td>
<td>+1.2 p.p.</td>
</tr>
<tr>
<td>France</td>
<td>57.7%</td>
<td>+1.9 p.p.</td>
</tr>
<tr>
<td>Europe</td>
<td>59.4%</td>
<td>+3.7 p.p.</td>
</tr>
</tbody>
</table>

#### Airport eAWB penetration over past 12 months

#### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KE - Korean Air</td>
<td>82.6%</td>
</tr>
<tr>
<td>2</td>
<td>KL - KLM</td>
<td>80.4%</td>
</tr>
<tr>
<td>3</td>
<td>AF - Air France</td>
<td>79.6%</td>
</tr>
<tr>
<td>4</td>
<td>AA - American Airlines</td>
<td>78.0%</td>
</tr>
<tr>
<td>5</td>
<td>QR - Qatar Airways</td>
<td>74.3%</td>
</tr>
<tr>
<td>6</td>
<td>DL - Delta Air Lines</td>
<td>73.7%</td>
</tr>
<tr>
<td>7</td>
<td>EY - Etihad Airways</td>
<td>62.1%</td>
</tr>
<tr>
<td>8</td>
<td>SQ - Singapore Airlines</td>
<td>61.2%</td>
</tr>
<tr>
<td>9</td>
<td>SV - Saudi Arabian Airlines</td>
<td>52.4%</td>
</tr>
<tr>
<td>10</td>
<td>BR - EVA Air</td>
<td>49.1%</td>
</tr>
</tbody>
</table>

#### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>95.9%</td>
</tr>
<tr>
<td>2</td>
<td>SIFA - SOCIETE D’IMPORTATION FRANCO ANTILLAISE</td>
<td>90.7%</td>
</tr>
<tr>
<td>3</td>
<td>EXPEDITORS GROUP</td>
<td>89.3%</td>
</tr>
<tr>
<td>4</td>
<td>SCHENKER</td>
<td>87.6%</td>
</tr>
<tr>
<td>5</td>
<td>PRODEX</td>
<td>87.1%</td>
</tr>
<tr>
<td>6</td>
<td>TNT EXPRESS</td>
<td>82.4%</td>
</tr>
<tr>
<td>7</td>
<td>BOLLORE</td>
<td>82.3%</td>
</tr>
<tr>
<td>8</td>
<td>MAURICE WARD &amp; CO</td>
<td>82.0%</td>
</tr>
<tr>
<td>9</td>
<td>FEDEX - FEDERAL EXPRESS / SAME DAY</td>
<td>79.1%</td>
</tr>
<tr>
<td>10</td>
<td>GEODIS</td>
<td>69.5%</td>
</tr>
</tbody>
</table>

#### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>105</td>
<td>53</td>
<td>50.5%</td>
<td>24</td>
<td>22.9%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>231</td>
<td>106</td>
<td>45.9%</td>
<td>120</td>
<td>51.9%</td>
</tr>
</tbody>
</table>
**eAWB Airport Overview - August 2019**

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMB - Bandaranayake Int'l</td>
<td>CMB - Colombo</td>
<td>LK - Sri Lanka</td>
<td>Asia Pacific</td>
<td>NONE</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Volume</th>
<th>(e)AWB penetration and change vs previous month</th>
<th>Airport eAWB penetration over past 12 months</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>3,752</td>
<td>Aug '18 84.8% to Aug '19 87.1% Increase 2.3%</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>2,031</td>
<td>Sep '18 83.8% to Oct '18 82.9% Decrease 0.9%</td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>1,769</td>
<td>Oct '18 82.9% to Nov '18 84.6% Increase 1.7%</td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>262</td>
<td>Nov '18 84.6% to Dec '18 82.5% Decrease 2.1%</td>
</tr>
</tbody>
</table>

### eAWB penetration % and Change p.p.

- **Bandaranayake Int'l**: 87.1% +19.7 p.p.
- **Sri Lanka**: 87.1% +19.7 p.p.
- **Asia Pacific**: 63.7% -0.3 p.p.

### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>QR - Qatar Airways</td>
<td>92.1%</td>
</tr>
<tr>
<td>2</td>
<td>CX - Cathay Pacific</td>
<td>90.6%</td>
</tr>
<tr>
<td>3</td>
<td>FI - Icelandair</td>
<td>50.0%</td>
</tr>
<tr>
<td>4</td>
<td>MK - Air Mauritius</td>
<td>33.3%</td>
</tr>
<tr>
<td>5</td>
<td>TK - THY - Turkish Airlines</td>
<td>22.8%</td>
</tr>
<tr>
<td>6</td>
<td>KE - Korean Air</td>
<td>1.9%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>FREIGHT LINKS INTL</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>100.0%</td>
</tr>
<tr>
<td>3</td>
<td>DART GLOBAL LOGISTICS</td>
<td>100.0%</td>
</tr>
<tr>
<td>4</td>
<td>MSA AIR</td>
<td>100.0%</td>
</tr>
<tr>
<td>5</td>
<td>SPEEDMARK TRANSPORTATION</td>
<td>100.0%</td>
</tr>
<tr>
<td>6</td>
<td>MAC SUPPLY CHAIN SOLUTIONS</td>
<td>100.0%</td>
</tr>
<tr>
<td>7</td>
<td>MIT CARGO</td>
<td>100.0%</td>
</tr>
<tr>
<td>8</td>
<td>ACE CARGO</td>
<td>100.0%</td>
</tr>
<tr>
<td>9</td>
<td>DHL KEELLS</td>
<td>100.0%</td>
</tr>
<tr>
<td>10</td>
<td>EXPOLANKA FREIGHT</td>
<td>100.0%</td>
</tr>
</tbody>
</table>

### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>12</td>
<td>12</td>
<td>100.0%</td>
<td>4</td>
<td>33.3%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>62</td>
<td>39</td>
<td>62.9%</td>
<td>38</td>
<td>61.3%</td>
</tr>
</tbody>
</table>
## eAWB Airport Overview - August 2019

### Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>832</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>738</td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>446</td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>292</td>
</tr>
</tbody>
</table>

### eAWB Penetration and Change vs Previous Month

<table>
<thead>
<tr>
<th>Airport</th>
<th>eAWB Penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kochi</td>
<td>60.4%</td>
<td>+3.9 p.p.</td>
</tr>
<tr>
<td>India</td>
<td>72.9%</td>
<td>+8.3 p.p.</td>
</tr>
<tr>
<td>Asia Pacific</td>
<td>63.7%</td>
<td>-0.3 p.p.</td>
</tr>
</tbody>
</table>

### Airport eAWB Penetration over Past 12 Months

<table>
<thead>
<tr>
<th>Month</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug '18</td>
<td>90%</td>
</tr>
<tr>
<td>Sep '18</td>
<td>87%</td>
</tr>
<tr>
<td>Oct '18</td>
<td>84%</td>
</tr>
<tr>
<td>Nov '18</td>
<td>81%</td>
</tr>
<tr>
<td>Dec '18</td>
<td>78%</td>
</tr>
<tr>
<td>Jan '19</td>
<td>75%</td>
</tr>
<tr>
<td>Feb '19</td>
<td>72%</td>
</tr>
<tr>
<td>Mar '19</td>
<td>69%</td>
</tr>
<tr>
<td>Apr '19</td>
<td>66%</td>
</tr>
<tr>
<td>May '19</td>
<td>63%</td>
</tr>
<tr>
<td>Jun '19</td>
<td>60%</td>
</tr>
<tr>
<td>Jul '19</td>
<td>57%</td>
</tr>
<tr>
<td>Aug '19</td>
<td>54%</td>
</tr>
</tbody>
</table>

### Top Airlines by eAWB Penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>QR - Qatar Airways</td>
<td>94.4%</td>
</tr>
<tr>
<td>2</td>
<td>5X - UPS Airlines</td>
<td>87.5%</td>
</tr>
<tr>
<td>3</td>
<td>KL - KLM</td>
<td>25.0%</td>
</tr>
<tr>
<td>4</td>
<td>DL - Delta Air Lines</td>
<td>25.0%</td>
</tr>
<tr>
<td>5</td>
<td>AV - AVIANCA</td>
<td>0.0%</td>
</tr>
<tr>
<td>6</td>
<td>AF - Air France</td>
<td>0.0%</td>
</tr>
<tr>
<td>7</td>
<td>WY - Oman Air</td>
<td>0.0%</td>
</tr>
<tr>
<td>8</td>
<td>ET - Ethiopian Airlines</td>
<td>0.0%</td>
</tr>
<tr>
<td>9</td>
<td>EY - Etihad Airways</td>
<td>0.0%</td>
</tr>
<tr>
<td>10</td>
<td>SV - Saudi Arabian Airlines</td>
<td>0.0%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB Penetration (from Top 20 by Volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>GAC LOGISTICS</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>SINDHU CARGO SRVCS</td>
<td>100.0%</td>
</tr>
<tr>
<td>3</td>
<td>ANAND FREIGHT OVERSEAS</td>
<td>100.0%</td>
</tr>
<tr>
<td>4</td>
<td>KUEHNE + NAGEL</td>
<td>100.0%</td>
</tr>
<tr>
<td>5</td>
<td>EVER FAST FREIGHT FORWARDERS</td>
<td>100.0%</td>
</tr>
<tr>
<td>6</td>
<td>SKYWAYS AIR SERVICES</td>
<td>92.0%</td>
</tr>
<tr>
<td>7</td>
<td>AIRTRAVELE ENTERPRISES</td>
<td>91.3%</td>
</tr>
<tr>
<td>8</td>
<td>GLOBAL TRANSPORTATION SERVICES</td>
<td>85.7%</td>
</tr>
<tr>
<td>9</td>
<td>AKBAR EXPRESS CARGO SRVCS</td>
<td>84.4%</td>
</tr>
<tr>
<td>10</td>
<td>JET FREIGHT LOGISTICS</td>
<td>83.8%</td>
</tr>
</tbody>
</table>

### MeA and eAWB Status at Airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>8</td>
<td>8</td>
<td>100.0%</td>
<td>3 37.5%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>43</td>
<td>35</td>
<td>81.4%</td>
<td>29 67.4%</td>
</tr>
</tbody>
</table>
### eAWB Airport Overview - August 2019

#### Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>8,592</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>4,382</td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>2,971</td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>1,411</td>
</tr>
</tbody>
</table>

#### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Airport</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Copenhagen Airport</td>
<td>67.8%</td>
<td>+5.9 p.p.</td>
</tr>
<tr>
<td>Denmark</td>
<td>67.3%</td>
<td>+5.9 p.p.</td>
</tr>
<tr>
<td>Europe</td>
<td>59.4%</td>
<td>+3.7 p.p.</td>
</tr>
</tbody>
</table>

#### Airport eAWB penetration over past 12 months

- Aug '18: 67.8%
- Sep '18: 67.8%
- Oct '18: 67.8%
- Nov '18: 67.8%
- Dec '18: 67.8%
- Jan '19: 67.8%
- Feb '19: 67.8%
- Mar '19: 67.8%
- Apr '19: 67.8%
- May '19: 67.8%
- Jun '19: 67.8%
- Jul '19: 67.8%
- Aug '19: 67.8%

#### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KL - KLM</td>
<td>94.4%</td>
</tr>
<tr>
<td>2</td>
<td>QR - Qatar Airways</td>
<td>87.8%</td>
</tr>
<tr>
<td>3</td>
<td>AF - Air France</td>
<td>87.1%</td>
</tr>
<tr>
<td>4</td>
<td>KE - Korean Air</td>
<td>85.7%</td>
</tr>
<tr>
<td>5</td>
<td>LH - Lufthansa Cargo</td>
<td>85.1%</td>
</tr>
<tr>
<td>6</td>
<td>SQ - Singapore Airlines</td>
<td>85.1%</td>
</tr>
<tr>
<td>7</td>
<td>LX - SWISS</td>
<td>72.9%</td>
</tr>
<tr>
<td>8</td>
<td>DL - Delta Air Lines</td>
<td>63.6%</td>
</tr>
<tr>
<td>9</td>
<td>CX - Cathay Pacific</td>
<td>50.0%</td>
</tr>
<tr>
<td>10</td>
<td>IB - IAG - IBERIA</td>
<td>48.6%</td>
</tr>
</tbody>
</table>

#### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SCAN GLOBAL LOGISTIC</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>GEODIS</td>
<td>95.2%</td>
</tr>
<tr>
<td>3</td>
<td>DSV AIR &amp; SEA</td>
<td>92.4%</td>
</tr>
<tr>
<td>4</td>
<td>SCHENKER</td>
<td>92.1%</td>
</tr>
<tr>
<td>5</td>
<td>INTER-SCAN AIRFREIGHT</td>
<td>89.7%</td>
</tr>
<tr>
<td>6</td>
<td>WORLD COURIER</td>
<td>87.8%</td>
</tr>
<tr>
<td>7</td>
<td>LEMAN INTL SYSTEM TRANSPORT</td>
<td>87.4%</td>
</tr>
<tr>
<td>8</td>
<td>GLOBAL SOLUTIONS</td>
<td>80.9%</td>
</tr>
<tr>
<td>9</td>
<td>EXPEDITORS GROUP</td>
<td>79.5%</td>
</tr>
<tr>
<td>10</td>
<td>STRAIT AIR TRSPT</td>
<td>76.6%</td>
</tr>
</tbody>
</table>

#### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>MeA</th>
<th>Count</th>
<th>Signed</th>
<th>%</th>
<th>Does eAWB %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>49</td>
<td>38</td>
<td>77.6%</td>
<td>17</td>
</tr>
<tr>
<td>FF Groups</td>
<td>61</td>
<td>50</td>
<td>82.0%</td>
<td>45</td>
</tr>
</tbody>
</table>
## eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPT - Cape Town International</td>
<td>CPT - Cape Town</td>
<td>ZA - South Africa</td>
<td>Africa</td>
<td>MC99</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3,508</td>
<td>2,176</td>
<td>1,457</td>
<td>719</td>
</tr>
</tbody>
</table>

### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Airport</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cape Town International</td>
<td>67.0%</td>
<td>+18.6 p.p.</td>
</tr>
<tr>
<td>South Africa</td>
<td>67.1%</td>
<td>-0.5 p.p.</td>
</tr>
<tr>
<td>Africa</td>
<td>64.9%</td>
<td>+1.4 p.p.</td>
</tr>
</tbody>
</table>

### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KL - KLM</td>
<td>81.7%</td>
</tr>
<tr>
<td>2</td>
<td>SQ - Singapore Airlines</td>
<td>81.3%</td>
</tr>
<tr>
<td>3</td>
<td>QR - Qatar Airways</td>
<td>80.0%</td>
</tr>
<tr>
<td>4</td>
<td>TK - THY - Turkish Airlines</td>
<td>76.7%</td>
</tr>
<tr>
<td>5</td>
<td>AF - Air France</td>
<td>66.7%</td>
</tr>
<tr>
<td>6</td>
<td>LH - Lufthansa Cargo</td>
<td>47.4%</td>
</tr>
<tr>
<td>7</td>
<td>MK - Air Mauritius</td>
<td>47.2%</td>
</tr>
<tr>
<td>8</td>
<td>5X - UPS Airlines</td>
<td>42.5%</td>
</tr>
<tr>
<td>9</td>
<td>CV - Cargolux</td>
<td>40.0%</td>
</tr>
<tr>
<td>10</td>
<td>BA - IAG - British Airways</td>
<td>21.4%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DHL EXPRESS</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>SCHENKER</td>
<td>100.0%</td>
</tr>
<tr>
<td>3</td>
<td>MORGAN CARGO</td>
<td>91.4%</td>
</tr>
<tr>
<td>4</td>
<td>SKYSERVICES</td>
<td>90.3%</td>
</tr>
<tr>
<td>5</td>
<td>AIR MENZIES INTL</td>
<td>89.9%</td>
</tr>
<tr>
<td>6</td>
<td>CFR FREIGHT</td>
<td>89.5%</td>
</tr>
<tr>
<td>7</td>
<td>GROUPAIR</td>
<td>84.0%</td>
</tr>
<tr>
<td>8</td>
<td>ROHLIG</td>
<td>83.8%</td>
</tr>
<tr>
<td>9</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>78.1%</td>
</tr>
<tr>
<td>10</td>
<td>DHL INTERNATIONAL</td>
<td>76.3%</td>
</tr>
</tbody>
</table>

### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>18</td>
<td>17</td>
<td>94.4%</td>
<td>10</td>
</tr>
<tr>
<td>FF Groups</td>
<td>66</td>
<td>37</td>
<td>56.1%</td>
<td>45</td>
</tr>
</tbody>
</table>

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# eAWB Airport Overview - August 2019

## Volume

<table>
<thead>
<tr>
<th>Volume</th>
<th>(e)AWB渗透</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>12,804</td>
<td>12,457</td>
<td>8,545</td>
<td>3,912</td>
</tr>
</tbody>
</table>

## eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Airport</th>
<th>eAWB渗透</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indira Gandhi Int'l</td>
<td>68.6%</td>
<td>+4.5 p.p.</td>
</tr>
<tr>
<td>India</td>
<td>72.9%</td>
<td>+8.3 p.p.</td>
</tr>
<tr>
<td>Asia Pacific</td>
<td>63.7%</td>
<td>-0.3 p.p.</td>
</tr>
</tbody>
</table>

## Airport eAWB penetration over past 12 months

![Graph showing eAWB penetration over the past 12 months](image)

### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB渗透</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>QR - Qatar Airways</td>
<td>99.3%</td>
</tr>
<tr>
<td>2</td>
<td>CX - Cathay Pacific</td>
<td>98.9%</td>
</tr>
<tr>
<td>3</td>
<td>LX - SWISS</td>
<td>96.4%</td>
</tr>
<tr>
<td>4</td>
<td>SO - Singapore Airlines</td>
<td>92.7%</td>
</tr>
<tr>
<td>5</td>
<td>AF - Air France</td>
<td>89.0%</td>
</tr>
<tr>
<td>6</td>
<td>BA - IAG - British Airways</td>
<td>80.6%</td>
</tr>
<tr>
<td>7</td>
<td>KL - KLM</td>
<td>76.3%</td>
</tr>
<tr>
<td>8</td>
<td>TK - THY - Turkish Airlines</td>
<td>61.3%</td>
</tr>
<tr>
<td>9</td>
<td>5X - UPS Airlines</td>
<td>54.3%</td>
</tr>
<tr>
<td>10</td>
<td>DL - Delta Air Lines</td>
<td>42.9%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB渗透</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>TNT</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>SCHENKER</td>
<td>96.9%</td>
</tr>
<tr>
<td>3</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>96.7%</td>
</tr>
<tr>
<td>4</td>
<td>FEDEX TRADE NETWORK</td>
<td>94.5%</td>
</tr>
<tr>
<td>5</td>
<td>SKYWAYS AIR SERVICES</td>
<td>92.4%</td>
</tr>
<tr>
<td>6</td>
<td>DHL EXPRESS</td>
<td>91.3%</td>
</tr>
<tr>
<td>7</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>90.7%</td>
</tr>
<tr>
<td>8</td>
<td>BOLLORE</td>
<td>87.9%</td>
</tr>
<tr>
<td>9</td>
<td>DSV AIR &amp; SEA</td>
<td>87.2%</td>
</tr>
<tr>
<td>10</td>
<td>EXPEDITORS GROUP</td>
<td>84.7%</td>
</tr>
</tbody>
</table>

### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>25</td>
<td>24</td>
<td>96.0%</td>
<td>18</td>
</tr>
<tr>
<td>FF Groups</td>
<td>143</td>
<td>104</td>
<td>72.7%</td>
<td>117</td>
</tr>
</tbody>
</table>
# eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>DFW - Dallas/Ft Worth</td>
<td>DFW - Dallas/Ft Worth</td>
<td>US - USA</td>
<td>The Americas</td>
<td>Both</td>
<td>Yes</td>
</tr>
</tbody>
</table>

## Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>(e)AWB</td>
<td>17,377</td>
<td>14,527</td>
<td>10,985</td>
<td>3,542</td>
</tr>
</tbody>
</table>

## eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Region/City</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dallas/Ft Worth</td>
<td>75.6%</td>
<td>-0.6 p.p.</td>
</tr>
<tr>
<td>USA</td>
<td>55.7%</td>
<td>-0.3 p.p.</td>
</tr>
<tr>
<td>The Americas</td>
<td>50.6%</td>
<td>-0.2 p.p.</td>
</tr>
</tbody>
</table>

## Airport eAWB penetration over past 12 months

![Graph showing eAWB penetration over past 12 months]

## Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AA - American Airlines</td>
<td>95.6%</td>
</tr>
<tr>
<td>2</td>
<td>KL - KLM</td>
<td>92.6%</td>
</tr>
<tr>
<td>3</td>
<td>QR - Qatar Airways</td>
<td>91.3%</td>
</tr>
<tr>
<td>4</td>
<td>CX - Cathay Pacific</td>
<td>85.2%</td>
</tr>
<tr>
<td>5</td>
<td>LH - Lufthansa Cargo</td>
<td>83.6%</td>
</tr>
<tr>
<td>6</td>
<td>AF - Air France</td>
<td>82.8%</td>
</tr>
<tr>
<td>7</td>
<td>DL - Delta Air Lines</td>
<td>77.8%</td>
</tr>
<tr>
<td>8</td>
<td>KE - Korean Air</td>
<td>76.8%</td>
</tr>
<tr>
<td>9</td>
<td>SQ - Singapore Airlines</td>
<td>71.8%</td>
</tr>
<tr>
<td>10</td>
<td>TK - THY - Turkish Airlines</td>
<td>68.0%</td>
</tr>
</tbody>
</table>

## Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>PANALPINA</td>
<td>95.5%</td>
</tr>
<tr>
<td>2</td>
<td>MAINFREIGHT</td>
<td>94.9%</td>
</tr>
<tr>
<td>3</td>
<td>BOLLORE</td>
<td>93.4%</td>
</tr>
<tr>
<td>4</td>
<td>EXPEDITORS GROUP</td>
<td>93.1%</td>
</tr>
<tr>
<td>5</td>
<td>SCHENKER</td>
<td>91.9%</td>
</tr>
<tr>
<td>6</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>91.1%</td>
</tr>
<tr>
<td>7</td>
<td>DSV AIR &amp; SEA</td>
<td>90.1%</td>
</tr>
<tr>
<td>8</td>
<td>CEVA GROUP</td>
<td>86.9%</td>
</tr>
<tr>
<td>9</td>
<td>KWE - KINTETSU WORLD EXPRESS</td>
<td>86.9%</td>
</tr>
<tr>
<td>10</td>
<td>CH ROBINSON</td>
<td>86.3%</td>
</tr>
</tbody>
</table>

## MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>MeA Signed</th>
<th>Count</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>54</td>
<td>40</td>
<td>74.1%</td>
<td>21</td>
</tr>
<tr>
<td>FF Groups</td>
<td>328</td>
<td>183</td>
<td>55.8%</td>
<td>166</td>
</tr>
</tbody>
</table>
# eAWB Airport Overview - August 2019

## eAWB Penetration and Change vs Previous Month

<table>
<thead>
<tr>
<th>Airport</th>
<th>eAWB Penetration</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>King Fahd Int'l</td>
<td>30.2%</td>
<td>+8.1 p.p.</td>
</tr>
<tr>
<td>Middle East</td>
<td>65.1%</td>
<td>-7.1 p.p.</td>
</tr>
</tbody>
</table>

## Top Airlines by eAWB Penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SV - Saudi Arabian Airlines</td>
<td>39.6%</td>
</tr>
<tr>
<td>2</td>
<td>5X - UPS Airlines</td>
<td>33.3%</td>
</tr>
<tr>
<td>3</td>
<td>KL - KLM</td>
<td>26.7%</td>
</tr>
<tr>
<td>4</td>
<td>TK - THY - Turkish Airlines</td>
<td>14.3%</td>
</tr>
<tr>
<td>5</td>
<td>EY - Etihad Airways</td>
<td>0.0%</td>
</tr>
<tr>
<td>6</td>
<td>BA - IAG - British Airways</td>
<td>0.0%</td>
</tr>
<tr>
<td>7</td>
<td>LH - Lufthansa Cargo</td>
<td>0.0%</td>
</tr>
</tbody>
</table>

## Top FF Groups by eAWB Penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AGILITY</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>SAUDI ARAMCO</td>
<td>100.0%</td>
</tr>
<tr>
<td>3</td>
<td>SCHENKER</td>
<td>100.0%</td>
</tr>
<tr>
<td>4</td>
<td>EXPEDITORS GROUP</td>
<td>100.0%</td>
</tr>
<tr>
<td>5</td>
<td>OPEN ROUTES AIR CARGO</td>
<td>100.0%</td>
</tr>
<tr>
<td>6</td>
<td>AL SUHAIMI CARGO SERVICES</td>
<td>60.0%</td>
</tr>
<tr>
<td>7</td>
<td>FREIGHT AND LOGISTICS TRADING EST</td>
<td>46.3%</td>
</tr>
<tr>
<td>8</td>
<td>YBA - YUSUF BIN AHMED KANOO &amp; CO</td>
<td>0.0%</td>
</tr>
<tr>
<td>9</td>
<td>FAWAZ TRADING</td>
<td>0.0%</td>
</tr>
<tr>
<td>10</td>
<td>SAUDI TAL FOR COMMERCE &amp; CONTRACTS</td>
<td>0.0%</td>
</tr>
</tbody>
</table>

## MeA and eAWB Status at Airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA %</th>
<th>Does eAWB %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>8</td>
<td>100.0%</td>
<td>3</td>
</tr>
<tr>
<td>FF Groups</td>
<td>28</td>
<td>42.9%</td>
<td>9</td>
</tr>
</tbody>
</table>

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# eAWB Airport Overview - August 2019

## Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>2,420</td>
<td>2,091</td>
<td>2,004</td>
<td>87</td>
</tr>
</tbody>
</table>

## eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>City</th>
<th>eAWB penetration</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doha</td>
<td>95.8%</td>
<td>+1.2 p.p.</td>
</tr>
<tr>
<td>Qatar</td>
<td>95.8%</td>
<td>+1.2 p.p.</td>
</tr>
<tr>
<td>Middle East</td>
<td>65.1%</td>
<td>-7.1 p.p.</td>
</tr>
</tbody>
</table>

## Airport eAWB penetration over past 12 months

<table>
<thead>
<tr>
<th>Month</th>
<th>eAWB penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug '18</td>
<td>95.8%</td>
</tr>
<tr>
<td>Sep '18</td>
<td>96.8%</td>
</tr>
<tr>
<td>Oct '18</td>
<td>97.1%</td>
</tr>
<tr>
<td>Nov '18</td>
<td>97.1%</td>
</tr>
<tr>
<td>Dec '18</td>
<td>96.8%</td>
</tr>
<tr>
<td>Jan '19</td>
<td>96.8%</td>
</tr>
<tr>
<td>Feb '19</td>
<td>96.8%</td>
</tr>
<tr>
<td>Mar '19</td>
<td>96.8%</td>
</tr>
<tr>
<td>Apr '19</td>
<td>96.8%</td>
</tr>
<tr>
<td>May '19</td>
<td>96.8%</td>
</tr>
<tr>
<td>Jun '19</td>
<td>96.8%</td>
</tr>
<tr>
<td>Jul '19</td>
<td>96.8%</td>
</tr>
<tr>
<td>Aug '19</td>
<td>96.8%</td>
</tr>
</tbody>
</table>

## Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>QR - Qatar Airways</td>
<td>99.4%</td>
</tr>
<tr>
<td>2</td>
<td>BA - IAG - British Airways</td>
<td>51.6%</td>
</tr>
<tr>
<td>3</td>
<td>CI - China Airlines</td>
<td>0.0%</td>
</tr>
<tr>
<td>4</td>
<td>CV - Cargolux</td>
<td>0.0%</td>
</tr>
<tr>
<td>5</td>
<td>ET - Ethiopian Airlines</td>
<td>0.0%</td>
</tr>
<tr>
<td>6</td>
<td>DL - Delta Air Lines</td>
<td>0.0%</td>
</tr>
<tr>
<td>7</td>
<td>TK - THY - Turkish Airlines</td>
<td>0.0%</td>
</tr>
</tbody>
</table>

## Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>QATAR AVIATION SERVICES</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>AGILITY</td>
<td>100.0%</td>
</tr>
<tr>
<td>3</td>
<td>GOODWILL CARGO</td>
<td>100.0%</td>
</tr>
<tr>
<td>4</td>
<td>CORINER CARGO</td>
<td>100.0%</td>
</tr>
<tr>
<td>5</td>
<td>YAFA TRADING AND SERVICES</td>
<td>100.0%</td>
</tr>
<tr>
<td>6</td>
<td>KUEHNE + NAGEL</td>
<td>100.0%</td>
</tr>
<tr>
<td>7</td>
<td>SINGAPORE CARGO SERVICES</td>
<td>100.0%</td>
</tr>
<tr>
<td>8</td>
<td>AMBASSADOR CARGO</td>
<td>100.0%</td>
</tr>
<tr>
<td>9</td>
<td>CARSON LOGISTICS</td>
<td>100.0%</td>
</tr>
<tr>
<td>10</td>
<td>DHL EXPRESS</td>
<td>100.0%</td>
</tr>
</tbody>
</table>

## MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>% Does eAWB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>7</td>
<td>7</td>
<td>100.0%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>40</td>
<td>29</td>
<td>72.5%</td>
</tr>
</tbody>
</table>

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# eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>DUB - Dublin</td>
<td>DUB - Dublin</td>
<td>IE - Ireland</td>
<td>Europe</td>
<td>Both</td>
<td></td>
</tr>
</tbody>
</table>

### Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>4,546</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>2,933</td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>934</td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>1,999</td>
</tr>
</tbody>
</table>

### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Location</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dublin</td>
<td>31.8%</td>
<td>+3.8 p.p.</td>
</tr>
<tr>
<td>Ireland</td>
<td>33.0%</td>
<td>+3.3 p.p.</td>
</tr>
<tr>
<td>Europe</td>
<td>59.4%</td>
<td>+3.7 p.p.</td>
</tr>
</tbody>
</table>

### Airport eAWB penetration over past 12 months

#### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KE - Korean Air</td>
<td>95.0%</td>
</tr>
<tr>
<td>2</td>
<td>KL - KLM</td>
<td>85.2%</td>
</tr>
<tr>
<td>3</td>
<td>LH - Lufthansa Cargo</td>
<td>61.6%</td>
</tr>
<tr>
<td>4</td>
<td>AA - American Airlines</td>
<td>58.7%</td>
</tr>
<tr>
<td>5</td>
<td>DL - Delta Air Lines</td>
<td>56.0%</td>
</tr>
<tr>
<td>6</td>
<td>AF - Air France</td>
<td>55.9%</td>
</tr>
<tr>
<td>7</td>
<td>QR - Qatar Airways</td>
<td>35.1%</td>
</tr>
<tr>
<td>8</td>
<td>5X - UPS Airlines</td>
<td>33.3%</td>
</tr>
<tr>
<td>9</td>
<td>CV - Cargolux</td>
<td>33.3%</td>
</tr>
<tr>
<td>10</td>
<td>AC - Air Canada</td>
<td>22.0%</td>
</tr>
</tbody>
</table>

#### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>EXPEDITORS GROUP</td>
<td>83.9%</td>
</tr>
<tr>
<td>2</td>
<td>SCHENKER</td>
<td>75.2%</td>
</tr>
<tr>
<td>3</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>73.3%</td>
</tr>
<tr>
<td>4</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>57.1%</td>
</tr>
<tr>
<td>5</td>
<td>WORLD COURIER</td>
<td>52.6%</td>
</tr>
<tr>
<td>6</td>
<td>SPEEDLINK INTL</td>
<td>49.4%</td>
</tr>
<tr>
<td>7</td>
<td>KUEHNE + NAGEL</td>
<td>40.1%</td>
</tr>
<tr>
<td>8</td>
<td>DSV AIR &amp; SEA</td>
<td>30.7%</td>
</tr>
<tr>
<td>9</td>
<td>ARAMEX - ARAB AMERICAN EXPRESS</td>
<td>26.2%</td>
</tr>
<tr>
<td>10</td>
<td>MULTI CARGO</td>
<td>1.9%</td>
</tr>
</tbody>
</table>

### MeA and eAWB status at airport

- **Airlines**
  - Count: 39
  - Signed MeA: 33
  - %: 84.6%
  - Does eAWB: 14
  - %: 35.9%

- **FF Groups**
  - Count: 62
  - Signed MeA: 38
  - %: 61.3%
  - Does eAWB: 25
  - %: 40.3%
### eAWB Airport Overview - August 2019

#### Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Total</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>eAWB</td>
<td>9,237</td>
<td>6,823</td>
<td>4,389</td>
<td>2,434</td>
</tr>
</tbody>
</table>

#### eAWB Penetration and Change vs Previous Month

<table>
<thead>
<tr>
<th>Location</th>
<th>eAWB Penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dusseldorf</td>
<td>64.3%</td>
<td>+3.9 p.p.</td>
</tr>
<tr>
<td>Germany</td>
<td>68.5%</td>
<td>+2.4 p.p.</td>
</tr>
<tr>
<td>Europe</td>
<td>59.4%</td>
<td>+3.7 p.p.</td>
</tr>
</tbody>
</table>

#### Airport eAWB Penetration over Past 12 Months

<table>
<thead>
<tr>
<th>Month</th>
<th>Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug '18</td>
<td>46.7%</td>
</tr>
<tr>
<td>Sep '18</td>
<td>50.0%</td>
</tr>
<tr>
<td>Oct '18</td>
<td>52.0%</td>
</tr>
<tr>
<td>Nov '18</td>
<td>53.1%</td>
</tr>
<tr>
<td>Dec '18</td>
<td>54.3%</td>
</tr>
<tr>
<td>Jan '19</td>
<td>55.0%</td>
</tr>
<tr>
<td>Feb '19</td>
<td>55.3%</td>
</tr>
<tr>
<td>Mar '19</td>
<td>55.5%</td>
</tr>
<tr>
<td>Apr '19</td>
<td>55.8%</td>
</tr>
<tr>
<td>May '19</td>
<td>56.0%</td>
</tr>
<tr>
<td>Jun '19</td>
<td>56.2%</td>
</tr>
<tr>
<td>Jul '19</td>
<td>56.4%</td>
</tr>
<tr>
<td>Aug '19</td>
<td>64.3%</td>
</tr>
</tbody>
</table>

#### Top Airlines by eAWB Penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KL - KLM</td>
<td>88.3%</td>
</tr>
<tr>
<td>2</td>
<td>AF - Air France</td>
<td>87.7%</td>
</tr>
<tr>
<td>3</td>
<td>CI - China Airlines</td>
<td>84.2%</td>
</tr>
<tr>
<td>4</td>
<td>QR - Qatar Airways</td>
<td>81.5%</td>
</tr>
<tr>
<td>5</td>
<td>DL - Delta Air Lines</td>
<td>77.9%</td>
</tr>
<tr>
<td>6</td>
<td>LH - Lufthansa Cargo</td>
<td>72.7%</td>
</tr>
<tr>
<td>7</td>
<td>SQ - Singapore Airlines</td>
<td>69.7%</td>
</tr>
<tr>
<td>8</td>
<td>AA - American Airlines</td>
<td>61.3%</td>
</tr>
<tr>
<td>9</td>
<td>TK - THY - Turkish Airlines</td>
<td>53.2%</td>
</tr>
<tr>
<td>10</td>
<td>IB - IAG - IBERIA</td>
<td>48.6%</td>
</tr>
</tbody>
</table>

#### Top FF Groups by eAWB Penetration (from Top 20 by Volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>TIME MATTERS</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>96.4%</td>
</tr>
<tr>
<td>3</td>
<td>LOGWIN AIR + OCEAN INTL</td>
<td>95.0%</td>
</tr>
<tr>
<td>4</td>
<td>GEODIS</td>
<td>92.0%</td>
</tr>
<tr>
<td>5</td>
<td>QCS - QUICK CARGO SERVICE</td>
<td>91.2%</td>
</tr>
<tr>
<td>6</td>
<td>A HARTRODT</td>
<td>90.8%</td>
</tr>
<tr>
<td>7</td>
<td>SENATOR INTL</td>
<td>89.4%</td>
</tr>
<tr>
<td>8</td>
<td>IPSEN LOGISTICS</td>
<td>88.1%</td>
</tr>
<tr>
<td>9</td>
<td>CEVA GROUP</td>
<td>84.2%</td>
</tr>
<tr>
<td>10</td>
<td>DSV AIR &amp; SEA</td>
<td>82.0%</td>
</tr>
</tbody>
</table>

#### MeA and eAWB Status at Airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>82</td>
<td>49</td>
<td>59.8%</td>
<td>23</td>
</tr>
<tr>
<td>FF Groups</td>
<td>173</td>
<td>94</td>
<td>54.3%</td>
<td>112</td>
</tr>
</tbody>
</table>
### eAWB Airport Overview - August 2019

#### Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>4,419</td>
<td>1,846</td>
<td>1,237</td>
<td>609</td>
<td></td>
</tr>
</tbody>
</table>

#### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Airport</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Al Maktoum Int'l</td>
<td>67.0%</td>
<td>+3.8 p.p.</td>
</tr>
<tr>
<td>United Arab Emirates</td>
<td>69.6%</td>
<td>-15.3 p.p.</td>
</tr>
<tr>
<td>Middle East</td>
<td>65.1%</td>
<td>-7.1 p.p.</td>
</tr>
</tbody>
</table>

#### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>LH - Lufthansa Cargo</td>
<td>98.3%</td>
</tr>
<tr>
<td>2</td>
<td>WY - Oman Air</td>
<td>92.3%</td>
</tr>
<tr>
<td>3</td>
<td>SV - Saudi Arabian Airlines</td>
<td>91.9%</td>
</tr>
<tr>
<td>4</td>
<td>AF - Air France</td>
<td>78.5%</td>
</tr>
<tr>
<td>5</td>
<td>KL - KLM</td>
<td>77.5%</td>
</tr>
<tr>
<td>6</td>
<td>TK - THY - Turkish Airlines</td>
<td>75.1%</td>
</tr>
<tr>
<td>7</td>
<td>LX - SWISS</td>
<td>74.4%</td>
</tr>
<tr>
<td>8</td>
<td>CX - Cathay Pacific</td>
<td>72.9%</td>
</tr>
<tr>
<td>9</td>
<td>EY - Etihad Airways</td>
<td>51.3%</td>
</tr>
<tr>
<td>10</td>
<td>5X - UPS Airlines</td>
<td>48.8%</td>
</tr>
</tbody>
</table>

#### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>GEODIS</td>
<td>98.0%</td>
</tr>
<tr>
<td>2</td>
<td>HELLMANN WORLDWIDE LOGISTICS</td>
<td>95.8%</td>
</tr>
<tr>
<td>3</td>
<td>BOLLORE</td>
<td>91.4%</td>
</tr>
<tr>
<td>4</td>
<td>SCHENKER</td>
<td>90.9%</td>
</tr>
<tr>
<td>5</td>
<td>E FREIGHT INTL</td>
<td>89.7%</td>
</tr>
<tr>
<td>6</td>
<td>SNTTA - SHARJAH NATNL TRVL &amp; TOURISM AGCY</td>
<td>86.7%</td>
</tr>
<tr>
<td>7</td>
<td>EXPEDITORS GROUP</td>
<td>85.7%</td>
</tr>
<tr>
<td>8</td>
<td>ORIENT TRAVEL &amp; TOURISM AGENCY</td>
<td>83.3%</td>
</tr>
<tr>
<td>9</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>79.6%</td>
</tr>
<tr>
<td>10</td>
<td>PANALPINA</td>
<td>75.0%</td>
</tr>
</tbody>
</table>

#### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA %</th>
<th>% Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>21</td>
<td>95.2%</td>
<td>47.6%</td>
<td>10</td>
</tr>
<tr>
<td>FF Groups</td>
<td>82</td>
<td>52.4%</td>
<td>39.0%</td>
<td>32</td>
</tr>
</tbody>
</table>
### eAWB Airport Overview - August 2019

#### Volume

<table>
<thead>
<tr>
<th>eAWB</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>19,324</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>4,597</td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>3,247</td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>1,350</td>
</tr>
</tbody>
</table>

#### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Region</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Middle East</td>
<td>70.6%</td>
<td>-21.1 p.p.</td>
</tr>
<tr>
<td>United Arab Emirates</td>
<td>69.6%</td>
<td>-15.3 p.p.</td>
</tr>
<tr>
<td>Dubai</td>
<td>65.1%</td>
<td>-7.1 p.p.</td>
</tr>
</tbody>
</table>

#### Airport eAWB penetration over past 12 months

![Graph showing eAWB penetration over past 12 months with data points from Aug '18 to Aug '19.]

#### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>LH - Lufthansa Cargo</td>
<td>96.6%</td>
</tr>
<tr>
<td>2</td>
<td>SV - Saudi Arabian Airlines</td>
<td>86.1%</td>
</tr>
<tr>
<td>3</td>
<td>LX - SWISS</td>
<td>85.5%</td>
</tr>
<tr>
<td>4</td>
<td>TK - THY - Turkish Airlines</td>
<td>79.9%</td>
</tr>
<tr>
<td>5</td>
<td>5X - UPS Airlines</td>
<td>72.2%</td>
</tr>
<tr>
<td>6</td>
<td>AF - Air France</td>
<td>69.9%</td>
</tr>
<tr>
<td>7</td>
<td>BA - IAG - British Airways</td>
<td>69.3%</td>
</tr>
<tr>
<td>8</td>
<td>WY - Oman Air</td>
<td>62.3%</td>
</tr>
<tr>
<td>9</td>
<td>SQ - Singapore Airlines</td>
<td>57.9%</td>
</tr>
<tr>
<td>10</td>
<td>DL - Delta Air Lines</td>
<td>57.1%</td>
</tr>
</tbody>
</table>

#### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>FEDEX - FEDERAL EXPRESS / SAME DAY</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>UNIVERSAL EXPRESS</td>
<td>100.0%</td>
</tr>
<tr>
<td>3</td>
<td>GULF WW EXPRESS</td>
<td>100.0%</td>
</tr>
<tr>
<td>4</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>98.6%</td>
</tr>
<tr>
<td>5</td>
<td>SCHENKER</td>
<td>96.0%</td>
</tr>
<tr>
<td>6</td>
<td>DNATA - DUBAI NATIONAL AIR TRAVEL AGENCY</td>
<td>97.8%</td>
</tr>
<tr>
<td>7</td>
<td>CARGO PARTNERS</td>
<td>93.3%</td>
</tr>
<tr>
<td>8</td>
<td>HELLMANN WORLDWIDE LOGISTICS</td>
<td>92.5%</td>
</tr>
<tr>
<td>9</td>
<td>TNT</td>
<td>89.7%</td>
</tr>
<tr>
<td>10</td>
<td>BOLLORE</td>
<td>85.1%</td>
</tr>
</tbody>
</table>

#### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>25</td>
<td>24</td>
<td>96.0%</td>
<td>13</td>
<td>52.0%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>112</td>
<td>56</td>
<td>50.0%</td>
<td>60</td>
<td>53.6%</td>
</tr>
</tbody>
</table>
# eAWB Airport Overview - August 2019

## Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>4,549</td>
<td>1,824</td>
<td>945</td>
<td>879</td>
</tr>
</tbody>
</table>

## eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Airport</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Newark Liberty Int'l</td>
<td>51.8%</td>
<td>+3.8 p.p.</td>
</tr>
<tr>
<td>USA</td>
<td>55.7%</td>
<td>-0.3 p.p.</td>
</tr>
<tr>
<td>The Americas</td>
<td>50.6%</td>
<td>-0.2 p.p.</td>
</tr>
</tbody>
</table>

## Airport eAWB penetration over past 12 months

<table>
<thead>
<tr>
<th>Month</th>
<th>eAWB penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug '18</td>
<td>51.8%</td>
</tr>
<tr>
<td>Sep '18</td>
<td>55.7%</td>
</tr>
<tr>
<td>Oct '18</td>
<td>50.6%</td>
</tr>
<tr>
<td>Nov '18</td>
<td>46.7%</td>
</tr>
<tr>
<td>Dec '18</td>
<td>44.5%</td>
</tr>
<tr>
<td>Jan '19</td>
<td>42.3%</td>
</tr>
<tr>
<td>Feb '19</td>
<td>37.4%</td>
</tr>
<tr>
<td>Mar '19</td>
<td>50.0%</td>
</tr>
<tr>
<td>Apr '19</td>
<td>52.6%</td>
</tr>
<tr>
<td>May '19</td>
<td>55.5%</td>
</tr>
<tr>
<td>Jun '19</td>
<td>60.0%</td>
</tr>
<tr>
<td>Jul '19</td>
<td>60.0%</td>
</tr>
<tr>
<td>Aug '19</td>
<td>55.7%</td>
</tr>
</tbody>
</table>

## Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DL - Delta Air Lines</td>
<td>84.8%</td>
</tr>
<tr>
<td>2</td>
<td>LH - Lufthansa Cargo</td>
<td>80.7%</td>
</tr>
<tr>
<td>3</td>
<td>CX - Cathay Pacific</td>
<td>60.0%</td>
</tr>
<tr>
<td>4</td>
<td>AA - American Airlines</td>
<td>55.5%</td>
</tr>
<tr>
<td>5</td>
<td>AC - Air Canada</td>
<td>52.6%</td>
</tr>
<tr>
<td>6</td>
<td>KL - KLM</td>
<td>50.0%</td>
</tr>
<tr>
<td>7</td>
<td>5X - UPS Airlines</td>
<td>46.7%</td>
</tr>
<tr>
<td>8</td>
<td>VS - Virgin Atlantic</td>
<td>44.5%</td>
</tr>
<tr>
<td>9</td>
<td>BA - IAG - British Airways</td>
<td>42.3%</td>
</tr>
<tr>
<td>10</td>
<td>LX - SWISS</td>
<td>37.4%</td>
</tr>
</tbody>
</table>

## Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>EZ WORLD CARGO</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>SCHENKER</td>
<td>94.3%</td>
</tr>
<tr>
<td>3</td>
<td>HELLMANN WORLDWIDE LOGISTICS</td>
<td>94.2%</td>
</tr>
<tr>
<td>4</td>
<td>GEODIS</td>
<td>85.4%</td>
</tr>
<tr>
<td>5</td>
<td>TRANSGROUP INTERNATIONAL (D/B/A)</td>
<td>83.9%</td>
</tr>
<tr>
<td>6</td>
<td>DSV AIR &amp; SEA</td>
<td>83.6%</td>
</tr>
<tr>
<td>7</td>
<td>WORLD COURIER</td>
<td>71.8%</td>
</tr>
<tr>
<td>8</td>
<td>ETA - EXPRESS TRANSPORT BY AIR</td>
<td>65.9%</td>
</tr>
<tr>
<td>9</td>
<td>DHL ECOMMERCE</td>
<td>50.0%</td>
</tr>
<tr>
<td>10</td>
<td>CAVALIER INTL AIR FREIGHT</td>
<td>21.6%</td>
</tr>
</tbody>
</table>

## MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>% Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>31</td>
<td>24</td>
<td>77.4%</td>
<td>13 41.9%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>181</td>
<td>103</td>
<td>56.9%</td>
<td>57 31.5%</td>
</tr>
</tbody>
</table>
**eAWB Airport Overview - August 2019**

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>EZE - Ministro Pistorini</td>
<td>BUE - Buenos Aires</td>
<td>AR - Argentina</td>
<td>The Americas</td>
<td>Both</td>
<td></td>
</tr>
</tbody>
</table>

**Volume**

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>5,826</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>1,411</td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>575</td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>836</td>
</tr>
</tbody>
</table>

**Volume**

<table>
<thead>
<tr>
<th>(e)AWB penetration and change vs previous month</th>
</tr>
</thead>
<tbody>
<tr>
<td>eAWB penetration %</td>
</tr>
<tr>
<td>-------------------</td>
</tr>
<tr>
<td>Ministro Pistorini</td>
</tr>
<tr>
<td>Argentina</td>
</tr>
<tr>
<td>The Americas</td>
</tr>
</tbody>
</table>

**Airport eAWB penetration over past 12 months**

<table>
<thead>
<tr>
<th>Month</th>
<th>eAWB penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug '18</td>
<td>33.6%</td>
</tr>
<tr>
<td>Sep '18</td>
<td>38.6%</td>
</tr>
<tr>
<td>Oct '18</td>
<td>40.0%</td>
</tr>
<tr>
<td>Nov '18</td>
<td>40.2%</td>
</tr>
<tr>
<td>Dec '18</td>
<td>40.4%</td>
</tr>
<tr>
<td>Jan '19</td>
<td>40.6%</td>
</tr>
<tr>
<td>Feb '19</td>
<td>40.8%</td>
</tr>
<tr>
<td>Mar '19</td>
<td>41.0%</td>
</tr>
<tr>
<td>Apr '19</td>
<td>41.2%</td>
</tr>
<tr>
<td>May '19</td>
<td>41.4%</td>
</tr>
<tr>
<td>Jun '19</td>
<td>41.6%</td>
</tr>
<tr>
<td>Jul '19</td>
<td>41.8%</td>
</tr>
<tr>
<td>Aug '19</td>
<td>42.0%</td>
</tr>
</tbody>
</table>

**Top Airlines by eAWB penetration**

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DL - Delta Air Lines</td>
<td>83.5%</td>
</tr>
<tr>
<td>2</td>
<td>AF - Air France</td>
<td>54.5%</td>
</tr>
<tr>
<td>3</td>
<td>KL - KLM</td>
<td>48.1%</td>
</tr>
<tr>
<td>4</td>
<td>AA - American Airlines</td>
<td>39.5%</td>
</tr>
<tr>
<td>5</td>
<td>LH - Lufthansa Cargo</td>
<td>34.5%</td>
</tr>
<tr>
<td>6</td>
<td>IB - IAG - IBERIA</td>
<td>26.9%</td>
</tr>
<tr>
<td>7</td>
<td>TK - THY - Turkish Airlines</td>
<td>25.7%</td>
</tr>
</tbody>
</table>

**Top FF Groups by eAWB penetration (from top 20 by volume)**

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SCHENKER</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>DSV AIR &amp; SEA</td>
<td>100.0%</td>
</tr>
<tr>
<td>3</td>
<td>EXPEDITORS GROUP</td>
<td>100.0%</td>
</tr>
<tr>
<td>4</td>
<td>NUEVOS AYRES CARGO</td>
<td>100.0%</td>
</tr>
<tr>
<td>5</td>
<td>PANALPINA</td>
<td>100.0%</td>
</tr>
<tr>
<td>6</td>
<td>KUEHNE + NAGEL</td>
<td>100.0%</td>
</tr>
<tr>
<td>7</td>
<td>CARGO PARTNER</td>
<td>100.0%</td>
</tr>
<tr>
<td>8</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>100.0%</td>
</tr>
<tr>
<td>9</td>
<td>DHL EXPRESS</td>
<td>100.0%</td>
</tr>
<tr>
<td>10</td>
<td>PRODEXPO INTERNACIONAL</td>
<td>100.0%</td>
</tr>
</tbody>
</table>

**MeA and eAWB status at airport**

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>% Does eAWB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>28</td>
<td>24</td>
<td>85.7%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>105</td>
<td>58</td>
<td>55.2%</td>
</tr>
</tbody>
</table>

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## eAWB Airport Overview - August 2019

### Volume
- **(e)AWB**
  - Total AWB: 4,753
  - eAWB Network: 2,660
  - eAWB Actual: 1,163
  - eAWB Potential: 1,497

### eAWB penetration and change vs previous month
- **City**
  - Fiumicino: 43.7% (+3.2 p.p.)
  - Italy: 47.6% (+4.5 p.p.)
  - Europe: 59.4% (+3.7 p.p.)

### eAWB penetration over past 12 months
- Graph showing trend from Aug '18 to Aug '19, with 43.7% in Aug '19.

### Top Airlines by eAWB penetration
<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KL - KLM</td>
<td>84.1%</td>
</tr>
<tr>
<td>2</td>
<td>AF - Air France</td>
<td>83.1%</td>
</tr>
<tr>
<td>3</td>
<td>DL - Delta Air Lines</td>
<td>80.7%</td>
</tr>
<tr>
<td>4</td>
<td>LH - Lufthansa Cargo</td>
<td>67.7%</td>
</tr>
<tr>
<td>5</td>
<td>SQ - Singapore Airlines</td>
<td>60.0%</td>
</tr>
<tr>
<td>6</td>
<td>QR - Qatar Airways</td>
<td>56.2%</td>
</tr>
<tr>
<td>7</td>
<td>5X - UPS Airlines</td>
<td>54.5%</td>
</tr>
<tr>
<td>8</td>
<td>AA - American Airlines</td>
<td>52.7%</td>
</tr>
<tr>
<td>9</td>
<td>SV - Saudi Arabian Airlines</td>
<td>50.0%</td>
</tr>
<tr>
<td>10</td>
<td>KE - Korean Air</td>
<td>47.2%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB penetration (from top 20 by volume)
<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>EXPEDITORS GROUP</td>
<td>90.4%</td>
</tr>
<tr>
<td>2</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>88.0%</td>
</tr>
<tr>
<td>3</td>
<td>SCHENKER</td>
<td>80.6%</td>
</tr>
<tr>
<td>4</td>
<td>PANALPINA</td>
<td>80.6%</td>
</tr>
<tr>
<td>5</td>
<td>KUEHNE + NAGEL</td>
<td>79.5%</td>
</tr>
<tr>
<td>6</td>
<td>CEVA GROUP</td>
<td>78.9%</td>
</tr>
<tr>
<td>7</td>
<td>JAS - JET AIR SERVICE</td>
<td>74.2%</td>
</tr>
<tr>
<td>8</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>73.3%</td>
</tr>
<tr>
<td>9</td>
<td>WORLD CARGO</td>
<td>71.0%</td>
</tr>
<tr>
<td>10</td>
<td>SAVINO DEL BENE</td>
<td>50.0%</td>
</tr>
</tbody>
</table>

### MeA and eAWB status at airport
- **Who**
  - Airlines: 46 / 35 / 78.1% / 18 / 39.1%
  - FF Groups: 159 / 66 / 41.5% / 51 / 32.1%
### eAWB Airport Overview - August 2019

#### Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Total</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>90,970</td>
<td>66,320</td>
<td>44,240</td>
<td>22,080</td>
</tr>
<tr>
<td>eAWB Network</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>eAWB Actual</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>eAWB Potential</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>City/Region</th>
<th>eAWB penetration</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frankfurt Int'l</td>
<td>66.7%</td>
<td>+1.6 p.p.</td>
</tr>
<tr>
<td>Germany</td>
<td>68.5%</td>
<td>+2.4 p.p.</td>
</tr>
<tr>
<td>Europe</td>
<td>59.4%</td>
<td>+3.7 p.p.</td>
</tr>
</tbody>
</table>

#### Airport eAWB penetration over past 12 months

- Aug '18: 46.3%
- Sep '18: 54.5%
- Oct '18: 66.3%
- Nov '18: 68.3%
- Dec '18: 68.3%
- Jan '19: 68.3%
- Feb '19: 68.3%
- Mar '19: 68.3%
- Apr '19: 68.3%
- May '19: 68.3%
- Jun '19: 68.3%
- Jul '19: 68.3%
- Aug '19: 68.3%

#### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KE - Korean Air</td>
<td>97.6%</td>
</tr>
<tr>
<td>2</td>
<td>CI - China Airlines</td>
<td>95.7%</td>
</tr>
<tr>
<td>3</td>
<td>KL - KLM</td>
<td>93.3%</td>
</tr>
<tr>
<td>4</td>
<td>AF - Air France</td>
<td>92.3%</td>
</tr>
<tr>
<td>5</td>
<td>DL - Delta Air Lines</td>
<td>86.1%</td>
</tr>
<tr>
<td>6</td>
<td>QR - Qatar Airways</td>
<td>85.4%</td>
</tr>
<tr>
<td>7</td>
<td>LH - Lufthansa Cargo</td>
<td>80.1%</td>
</tr>
<tr>
<td>8</td>
<td>AA - American Airlines</td>
<td>78.4%</td>
</tr>
<tr>
<td>9</td>
<td>SQ - Singapore Airlines</td>
<td>70.9%</td>
</tr>
<tr>
<td>10</td>
<td>EY - Etihad Airways</td>
<td>65.2%</td>
</tr>
</tbody>
</table>

#### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>EXPRESS AIR SYSTEMS</td>
<td>95.0%</td>
</tr>
<tr>
<td>2</td>
<td>WORLD COURIER</td>
<td>92.7%</td>
</tr>
<tr>
<td>3</td>
<td>EXPEDITORS GROUP</td>
<td>87.1%</td>
</tr>
<tr>
<td>4</td>
<td>LOGWIN AIR + OCEAN INTL</td>
<td>86.1%</td>
</tr>
<tr>
<td>5</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>83.1%</td>
</tr>
<tr>
<td>6</td>
<td>SCHENKER</td>
<td>82.9%</td>
</tr>
<tr>
<td>7</td>
<td>STREECK TRSPT</td>
<td>81.6%</td>
</tr>
<tr>
<td>8</td>
<td>TNT EXPRESS</td>
<td>79.9%</td>
</tr>
<tr>
<td>9</td>
<td>FLYING WHEELS SPEDITION</td>
<td>78.4%</td>
</tr>
<tr>
<td>10</td>
<td>GEIS SDV</td>
<td>76.6%</td>
</tr>
</tbody>
</table>

#### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>% Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>99</td>
<td>54</td>
<td>54.5%</td>
<td>26.3%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>344</td>
<td>160</td>
<td>46.5%</td>
<td>68.0%</td>
</tr>
</tbody>
</table>
# eAWB Airport Overview - August 2019

**AIRPORT** | **CITY** | **COUNTRY** | **REGION** | **MP4 / MC99** | **SOP**
--- | --- | --- | --- | --- | ---
FUK - Fukuoka | FUK - Fukuoka | JP - Japan | Asia Pacific | Both | Yes

## Volume
- (e)AWB
- Total AWB: 6,101
- eAWB Network: 4,015
- eAWB Actual: 1,802
- eAWB Potential: 2,213

## eAWB penetration and change vs previous month
<table>
<thead>
<tr>
<th>Airport</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fukuoka</td>
<td>44.9%</td>
<td>-3.2 p.p.</td>
</tr>
<tr>
<td>Japan</td>
<td>46.2%</td>
<td>-2.7 p.p.</td>
</tr>
<tr>
<td>Asia Pacific</td>
<td>63.7%</td>
<td>-0.3 p.p.</td>
</tr>
</tbody>
</table>

## Top Airlines by eAWB penetration
<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CX - Cathay Pacific</td>
<td>87.5%</td>
</tr>
<tr>
<td>2</td>
<td>SQ - Singapore Airlines</td>
<td>59.5%</td>
</tr>
<tr>
<td>3</td>
<td>CI - China Airlines</td>
<td>56.3%</td>
</tr>
<tr>
<td>4</td>
<td>KE - Korean Air</td>
<td>51.0%</td>
</tr>
<tr>
<td>5</td>
<td>BR - EVA Air</td>
<td>40.0%</td>
</tr>
<tr>
<td>6</td>
<td>5X - UPS Airlines</td>
<td>28.3%</td>
</tr>
<tr>
<td>7</td>
<td>NH - All Nippon Airways</td>
<td>24.7%</td>
</tr>
<tr>
<td>8</td>
<td>KZ - Nippon Cargo Airlines (NCA)</td>
<td>20.0%</td>
</tr>
<tr>
<td>9</td>
<td>CA - Air China</td>
<td>11.1%</td>
</tr>
<tr>
<td>10</td>
<td>MU - China Eastern Airlines</td>
<td>0.0%</td>
</tr>
</tbody>
</table>

## Top FF Groups by eAWB penetration (from top 20 by volume)
<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>VANTEC HTS (HITACHI TRANSPORT SYSTEM) FORWARDING</td>
<td>79.4%</td>
</tr>
<tr>
<td>2</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>77.3%</td>
</tr>
<tr>
<td>3</td>
<td>SONY SUPPLY CHAIN SOLUTIONS</td>
<td>73.3%</td>
</tr>
<tr>
<td>4</td>
<td>HANKYU HANSHIN EXPRESS</td>
<td>70.1%</td>
</tr>
<tr>
<td>5</td>
<td>NITTSU NEC LOGISTICS</td>
<td>66.7%</td>
</tr>
<tr>
<td>6</td>
<td>NNR GLOBAL LOGISTICS</td>
<td>65.7%</td>
</tr>
<tr>
<td>7</td>
<td>YUSEN</td>
<td>62.0%</td>
</tr>
<tr>
<td>8</td>
<td>SCHENKER</td>
<td>60.3%</td>
</tr>
<tr>
<td>9</td>
<td>NIPPON EXPRESS</td>
<td>54.8%</td>
</tr>
<tr>
<td>10</td>
<td>KWE - KINTETSU WORLD EXPRESS</td>
<td>46.1%</td>
</tr>
</tbody>
</table>

## MeA and eAWB status at airport
<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>18</td>
<td>14</td>
<td>77.8%</td>
<td>9</td>
<td>50.0%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>53</td>
<td>30</td>
<td>56.6%</td>
<td>35</td>
<td>66.0%</td>
</tr>
</tbody>
</table>

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eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>GDL - Miguel Hidal</td>
<td>GDL - Guadalajara</td>
<td>MX - Mexico</td>
<td>The Americas</td>
<td>MC99</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**Volume**

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>(e)AWB</td>
<td>3,535</td>
<td>2,419</td>
<td>1,727</td>
<td>692</td>
</tr>
</tbody>
</table>

**eAWB penetration and change vs previous month**

<table>
<thead>
<tr>
<th>Airport</th>
<th>eAWB Penetration</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Miguel Hidal</td>
<td>71.4%</td>
<td>+2.4 p.p.</td>
</tr>
<tr>
<td>Mexico</td>
<td>53.7%</td>
<td>+3.1 p.p.</td>
</tr>
<tr>
<td>The Americas</td>
<td>50.6%</td>
<td>-0.2 p.p.</td>
</tr>
</tbody>
</table>

**eAWB Airport Overview - August 2019**

**Top Airlines by eAWB penetration**

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AF - Air France</td>
<td>95.1%</td>
</tr>
<tr>
<td>2</td>
<td>KL - KLM</td>
<td>94.4%</td>
</tr>
<tr>
<td>3</td>
<td>CX - Cathay Pacific</td>
<td>88.2%</td>
</tr>
<tr>
<td>4</td>
<td>LH - Lufthansa Cargo</td>
<td>83.4%</td>
</tr>
<tr>
<td>5</td>
<td>QR - Qatar Airways</td>
<td>82.0%</td>
</tr>
<tr>
<td>6</td>
<td>AA - American Airlines</td>
<td>73.0%</td>
</tr>
<tr>
<td>7</td>
<td>KE - Korean Air</td>
<td>69.0%</td>
</tr>
<tr>
<td>8</td>
<td>KZ - Nippon Cargo Airlines (NCA)</td>
<td>62.0%</td>
</tr>
<tr>
<td>9</td>
<td>CV - Cargolux</td>
<td>57.9%</td>
</tr>
<tr>
<td>10</td>
<td>TK - THY - Turkish Airlines</td>
<td>51.6%</td>
</tr>
</tbody>
</table>

**Top FF Groups by eAWB penetration (from top 20 by volume)**

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>GEODIS</td>
<td>88.6%</td>
</tr>
<tr>
<td>2</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>87.6%</td>
</tr>
<tr>
<td>3</td>
<td>HELLMANN WORLDWIDE LOGISTICS</td>
<td>87.5%</td>
</tr>
<tr>
<td>4</td>
<td>BOLLORE</td>
<td>86.0%</td>
</tr>
<tr>
<td>5</td>
<td>KWE - KINETSU WORLD EXPRESS</td>
<td>85.7%</td>
</tr>
<tr>
<td>6</td>
<td>EXPEDITORS GROUP</td>
<td>83.6%</td>
</tr>
<tr>
<td>7</td>
<td>PANALPINA</td>
<td>80.0%</td>
</tr>
<tr>
<td>8</td>
<td>KUEHNE + NAGEL</td>
<td>76.9%</td>
</tr>
<tr>
<td>9</td>
<td>DSV AIR &amp; SEA</td>
<td>72.0%</td>
</tr>
<tr>
<td>10</td>
<td>VANTEC LOGISTICS</td>
<td>70.0%</td>
</tr>
</tbody>
</table>

**MeA and eAWB status at airport**

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>36</td>
<td>28</td>
<td>77.8%</td>
<td>14</td>
<td>38.9%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>62</td>
<td>58</td>
<td>93.5%</td>
<td>31</td>
<td>50.0%</td>
</tr>
</tbody>
</table>
## eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLA - Glasgow International</td>
<td>GLA - Glasgow</td>
<td>GB - United Kingdom</td>
<td>Europe</td>
<td>Both</td>
<td>SOP</td>
</tr>
</tbody>
</table>

### Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>2,421</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>1,027</td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>484</td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>543</td>
</tr>
</tbody>
</table>

### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Airport</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glasgow International</td>
<td>47.1%</td>
<td>+21.3 p.p.</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>48.2%</td>
<td>+4.9 p.p.</td>
</tr>
<tr>
<td>Europe</td>
<td>59.4%</td>
<td>+3.7 p.p.</td>
</tr>
</tbody>
</table>

### Airport eAWB penetration over past 12 months

![Graph showing eAWB penetration for Glasgow International over past 12 months]

### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DL - Delta Air Lines</td>
<td>92.6%</td>
</tr>
<tr>
<td>2</td>
<td>QR - Qatar Airways</td>
<td>83.6%</td>
</tr>
<tr>
<td>3</td>
<td>KL - KLM</td>
<td>75.6%</td>
</tr>
<tr>
<td>4</td>
<td>LH - Lufthansa Cargo</td>
<td>70.7%</td>
</tr>
<tr>
<td>5</td>
<td>AA - American Airlines</td>
<td>57.7%</td>
</tr>
<tr>
<td>6</td>
<td>AF - Air France</td>
<td>55.6%</td>
</tr>
<tr>
<td>7</td>
<td>AC - Air Canada</td>
<td>47.6%</td>
</tr>
<tr>
<td>8</td>
<td>TK - THY - Turkish Airlines</td>
<td>45.0%</td>
</tr>
<tr>
<td>9</td>
<td>NH - All Nippon Airways</td>
<td>36.7%</td>
</tr>
<tr>
<td>10</td>
<td>EY - Etihad Airways</td>
<td>34.2%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>89.5%</td>
</tr>
<tr>
<td>2</td>
<td>HELLMANN WORLDWIDE LOGISTICS</td>
<td>88.9%</td>
</tr>
<tr>
<td>3</td>
<td>CEVA GROUP</td>
<td>77.8%</td>
</tr>
<tr>
<td>4</td>
<td>EXPEDITORS GROUP</td>
<td>75.0%</td>
</tr>
<tr>
<td>5</td>
<td>KUEHNE + NAGEL</td>
<td>74.2%</td>
</tr>
<tr>
<td>6</td>
<td>DSV AIR &amp; SEA</td>
<td>70.0%</td>
</tr>
<tr>
<td>7</td>
<td>SCHENKER</td>
<td>64.9%</td>
</tr>
<tr>
<td>8</td>
<td>DHL</td>
<td>59.6%</td>
</tr>
<tr>
<td>9</td>
<td>NIPPON EXPRESS</td>
<td>55.8%</td>
</tr>
<tr>
<td>10</td>
<td>DAVIES TURNER AIR CARGO</td>
<td>47.4%</td>
</tr>
</tbody>
</table>

### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>50</td>
<td>37</td>
<td>74.0%</td>
<td>17</td>
<td>34.0%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>62</td>
<td>40</td>
<td>64.5%</td>
<td>23</td>
<td>37.1%</td>
</tr>
</tbody>
</table>
### eAWB Airport Overview - August 2019

#### Volume
<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>15,474</td>
<td>9,601</td>
<td>2,552</td>
<td>7,049</td>
</tr>
</tbody>
</table>

#### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Guarulhos Int’l</td>
<td>26.6%</td>
<td>+0.6 p.p.</td>
</tr>
<tr>
<td>Brazil</td>
<td>32.1%</td>
<td>+1.9 p.p.</td>
</tr>
<tr>
<td>The Americas</td>
<td>50.6%</td>
<td>-0.2 p.p.</td>
</tr>
</tbody>
</table>

### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DL - Delta Air Lines</td>
<td>62.6%</td>
</tr>
<tr>
<td>2</td>
<td>AA - American Airlines</td>
<td>59.7%</td>
</tr>
<tr>
<td>3</td>
<td>LH - Lufthansa Cargo</td>
<td>52.6%</td>
</tr>
<tr>
<td>4</td>
<td>AF - Air France</td>
<td>51.2%</td>
</tr>
<tr>
<td>5</td>
<td>LX - SWISS</td>
<td>42.8%</td>
</tr>
<tr>
<td>6</td>
<td>KL - KLM</td>
<td>36.8%</td>
</tr>
<tr>
<td>7</td>
<td>QR - Qatar Airways</td>
<td>36.0%</td>
</tr>
<tr>
<td>8</td>
<td>TK - THY - Turkish Airlines</td>
<td>23.9%</td>
</tr>
<tr>
<td>9</td>
<td>5X - UPS Airlines</td>
<td>18.2%</td>
</tr>
<tr>
<td>10</td>
<td>SV - Saudi Arabian Airlines</td>
<td>18.2%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>87.4%</td>
</tr>
<tr>
<td>2</td>
<td>CEVA GROUP</td>
<td>84.4%</td>
</tr>
<tr>
<td>3</td>
<td>PANALPINA</td>
<td>76.6%</td>
</tr>
<tr>
<td>4</td>
<td>EXPEDITORS GROUP</td>
<td>74.8%</td>
</tr>
<tr>
<td>5</td>
<td>SCHENKER</td>
<td>62.7%</td>
</tr>
<tr>
<td>6</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>61.8%</td>
</tr>
<tr>
<td>7</td>
<td>FERMAC CARGO CONSULTORIA ASSESS. EM TRANSPORTES</td>
<td>41.5%</td>
</tr>
<tr>
<td>8</td>
<td>KUEHNE + NAGEL</td>
<td>34.6%</td>
</tr>
<tr>
<td>9</td>
<td>DACHSER</td>
<td>23.2%</td>
</tr>
<tr>
<td>10</td>
<td>GEODIS</td>
<td>13.0%</td>
</tr>
</tbody>
</table>

#### Airport eAWB penetration over past 12 months

<table>
<thead>
<tr>
<th>Month</th>
<th>eAWB penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug '18</td>
<td>26.6%</td>
</tr>
<tr>
<td>Sep '18</td>
<td>30.1%</td>
</tr>
<tr>
<td>Oct '18</td>
<td>32.1%</td>
</tr>
<tr>
<td>Nov '18</td>
<td>33.0%</td>
</tr>
<tr>
<td>Dec '18</td>
<td>33.0%</td>
</tr>
<tr>
<td>Jan '19</td>
<td>32.6%</td>
</tr>
<tr>
<td>Feb '19</td>
<td>32.3%</td>
</tr>
<tr>
<td>Mar '19</td>
<td>32.1%</td>
</tr>
<tr>
<td>Apr '19</td>
<td>31.9%</td>
</tr>
<tr>
<td>May '19</td>
<td>31.6%</td>
</tr>
<tr>
<td>Jun '19</td>
<td>31.3%</td>
</tr>
<tr>
<td>Jul '19</td>
<td>31.0%</td>
</tr>
<tr>
<td>Aug '19</td>
<td>30.7%</td>
</tr>
</tbody>
</table>

### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>33</td>
<td>28</td>
<td>84.8%</td>
<td>13</td>
<td>39.4%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>162</td>
<td>73</td>
<td>45.1%</td>
<td>31</td>
<td>19.1%</td>
</tr>
</tbody>
</table>

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# eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>GVA - Geneve-Cointrin</td>
<td>GVA - Geneva</td>
<td>CH - Switzerland</td>
<td>Europe</td>
<td>Both</td>
<td>Yes</td>
</tr>
</tbody>
</table>

## Volume

<table>
<thead>
<tr>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>6,353</td>
<td>4,231</td>
<td>2,931</td>
<td>1,300</td>
</tr>
</tbody>
</table>

## eAWB Penetration and Change vs Previous Month

<table>
<thead>
<tr>
<th>Region</th>
<th>eAWB Penetration</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Europe</td>
<td>69.3%</td>
<td>+10.0 p.p.</td>
</tr>
<tr>
<td>Switzerland</td>
<td>65.1%</td>
<td>+6.6 p.p.</td>
</tr>
<tr>
<td>Europe</td>
<td>59.4%</td>
<td>+3.7 p.p.</td>
</tr>
</tbody>
</table>

## Airport eAWB Penetration over Past 12 Months

![Graph showing the trend of eAWB penetration over the past 12 months](image)

## Top Airlines by eAWB Penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AF - Air France</td>
<td>83.9%</td>
</tr>
<tr>
<td>2</td>
<td>LH - Lufthansa Cargo</td>
<td>81.9%</td>
</tr>
<tr>
<td>3</td>
<td>DL - Delta Air Lines</td>
<td>81.8%</td>
</tr>
<tr>
<td>4</td>
<td>KL - KLM</td>
<td>78.2%</td>
</tr>
<tr>
<td>5</td>
<td>KE - Korean Air</td>
<td>77.8%</td>
</tr>
<tr>
<td>6</td>
<td>EY - Etihad Airways</td>
<td>77.1%</td>
</tr>
<tr>
<td>7</td>
<td>LX - SWISS</td>
<td>75.0%</td>
</tr>
<tr>
<td>8</td>
<td>QR - Qatar Airways</td>
<td>63.7%</td>
</tr>
<tr>
<td>9</td>
<td>AC - Air Canada</td>
<td>62.9%</td>
</tr>
<tr>
<td>10</td>
<td>BA - IAG - British Airways</td>
<td>62.0%</td>
</tr>
</tbody>
</table>

## Top FF Groups by eAWB Penetration (from Top 20 by Volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>WORLD COURIER</td>
<td>96.8%</td>
</tr>
<tr>
<td>2</td>
<td>BOLLORE</td>
<td>90.5%</td>
</tr>
<tr>
<td>3</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>86.6%</td>
</tr>
<tr>
<td>4</td>
<td>AGILITY</td>
<td>84.1%</td>
</tr>
<tr>
<td>5</td>
<td>SCHENKER</td>
<td>84.0%</td>
</tr>
<tr>
<td>6</td>
<td>JETIVIA</td>
<td>82.1%</td>
</tr>
<tr>
<td>7</td>
<td>TRANSIT’AIR</td>
<td>81.7%</td>
</tr>
<tr>
<td>8</td>
<td>FERRARI EXPEDITIONS</td>
<td>80.9%</td>
</tr>
<tr>
<td>9</td>
<td>MALCA-AMIT</td>
<td>76.2%</td>
</tr>
<tr>
<td>10</td>
<td>RITSCHARD</td>
<td>72.5%</td>
</tr>
</tbody>
</table>

## MeA and eAWB Status at Airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>45</td>
<td>32</td>
<td>71.1%</td>
<td>16</td>
<td>35.6%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>64</td>
<td>36</td>
<td>56.3%</td>
<td>36</td>
<td>56.3%</td>
</tr>
</tbody>
</table>
## eAWB Airport Overview - August 2019

### Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>4,357</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>3,777</td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>2,972</td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>805</td>
</tr>
</tbody>
</table>

### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Region</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Europe</td>
<td>78.7%</td>
<td>-0.9 p.p.</td>
</tr>
<tr>
<td>Germany</td>
<td>68.5%</td>
<td>+2.4 p.p.</td>
</tr>
<tr>
<td>Hanover Arpt</td>
<td>59.4%</td>
<td>+3.7 p.p.</td>
</tr>
</tbody>
</table>

### Airport eAWB penetration over past 12 months

![Graph showing airport eAWB penetration over past 12 months with 78.7% in Aug '19](image)

### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AF - Air France</td>
<td>99.1%</td>
</tr>
<tr>
<td>2</td>
<td>KL - KLM</td>
<td>98.5%</td>
</tr>
<tr>
<td>3</td>
<td>DL - Delta Air Lines</td>
<td>94.4%</td>
</tr>
<tr>
<td>4</td>
<td>SV - Saudi Arabian Airlines</td>
<td>86.5%</td>
</tr>
<tr>
<td>5</td>
<td>AA - American Airlines</td>
<td>81.3%</td>
</tr>
<tr>
<td>6</td>
<td>LH - Lufthansa Cargo</td>
<td>80.4%</td>
</tr>
<tr>
<td>7</td>
<td>QR - Qatar Airways</td>
<td>78.1%</td>
</tr>
<tr>
<td>8</td>
<td>AC - Air Canada</td>
<td>74.1%</td>
</tr>
<tr>
<td>9</td>
<td>EY - Etihad Airways</td>
<td>67.8%</td>
</tr>
<tr>
<td>10</td>
<td>IB - IAG - IBERIA</td>
<td>57.1%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>A HARTRODT</td>
<td>99.1%</td>
</tr>
<tr>
<td>2</td>
<td>MARDIN TRANSPORT</td>
<td>97.8%</td>
</tr>
<tr>
<td>3</td>
<td>PANALPINA</td>
<td>95.4%</td>
</tr>
<tr>
<td>4</td>
<td>SENATOR INTL</td>
<td>94.7%</td>
</tr>
<tr>
<td>5</td>
<td>SCHENKER</td>
<td>93.8%</td>
</tr>
<tr>
<td>6</td>
<td>ROHLIG</td>
<td>92.9%</td>
</tr>
<tr>
<td>7</td>
<td>LOGWIN AIR + OCEAN INTL</td>
<td>91.9%</td>
</tr>
<tr>
<td>8</td>
<td>KUEHNE + NAGEL</td>
<td>90.1%</td>
</tr>
<tr>
<td>9</td>
<td>ATEGE</td>
<td>90.0%</td>
</tr>
<tr>
<td>10</td>
<td>JAS FORWARDING</td>
<td>89.2%</td>
</tr>
</tbody>
</table>

### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>64</td>
<td>41</td>
<td>64.1%</td>
<td>18</td>
<td>28.1%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>106</td>
<td>67</td>
<td>63.2%</td>
<td>73</td>
<td>68.9%</td>
</tr>
</tbody>
</table>
eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAM - Fuhlsbuettel</td>
<td>HAM - Hamburg</td>
<td>DE - Germany</td>
<td>Europe</td>
<td>MC99</td>
<td></td>
</tr>
</tbody>
</table>

**Volume**

- Total AWB: 16,471
- eAWB Network: 11,459
- eAWB Actual: 8,478
- eAWB Potential: 2,981

**eAWB penetration and change vs previous month**

- Fuhlsbuettel: 74.0% (+10.8 p.p.)
- Germany: 68.5% (+2.4 p.p.)
- Europe: 59.4% (+3.7 p.p.)

**Airport eAWB penetration over past 12 months**

**Top Airlines by eAWB penetration**

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KE - Korean Air</td>
<td>99.0%</td>
</tr>
<tr>
<td>2</td>
<td>CI - China Airlines</td>
<td>91.7%</td>
</tr>
<tr>
<td>3</td>
<td>AF - Air France</td>
<td>91.6%</td>
</tr>
<tr>
<td>4</td>
<td>KL - KLM</td>
<td>90.8%</td>
</tr>
<tr>
<td>5</td>
<td>LH - Lufthansa Cargo</td>
<td>79.3%</td>
</tr>
<tr>
<td>6</td>
<td>LX - SWISS</td>
<td>72.9%</td>
</tr>
<tr>
<td>7</td>
<td>DL - Delta Air Lines</td>
<td>68.0%</td>
</tr>
<tr>
<td>8</td>
<td>CX - Cathay Pacific</td>
<td>65.5%</td>
</tr>
<tr>
<td>9</td>
<td>EY - Etihad Airways</td>
<td>63.5%</td>
</tr>
<tr>
<td>10</td>
<td>AA - American Airlines</td>
<td>60.0%</td>
</tr>
</tbody>
</table>

**Top FF Groups by eAWB penetration (from top 20 by volume)**

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>BOLLORE</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>SCHENKER</td>
<td>99.1%</td>
</tr>
<tr>
<td>3</td>
<td>KRAS LOGISTICS</td>
<td>98.8%</td>
</tr>
<tr>
<td>4</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>95.9%</td>
</tr>
<tr>
<td>5</td>
<td>EXPRESS AIR SYSTEMS</td>
<td>94.0%</td>
</tr>
<tr>
<td>6</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>93.3%</td>
</tr>
<tr>
<td>7</td>
<td>FLYING WHEELS SPEDITION</td>
<td>88.4%</td>
</tr>
<tr>
<td>8</td>
<td>RED LINE INTL</td>
<td>86.7%</td>
</tr>
<tr>
<td>9</td>
<td>A HARTRODT</td>
<td>86.2%</td>
</tr>
<tr>
<td>10</td>
<td>LOGWIN AIR + OCEAN INTL</td>
<td>85.7%</td>
</tr>
</tbody>
</table>

**MeA and eAWB status at airport**

- Airlines: Count Signed MeA % Who Does eAWB %
  - 74 47 63.5% 19 25.7%

- FF Groups: Count Signed MeA % Who Does eAWB %
  - 171 87 50.9% 119 69.6%

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### eAWB Airport Overview - August 2019

#### Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>5,055</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>2,580</td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>1,621</td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>959</td>
</tr>
</tbody>
</table>

#### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Helsinki-Vantaa</td>
<td>62.8%</td>
<td>+4.7 p.p.</td>
</tr>
<tr>
<td>Finland</td>
<td>62.8%</td>
<td>+4.7 p.p.</td>
</tr>
<tr>
<td>Europe</td>
<td>59.4%</td>
<td>+3.7 p.p.</td>
</tr>
</tbody>
</table>

#### Airport eAWB penetration over past 12 months

<table>
<thead>
<tr>
<th>Month</th>
<th>eAWB penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug '18</td>
<td>62.8%</td>
</tr>
<tr>
<td>Sep '18</td>
<td>62.8%</td>
</tr>
<tr>
<td>Oct '18</td>
<td>62.8%</td>
</tr>
<tr>
<td>Nov '18</td>
<td>62.8%</td>
</tr>
<tr>
<td>Dec '18</td>
<td>62.8%</td>
</tr>
<tr>
<td>Jan '19</td>
<td>62.8%</td>
</tr>
<tr>
<td>Feb '19</td>
<td>62.8%</td>
</tr>
<tr>
<td>Mar '19</td>
<td>62.8%</td>
</tr>
<tr>
<td>Apr '19</td>
<td>62.8%</td>
</tr>
<tr>
<td>May '19</td>
<td>62.8%</td>
</tr>
<tr>
<td>Jun '19</td>
<td>62.8%</td>
</tr>
<tr>
<td>Jul '19</td>
<td>62.8%</td>
</tr>
<tr>
<td>Aug '19</td>
<td>62.8%</td>
</tr>
</tbody>
</table>

#### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AF - Air France</td>
<td>96.0%</td>
</tr>
<tr>
<td>2</td>
<td>KE - Korean Air</td>
<td>95.7%</td>
</tr>
<tr>
<td>3</td>
<td>KL - KLM</td>
<td>95.3%</td>
</tr>
<tr>
<td>4</td>
<td>CX - Cathay Pacific</td>
<td>94.2%</td>
</tr>
<tr>
<td>5</td>
<td>LH - Lufthansa Cargo</td>
<td>82.2%</td>
</tr>
<tr>
<td>6</td>
<td>DL - Delta Air Lines</td>
<td>68.7%</td>
</tr>
<tr>
<td>7</td>
<td>QR - Qatar Airways</td>
<td>62.1%</td>
</tr>
<tr>
<td>8</td>
<td>KZ - Nippon Cargo Airlines (NCA)</td>
<td>60.0%</td>
</tr>
<tr>
<td>9</td>
<td>TK - THY - Turkish Airlines</td>
<td>52.4%</td>
</tr>
<tr>
<td>10</td>
<td>5X - UPS Airlines</td>
<td>50.0%</td>
</tr>
</tbody>
</table>

#### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>VAASAHUOLINTA</td>
<td>98.1%</td>
</tr>
<tr>
<td>2</td>
<td>CEVA GROUP</td>
<td>97.0%</td>
</tr>
<tr>
<td>3</td>
<td>EXPEDITORS GROUP</td>
<td>93.0%</td>
</tr>
<tr>
<td>4</td>
<td>SCHENKER</td>
<td>88.4%</td>
</tr>
<tr>
<td>5</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>86.7%</td>
</tr>
<tr>
<td>6</td>
<td>DSV AIR &amp; SEA</td>
<td>86.2%</td>
</tr>
<tr>
<td>7</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>84.1%</td>
</tr>
<tr>
<td>8</td>
<td>WORLD COURIER</td>
<td>83.3%</td>
</tr>
<tr>
<td>9</td>
<td>DACHSER</td>
<td>73.5%</td>
</tr>
<tr>
<td>10</td>
<td>KUEHNE + NAGEL</td>
<td>72.3%</td>
</tr>
</tbody>
</table>

#### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>% Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>35</td>
<td>30</td>
<td>85.7%</td>
<td>15</td>
</tr>
<tr>
<td>FF Groups</td>
<td>42</td>
<td>37</td>
<td>88.1%</td>
<td>35</td>
</tr>
</tbody>
</table>
## eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>HKG - Hong Kong Int'l</td>
<td>HKG - Hong Kong</td>
<td>HK - Hong Kong (SAR), China</td>
<td>North Asia</td>
<td>Both</td>
<td></td>
</tr>
</tbody>
</table>

### Volume

<table>
<thead>
<tr>
<th></th>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>154,648</td>
<td>98,471</td>
<td>78,741</td>
<td>19,730</td>
<td></td>
</tr>
</tbody>
</table>

### eAWB Penetration and Change vs Previous Month

<table>
<thead>
<tr>
<th>Airport</th>
<th>eAWB Penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hong Kong Int'l</td>
<td>80.0%</td>
<td>+8.5 p.p.</td>
</tr>
<tr>
<td>Hong Kong (SAR), China</td>
<td>80.0%</td>
<td>+8.5 p.p.</td>
</tr>
<tr>
<td>North Asia</td>
<td>72.1%</td>
<td>+3.1 p.p.</td>
</tr>
</tbody>
</table>

### Top Airlines by eAWB Penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CX - Cathay Pacific</td>
<td>99.9%</td>
</tr>
<tr>
<td>2</td>
<td>SQ - Singapore Airlines</td>
<td>97.4%</td>
</tr>
<tr>
<td>3</td>
<td>LH - Lufthansa Cargo</td>
<td>96.6%</td>
</tr>
<tr>
<td>4</td>
<td>LX - SWISS</td>
<td>95.1%</td>
</tr>
<tr>
<td>5</td>
<td>CI - China Airlines</td>
<td>94.9%</td>
</tr>
<tr>
<td>6</td>
<td>BA - IAG - British Airways</td>
<td>94.0%</td>
</tr>
<tr>
<td>7</td>
<td>BR - EVA Air</td>
<td>93.7%</td>
</tr>
<tr>
<td>8</td>
<td>DL - Delta Air Lines</td>
<td>91.4%</td>
</tr>
<tr>
<td>9</td>
<td>QR - Qatar Airways</td>
<td>86.6%</td>
</tr>
<tr>
<td>10</td>
<td>QF - Qantas</td>
<td>77.5%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB Penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>BAS HK</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>TNT EXPRESS</td>
<td>100.0%</td>
</tr>
<tr>
<td>3</td>
<td>PANDA AIR</td>
<td>100.0%</td>
</tr>
<tr>
<td>4</td>
<td>BEL INTERNATIONAL LOGISTICS</td>
<td>100.0%</td>
</tr>
<tr>
<td>5</td>
<td>CTI LOGISTICS</td>
<td>99.6%</td>
</tr>
<tr>
<td>6</td>
<td>NIPPON EXPRESS</td>
<td>99.4%</td>
</tr>
<tr>
<td>7</td>
<td>VINFLAIR LOGISTICS</td>
<td>99.0%</td>
</tr>
<tr>
<td>8</td>
<td>SHIPAIR EXPRESS</td>
<td>95.8%</td>
</tr>
<tr>
<td>9</td>
<td>CHINA FREIGHT</td>
<td>95.1%</td>
</tr>
<tr>
<td>10</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>90.7%</td>
</tr>
</tbody>
</table>

### MeA and eAWB Status at Airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>50</td>
<td>42</td>
<td>84.0%</td>
<td>23</td>
</tr>
<tr>
<td>FF Groups</td>
<td>280</td>
<td>125</td>
<td>44.6%</td>
<td>208</td>
</tr>
</tbody>
</table>
eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>HND - Haneda</td>
<td>TYO - Tokyo</td>
<td>JP - Japan</td>
<td>Asia Pacific</td>
<td>Both</td>
<td></td>
</tr>
</tbody>
</table>

**Volume**

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>eAWB</td>
<td>6,684</td>
<td>3,948</td>
<td>1,317</td>
<td>2,631</td>
</tr>
</tbody>
</table>

**eAWB penetration and change vs previous month**

<table>
<thead>
<tr>
<th>Airport</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Haneda</td>
<td>33.4%</td>
<td>-2.9 p.p.</td>
</tr>
<tr>
<td>Japan</td>
<td>46.2%</td>
<td>-2.7 p.p.</td>
</tr>
<tr>
<td>Asia Pacific</td>
<td>63.7%</td>
<td>-0.3 p.p.</td>
</tr>
</tbody>
</table>

**Top Airlines by eAWB penetration**

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AF - Air France</td>
<td>95.0%</td>
</tr>
<tr>
<td>2</td>
<td>CX - Cathay Pacific</td>
<td>67.5%</td>
</tr>
<tr>
<td>3</td>
<td>AC - Air Canada</td>
<td>57.1%</td>
</tr>
<tr>
<td>4</td>
<td>NH - All Nippon Airways</td>
<td>45.0%</td>
</tr>
<tr>
<td>5</td>
<td>LH - Lufthansa Cargo</td>
<td>31.3%</td>
</tr>
<tr>
<td>6</td>
<td>Sx - UPS Airlines</td>
<td>23.8%</td>
</tr>
<tr>
<td>7</td>
<td>KE - Korean Air</td>
<td>16.5%</td>
</tr>
<tr>
<td>8</td>
<td>JL - Japan Airlines</td>
<td>12.0%</td>
</tr>
<tr>
<td>9</td>
<td>CA - Air China</td>
<td>10.2%</td>
</tr>
<tr>
<td>10</td>
<td>QR - Qatar Airways</td>
<td>8.7%</td>
</tr>
</tbody>
</table>

**Top FF Groups by eAWB penetration (from top 20 by volume)**

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DHL</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>WORLD COURIER</td>
<td>95.5%</td>
</tr>
<tr>
<td>3</td>
<td>HANKYU HANSHIN EXPRESS</td>
<td>93.9%</td>
</tr>
<tr>
<td>4</td>
<td>INTERNATIONAL EXPRESS</td>
<td>58.0%</td>
</tr>
<tr>
<td>5</td>
<td>NNR GLOBAL LOGISTICS</td>
<td>52.1%</td>
</tr>
<tr>
<td>6</td>
<td>YUSEN</td>
<td>45.8%</td>
</tr>
<tr>
<td>7</td>
<td>OCS - OVERSEAS COURIER SERVICES</td>
<td>41.2%</td>
</tr>
<tr>
<td>8</td>
<td>NAX</td>
<td>35.7%</td>
</tr>
<tr>
<td>9</td>
<td>NIPPON EXPRESS</td>
<td>32.9%</td>
</tr>
<tr>
<td>10</td>
<td>JAPAN POST SANKYU GLOBAL LOGISTICS</td>
<td>24.4%</td>
</tr>
</tbody>
</table>

**MeA and eAWB status at airport**

<table>
<thead>
<tr>
<th>MeA</th>
<th>% Who eAWB</th>
<th>% Who Does eAWB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>83.3%</td>
<td>11</td>
</tr>
<tr>
<td>FF Groups</td>
<td>45.8%</td>
<td>22</td>
</tr>
</tbody>
</table>

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# eAWB Airport Overview - August 2019

## Region: The Americas

<table>
<thead>
<tr>
<th>Airport</th>
<th>City</th>
<th>Country</th>
<th>Volume (e)AWB</th>
</tr>
</thead>
<tbody>
<tr>
<td>IAD - Dulles Int'l</td>
<td>WAS - Washington</td>
<td>US - USA</td>
<td>2,614</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Volume</th>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>8,058</td>
<td>5,139</td>
<td>2,614</td>
<td>2,525</td>
</tr>
</tbody>
</table>

## eAWB Penetration and Change vs Previous Month

<table>
<thead>
<tr>
<th>Airport</th>
<th>eAWB Penetration</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dulles Int'l</td>
<td>50.9%</td>
<td>-1.2 p.p.</td>
</tr>
<tr>
<td>USA</td>
<td>55.7%</td>
<td>-0.3 p.p.</td>
</tr>
<tr>
<td>The Americas</td>
<td>50.6%</td>
<td>-0.2 p.p.</td>
</tr>
</tbody>
</table>

## Airport eAWB Penetration over Past 12 Months

![Graph showing eAWB penetration over past 12 months](image)

## Top Airlines by eAWB Penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>QR - Qatar Airways</td>
<td>88.2%</td>
</tr>
<tr>
<td>2</td>
<td>AC - Air Canada</td>
<td>83.2%</td>
</tr>
<tr>
<td>3</td>
<td>DL - Delta Air Lines</td>
<td>80.8%</td>
</tr>
<tr>
<td>4</td>
<td>AF - Air France</td>
<td>79.9%</td>
</tr>
<tr>
<td>5</td>
<td>CX - Cathay Pacific</td>
<td>75.0%</td>
</tr>
<tr>
<td>6</td>
<td>AA - American Airlines</td>
<td>69.0%</td>
</tr>
<tr>
<td>7</td>
<td>KL - KLM</td>
<td>64.2%</td>
</tr>
<tr>
<td>8</td>
<td>KE - Korean Air</td>
<td>57.1%</td>
</tr>
<tr>
<td>9</td>
<td>SV - Saudi Arabian Airlines</td>
<td>54.5%</td>
</tr>
<tr>
<td>10</td>
<td>LH - Lufthansa Cargo</td>
<td>53.5%</td>
</tr>
</tbody>
</table>

## Top FF Groups by eAWB Penetration (from Top 20 by Volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>MERCURY AIR CARGO</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>CARGO TRANSPORT</td>
<td>92.2%</td>
</tr>
<tr>
<td>3</td>
<td>SCHENKER</td>
<td>79.0%</td>
</tr>
<tr>
<td>4</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>75.7%</td>
</tr>
<tr>
<td>5</td>
<td>CAVALIER INTL AIR FREIGHT</td>
<td>75.5%</td>
</tr>
<tr>
<td>6</td>
<td>JOHN S CONNOR</td>
<td>71.2%</td>
</tr>
<tr>
<td>7</td>
<td>EXPEDITORS GROUP</td>
<td>70.1%</td>
</tr>
<tr>
<td>8</td>
<td>JAS FORWARDING</td>
<td>70.0%</td>
</tr>
<tr>
<td>9</td>
<td>DSV AIR &amp; SEA</td>
<td>67.3%</td>
</tr>
<tr>
<td>10</td>
<td>POLARIS WW LOGS</td>
<td>61.4%</td>
</tr>
</tbody>
</table>

## MeA and eAWB Status at Airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>54</td>
<td>37</td>
<td>68.5%</td>
<td>18</td>
<td>33.3%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>210</td>
<td>111</td>
<td>52.9%</td>
<td>86</td>
<td>41.0%</td>
</tr>
</tbody>
</table>
### eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>IAH - George Bush Intercntl</td>
<td>HOU - Houston</td>
<td>US - USA</td>
<td>The Americas</td>
<td>Both</td>
<td>Yes</td>
</tr>
</tbody>
</table>

#### Volume
- (e)AWB
- Total AWB: 14,046
- eAWB Network: 8,790
- eAWB Actual: 4,483
- eAWB Potential: 4,307

#### eAWB penetration and change vs previous month
- **George Bush Intercntl**
  - eAWB penetration: 51.0%
- **USA**
  - eAWB penetration: 55.7%
  - Change: -0.3 p.p.
- **The Americas**
  - eAWB penetration: 50.6%
  - Change: -0.2 p.p.

#### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>QR - Qatar Airways</td>
<td>80.9%</td>
</tr>
<tr>
<td>2</td>
<td>KL - KLM</td>
<td>80.6%</td>
</tr>
<tr>
<td>3</td>
<td>AF - Air France</td>
<td>79.5%</td>
</tr>
<tr>
<td>4</td>
<td>CX - Cathay Pacific</td>
<td>75.7%</td>
</tr>
<tr>
<td>5</td>
<td>KE - Korean Air</td>
<td>75.0%</td>
</tr>
<tr>
<td>6</td>
<td>KZ - Nippon Cargo Airlines (NCA)</td>
<td>71.4%</td>
</tr>
<tr>
<td>7</td>
<td>AA - American Airlines</td>
<td>69.1%</td>
</tr>
<tr>
<td>8</td>
<td>LH - Lufthansa Cargo</td>
<td>67.1%</td>
</tr>
<tr>
<td>9</td>
<td>SV - Saudi Arabian Airlines</td>
<td>66.7%</td>
</tr>
<tr>
<td>10</td>
<td>SQ - Singapore Airlines</td>
<td>57.5%</td>
</tr>
</tbody>
</table>

#### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SCHENKER</td>
<td>96.0%</td>
</tr>
<tr>
<td>2</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>93.7%</td>
</tr>
<tr>
<td>3</td>
<td>BOLLORE</td>
<td>92.6%</td>
</tr>
<tr>
<td>4</td>
<td>HELLMANN WORLDWIDE LOGISTICS</td>
<td>92.1%</td>
</tr>
<tr>
<td>5</td>
<td>CEVA GROUP</td>
<td>88.5%</td>
</tr>
<tr>
<td>6</td>
<td>CRANE WORLD WIDE LOGISTICS</td>
<td>81.6%</td>
</tr>
<tr>
<td>7</td>
<td>EXPEDITORS GROUP</td>
<td>74.8%</td>
</tr>
<tr>
<td>8</td>
<td>SHIPCO TRANSPORT</td>
<td>72.3%</td>
</tr>
<tr>
<td>9</td>
<td>AGILITY</td>
<td>71.1%</td>
</tr>
<tr>
<td>10</td>
<td>PRO CARGO</td>
<td>69.7%</td>
</tr>
</tbody>
</table>

#### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>% Does eAWB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>57</td>
<td>41</td>
<td>71.9%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>377</td>
<td>209</td>
<td>55.4%</td>
</tr>
</tbody>
</table>
## eAWB Airport Overview - August 2019

### Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>87,076</td>
<td>50,753</td>
<td>36,969</td>
<td>13,784</td>
</tr>
</tbody>
</table>

### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Airport</th>
<th>eAWB penetration</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Incheon International</td>
<td>72.8%</td>
<td>-5.2 p.p.</td>
</tr>
<tr>
<td>Korea, Republic of</td>
<td>72.1%</td>
<td>-6.3 p.p.</td>
</tr>
<tr>
<td>Asia Pacific</td>
<td>63.7%</td>
<td>-0.3 p.p.</td>
</tr>
</tbody>
</table>

### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AA - American Airlines</td>
<td>99.2%</td>
</tr>
<tr>
<td>2</td>
<td>CX - Cathay Pacific</td>
<td>96.7%</td>
</tr>
<tr>
<td>3</td>
<td>KL - KLM</td>
<td>96.4%</td>
</tr>
<tr>
<td>4</td>
<td>AF - Air France</td>
<td>96.2%</td>
</tr>
<tr>
<td>5</td>
<td>QR - Qatar Airways</td>
<td>95.7%</td>
</tr>
<tr>
<td>6</td>
<td>KE - Korean Air</td>
<td>89.0%</td>
</tr>
<tr>
<td>7</td>
<td>LH - Lufthansa Cargo</td>
<td>86.6%</td>
</tr>
<tr>
<td>8</td>
<td>DL - Delta Air Lines</td>
<td>80.5%</td>
</tr>
<tr>
<td>9</td>
<td>BA - IAG - British Airways</td>
<td>73.1%</td>
</tr>
<tr>
<td>10</td>
<td>AC - Air Canada</td>
<td>69.2%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>WAC INTERNATIONAL LOGISTICS</td>
<td>96.6%</td>
</tr>
<tr>
<td>2</td>
<td>HTNS - HANARO TNS</td>
<td>95.7%</td>
</tr>
<tr>
<td>3</td>
<td>KWE - KINETETSU WORLD EXPRESS</td>
<td>93.3%</td>
</tr>
<tr>
<td>4</td>
<td>EXPEDITORS GROUP</td>
<td>89.9%</td>
</tr>
<tr>
<td>5</td>
<td>EAST ASIA AIREXPRESS</td>
<td>85.6%</td>
</tr>
<tr>
<td>6</td>
<td>CJ KOREA EXPRESS</td>
<td>85.5%</td>
</tr>
<tr>
<td>7</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>85.3%</td>
</tr>
<tr>
<td>8</td>
<td>SC LOGISTICS</td>
<td>84.6%</td>
</tr>
<tr>
<td>9</td>
<td>SCHENKER</td>
<td>83.7%</td>
</tr>
<tr>
<td>10</td>
<td>PANTOS LOGS</td>
<td>83.1%</td>
</tr>
</tbody>
</table>

### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>48</td>
<td>42</td>
<td>87.5%</td>
<td>20</td>
<td>41.7%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>234</td>
<td>125</td>
<td>53.4%</td>
<td>198</td>
<td>84.6%</td>
</tr>
</tbody>
</table>
### eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>IST - Ataturk</td>
<td>IST - Istanbul</td>
<td>TR - Turkey</td>
<td>Europe</td>
<td>Both</td>
<td>Yes</td>
</tr>
</tbody>
</table>

#### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Airport</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atatürk</td>
<td>73.9%</td>
<td>+5.0 p.p.</td>
</tr>
<tr>
<td>Turkey</td>
<td>74.8%</td>
<td>+4.8 p.p.</td>
</tr>
<tr>
<td>Europe</td>
<td>59.4%</td>
<td>+3.7 p.p.</td>
</tr>
</tbody>
</table>

#### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>TK - THY - Turkish Airlines</td>
<td>78.6%</td>
</tr>
<tr>
<td>2</td>
<td>LH - Lufthansa Cargo</td>
<td>77.7%</td>
</tr>
<tr>
<td>3</td>
<td>QR - Qatar Airways</td>
<td>72.4%</td>
</tr>
<tr>
<td>4</td>
<td>WY - Oman Air</td>
<td>65.2%</td>
</tr>
<tr>
<td>5</td>
<td>SQ - Singapore Airlines</td>
<td>65.1%</td>
</tr>
<tr>
<td>6</td>
<td>SX - UPS Airlines</td>
<td>51.6%</td>
</tr>
<tr>
<td>7</td>
<td>KE - Korean Air</td>
<td>48.8%</td>
</tr>
<tr>
<td>8</td>
<td>KL - KLM</td>
<td>39.3%</td>
</tr>
<tr>
<td>9</td>
<td>SV - Saudi Arabian Airlines</td>
<td>35.2%</td>
</tr>
<tr>
<td>10</td>
<td>AF - Air France</td>
<td>33.3%</td>
</tr>
</tbody>
</table>

#### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>TRANSPORT TURKEY</td>
<td>99.5%</td>
</tr>
<tr>
<td>2</td>
<td>AIR TECH KARGO</td>
<td>99.4%</td>
</tr>
<tr>
<td>3</td>
<td>HELLMANN WORLDWIDE LOGISTICS</td>
<td>99.4%</td>
</tr>
<tr>
<td>4</td>
<td>EXPEDITORS GROUP</td>
<td>99.2%</td>
</tr>
<tr>
<td>5</td>
<td>ALBATRANS</td>
<td>97.5%</td>
</tr>
<tr>
<td>6</td>
<td>AS-AV INTL TRANSP</td>
<td>97.2%</td>
</tr>
<tr>
<td>7</td>
<td>MARS AIR AND SEA</td>
<td>96.8%</td>
</tr>
<tr>
<td>8</td>
<td>KUEHNE + NAGEL</td>
<td>95.1%</td>
</tr>
<tr>
<td>9</td>
<td>SCHENKER</td>
<td>94.9%</td>
</tr>
<tr>
<td>10</td>
<td>GENEL TRANSPORT</td>
<td>94.6%</td>
</tr>
</tbody>
</table>

#### Airport eAWB penetration over past 12 months

- Aug '18: 73.9%
- Sep '18: 74.8%
- Oct '18: 59.4%
- Nov '18: 58.4%
- Dec '18: 0%
- Jan '19: 10%
- Feb '19: 20%
- Mar '19: 30%
- Apr '19: 40%
- May '19: 50%
- Jun '19: 60%
- Jul '19: 70%
- Aug '19: 80%

#### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA %</th>
<th>% Does eAWB</th>
<th>% Does eAWB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>29</td>
<td>69.0%</td>
<td>9</td>
<td>31.0%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>100</td>
<td>48.0%</td>
<td>63</td>
<td>63.0%</td>
</tr>
</tbody>
</table>
### Jeddah - King Abdulaziz Int'l

<table>
<thead>
<tr>
<th>Volume</th>
<th>eAWB penetration and change vs previous month</th>
<th>Airport eAWB penetration over past 12 months</th>
</tr>
</thead>
<tbody>
<tr>
<td>(e)AWB</td>
<td>eAWB penetration %</td>
<td>Change p.p.</td>
</tr>
<tr>
<td>Total AWB</td>
<td>62.2%</td>
<td>+0.3 p.p.</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>59.2%</td>
<td>+13.1 p.p.</td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>65.1%</td>
<td>-7.1 p.p.</td>
</tr>
</tbody>
</table>

### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>LH - Lufthansa Cargo</td>
<td>92.7%</td>
</tr>
<tr>
<td>2</td>
<td>SV - Saudi Arabian Airlines</td>
<td>67.4%</td>
</tr>
<tr>
<td>3</td>
<td>ET - Ethiopian Airlines</td>
<td>58.6%</td>
</tr>
<tr>
<td>4</td>
<td>5X - UPS Airlines</td>
<td>51.2%</td>
</tr>
<tr>
<td>5</td>
<td>EY - Etihad Airways</td>
<td>23.9%</td>
</tr>
<tr>
<td>6</td>
<td>TK - THY - Turkish Airlines</td>
<td>11.8%</td>
</tr>
<tr>
<td>7</td>
<td>BA - IAG - British Airways</td>
<td>0.0%</td>
</tr>
<tr>
<td>8</td>
<td>AT - Royal Air Maroc</td>
<td>0.0%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KUEHNE + NAGEL</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>AIR ATLANTA ICELANDIC</td>
<td>100.0%</td>
</tr>
<tr>
<td>3</td>
<td>SAUDI ARABIA GOV</td>
<td>100.0%</td>
</tr>
<tr>
<td>4</td>
<td>DELTA SHAHN COMPANY</td>
<td>100.0%</td>
</tr>
<tr>
<td>5</td>
<td>AL ZAHER WINGS CARGO SERVICES</td>
<td>95.5%</td>
</tr>
<tr>
<td>6</td>
<td>MOHSEN CARGO SERVICES</td>
<td>78.8%</td>
</tr>
<tr>
<td>7</td>
<td>NAMMA CARGO SRVCS</td>
<td>66.7%</td>
</tr>
<tr>
<td>8</td>
<td>RAINBOW CARGO SERVICES</td>
<td>64.7%</td>
</tr>
<tr>
<td>9</td>
<td>SAUDI TAL FOR COMMERCE &amp; CONTRACTS</td>
<td>63.2%</td>
</tr>
<tr>
<td>10</td>
<td>AL TAYYAR CARGO SERVICES</td>
<td>61.9%</td>
</tr>
</tbody>
</table>

### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>13</td>
<td>12</td>
<td>92.3%</td>
<td>6</td>
<td>46.2%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>34</td>
<td>10</td>
<td>29.4%</td>
<td>23</td>
<td>67.6%</td>
</tr>
</tbody>
</table>
## eAWB Airport Overview - August 2019

### Volume

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>JFK - John F Kennedy Int'l</td>
<td>NYC - New York</td>
<td>US - USA</td>
<td>The Americas</td>
<td>Both</td>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Volume</th>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>AWB Network</th>
<th>AWB Actual</th>
<th>AWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>45,300</td>
<td>33,604</td>
<td>18,019</td>
<td>15,585</td>
<td></td>
</tr>
</tbody>
</table>

### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>John F Kennedy Int'l</td>
<td>53.6%</td>
<td>+2.7 p.p.</td>
</tr>
<tr>
<td>USA</td>
<td>55.7%</td>
<td>-0.3 p.p.</td>
</tr>
<tr>
<td>The Americas</td>
<td>50.6%</td>
<td>-0.2 p.p.</td>
</tr>
</tbody>
</table>

### Airport eAWB penetration over past 12 months

- Aug '18: 39.8%
- Sep '18: 30.0%
- Oct '18: 0%
- Nov '18: 10%
- Dec '18: 20%
- Jan '19: 30%
- Feb '19: 40%
- Mar '19: 50%
- Apr '19: 60%
- May '19: 70%
- Jun '19: 80%
- Jul '19: 90%
- Aug '19: 100%

### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CI - China Airlines</td>
<td>86.3%</td>
</tr>
<tr>
<td>2</td>
<td>DL - Delta Air Lines</td>
<td>81.9%</td>
</tr>
<tr>
<td>3</td>
<td>QR - Qatar Airways</td>
<td>81.8%</td>
</tr>
<tr>
<td>4</td>
<td>SQ - Singapore Airlines</td>
<td>79.9%</td>
</tr>
<tr>
<td>5</td>
<td>AF - Air France</td>
<td>78.9%</td>
</tr>
<tr>
<td>6</td>
<td>AA - American Airlines</td>
<td>75.9%</td>
</tr>
<tr>
<td>7</td>
<td>KL - KLM</td>
<td>72.9%</td>
</tr>
<tr>
<td>8</td>
<td>LH - Lufthansa Cargo</td>
<td>72.6%</td>
</tr>
<tr>
<td>9</td>
<td>AC - Air Canada</td>
<td>69.6%</td>
</tr>
<tr>
<td>10</td>
<td>CX - Cathay Pacific</td>
<td>64.5%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>88.8%</td>
</tr>
<tr>
<td>2</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>86.7%</td>
</tr>
<tr>
<td>3</td>
<td>PANALPINA</td>
<td>86.4%</td>
</tr>
<tr>
<td>4</td>
<td>BDP INTL</td>
<td>82.8%</td>
</tr>
<tr>
<td>5</td>
<td>SCHENKER</td>
<td>80.5%</td>
</tr>
<tr>
<td>6</td>
<td>EXPEDITORS GROUP</td>
<td>79.2%</td>
</tr>
<tr>
<td>7</td>
<td>QUICK INTL COURIER</td>
<td>78.6%</td>
</tr>
<tr>
<td>8</td>
<td>CEVA GROUP</td>
<td>77.5%</td>
</tr>
<tr>
<td>9</td>
<td>BOLLORE</td>
<td>77.4%</td>
</tr>
<tr>
<td>10</td>
<td>ARAMEX - ARAB AMERICAN EXPRESS</td>
<td>75.7%</td>
</tr>
</tbody>
</table>

### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>70</td>
<td>48</td>
<td>68.6%</td>
<td>26</td>
<td>37.1%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>661</td>
<td>339</td>
<td>49.8%</td>
<td>357</td>
<td>52.4%</td>
</tr>
</tbody>
</table>
# eAWB Airport Overview - August 2019

## Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>15,073</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>11,875</td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>7,972</td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>3,903</td>
</tr>
</tbody>
</table>

## eAWB Penetration and Change vs Previous Month

<table>
<thead>
<tr>
<th>Location</th>
<th>eAWB Penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Johannesburg Int'l</td>
<td>67.1%</td>
<td>-4.9 p.p.</td>
</tr>
<tr>
<td>South Africa</td>
<td>67.1%</td>
<td>-0.5 p.p.</td>
</tr>
<tr>
<td>Africa</td>
<td>64.9%</td>
<td>+1.4 p.p.</td>
</tr>
</tbody>
</table>

## Airport eAWB Penetration over Past 12 Months

![Graph showing eAWB penetration over the past 12 months with the airport's current penetration rate of 67.1%.]

### Top Airlines by eAWB Penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AF - Air France</td>
<td>92.9%</td>
</tr>
<tr>
<td>2</td>
<td>QR - Qatar Airways</td>
<td>76.2%</td>
</tr>
<tr>
<td>3</td>
<td>KL - KLM</td>
<td>75.9%</td>
</tr>
<tr>
<td>4</td>
<td>SV - Saudi Arabian Airlines</td>
<td>74.3%</td>
</tr>
<tr>
<td>5</td>
<td>SQ - Singapore Airlines</td>
<td>71.9%</td>
</tr>
<tr>
<td>6</td>
<td>TK - THY - Turkish Airlines</td>
<td>71.4%</td>
</tr>
<tr>
<td>7</td>
<td>LH - Lufthansa Cargo</td>
<td>68.3%</td>
</tr>
<tr>
<td>8</td>
<td>LX - SWISS</td>
<td>60.7%</td>
</tr>
<tr>
<td>9</td>
<td>DL - Delta Air Lines</td>
<td>56.6%</td>
</tr>
<tr>
<td>10</td>
<td>5X - UPS Airlines</td>
<td>51.8%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB Penetration (from top 20 by Volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DHL WORLDWIDE INTL</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>BRIDGES WORLDWIDE LTD</td>
<td>99.7%</td>
</tr>
<tr>
<td>3</td>
<td>ARAMEX - ARAB AMERICAN EXPRESS</td>
<td>97.2%</td>
</tr>
<tr>
<td>4</td>
<td>SCHENKER</td>
<td>89.8%</td>
</tr>
<tr>
<td>5</td>
<td>BRINK'S</td>
<td>84.4%</td>
</tr>
<tr>
<td>6</td>
<td>GROUPAIR</td>
<td>82.0%</td>
</tr>
<tr>
<td>7</td>
<td>CFR FREIGHT</td>
<td>81.4%</td>
</tr>
<tr>
<td>8</td>
<td>UTI</td>
<td>79.4%</td>
</tr>
<tr>
<td>9</td>
<td>MORGAN CARGO</td>
<td>78.1%</td>
</tr>
<tr>
<td>10</td>
<td>AIR MENZIES INTL</td>
<td>76.5%</td>
</tr>
</tbody>
</table>

### MeA and eAWB Status at Airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>25</td>
<td>23</td>
<td>92.0%</td>
<td>17</td>
<td>68.0%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>121</td>
<td>66</td>
<td>54.5%</td>
<td>94</td>
<td>77.7%</td>
</tr>
</tbody>
</table>

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# eAWB Airport Overview - August 2019

## Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>5,322</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>5,186</td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>4,762</td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>424</td>
</tr>
</tbody>
</table>

## eAWB Penetration and Change vs Previous Month

<table>
<thead>
<tr>
<th>Airport</th>
<th>eAWB Penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kaohsiung Int'l</td>
<td>91.8%</td>
<td>-0.5 p.p.</td>
</tr>
<tr>
<td>Chinese Taipei</td>
<td>78.0%</td>
<td>+2.5 p.p.</td>
</tr>
<tr>
<td>North Asia</td>
<td>72.1%</td>
<td>+3.1 p.p.</td>
</tr>
</tbody>
</table>

## Airport eAWB Penetration over Past 12 Months

<table>
<thead>
<tr>
<th>Month</th>
<th>Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug '18</td>
<td>94%</td>
</tr>
<tr>
<td>Sep '18</td>
<td>93%</td>
</tr>
<tr>
<td>Oct '18</td>
<td>92%</td>
</tr>
<tr>
<td>Nov '18</td>
<td>91%</td>
</tr>
<tr>
<td>Dec '18</td>
<td>90%</td>
</tr>
<tr>
<td>Jan '19</td>
<td>89%</td>
</tr>
<tr>
<td>Feb '19</td>
<td>88%</td>
</tr>
<tr>
<td>Mar '19</td>
<td>87%</td>
</tr>
<tr>
<td>Apr '19</td>
<td>86%</td>
</tr>
<tr>
<td>May '19</td>
<td>85%</td>
</tr>
<tr>
<td>Jun '19</td>
<td>84%</td>
</tr>
<tr>
<td>Jul '19</td>
<td>83%</td>
</tr>
<tr>
<td>Aug '19</td>
<td>82%</td>
</tr>
</tbody>
</table>

## Top Airlines by eAWB Penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CX - Cathay Pacific</td>
<td>99.6%</td>
</tr>
<tr>
<td>2</td>
<td>BR - EVA Air</td>
<td>95.5%</td>
</tr>
<tr>
<td>3</td>
<td>CI - China Airlines</td>
<td>93.6%</td>
</tr>
<tr>
<td>4</td>
<td>SO - Singapore Airlines</td>
<td>90.7%</td>
</tr>
<tr>
<td>5</td>
<td>SQX - UPS Airlines</td>
<td>84.9%</td>
</tr>
<tr>
<td>6</td>
<td>TK - THY - Turkish Airlines</td>
<td>60.0%</td>
</tr>
<tr>
<td>7</td>
<td>MU - China Eastern Airlines</td>
<td>3.3%</td>
</tr>
<tr>
<td>8</td>
<td>CA - Air China</td>
<td>0.0%</td>
</tr>
<tr>
<td>9</td>
<td>QR - Qatar Airways</td>
<td>0.0%</td>
</tr>
<tr>
<td>10</td>
<td>NH - All Nippon Airways</td>
<td>0.0%</td>
</tr>
</tbody>
</table>

## Top FF Groups by eAWB Penetration (from Top 20 by Volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>MORRISON EXPRESS</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>DIMERCO EXPRESS</td>
<td>100.0%</td>
</tr>
<tr>
<td>3</td>
<td>JET WAY EXPRESS</td>
<td>100.0%</td>
</tr>
<tr>
<td>4</td>
<td>VANTEC HTS (HITACHI TRANSPORT SYSTEM) FORWARDING</td>
<td>100.0%</td>
</tr>
<tr>
<td>5</td>
<td>DOLPHIN CO</td>
<td>99.6%</td>
</tr>
<tr>
<td>6</td>
<td>ORIENTAL POWER LOGISTICS</td>
<td>98.8%</td>
</tr>
<tr>
<td>7</td>
<td>PACIFIC STAR INTL</td>
<td>98.6%</td>
</tr>
<tr>
<td>8</td>
<td>SAN GIANT EXPRESS</td>
<td>98.6%</td>
</tr>
<tr>
<td>9</td>
<td>EVERGREEN LOGISTICS</td>
<td>98.5%</td>
</tr>
<tr>
<td>10</td>
<td>HECNY TRANSPORTATION</td>
<td>98.4%</td>
</tr>
</tbody>
</table>

## MeA and eAWB Status at Airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>% Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>11</td>
<td>10</td>
<td>90.9%</td>
<td>5</td>
</tr>
<tr>
<td>FF Groups</td>
<td>75</td>
<td>28</td>
<td>37.3%</td>
<td>69</td>
</tr>
</tbody>
</table>
eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIX - Kansai International</td>
<td>OSA - Osaka</td>
<td>JP - Japan</td>
<td>Asia Pacific</td>
<td>Both</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>(e)AWB</td>
<td>35,061</td>
<td>20,501</td>
<td>9,970</td>
<td>10,531</td>
</tr>
</tbody>
</table>

eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Airport</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kansai International</td>
<td>48.6%</td>
<td>0.0 p.p.</td>
</tr>
<tr>
<td>Japan</td>
<td>46.2%</td>
<td>-2.7 p.p.</td>
</tr>
<tr>
<td>Asia Pacific</td>
<td>63.7%</td>
<td>-0.3 p.p.</td>
</tr>
</tbody>
</table>

Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DL - Delta Air Lines</td>
<td>93.4%</td>
</tr>
<tr>
<td>2</td>
<td>AA - American Airlines</td>
<td>92.8%</td>
</tr>
<tr>
<td>3</td>
<td>LH - Lufthansa Cargo</td>
<td>89.2%</td>
</tr>
<tr>
<td>4</td>
<td>CX - Cathay Pacific</td>
<td>84.5%</td>
</tr>
<tr>
<td>5</td>
<td>AF - Air France</td>
<td>81.4%</td>
</tr>
<tr>
<td>6</td>
<td>KL - KLM</td>
<td>75.8%</td>
</tr>
<tr>
<td>7</td>
<td>KE - Korean Air</td>
<td>75.2%</td>
</tr>
<tr>
<td>8</td>
<td>AC - Air Canada</td>
<td>63.2%</td>
</tr>
<tr>
<td>9</td>
<td>SQ - Singapore Airlines</td>
<td>58.9%</td>
</tr>
<tr>
<td>10</td>
<td>CI - China Airlines</td>
<td>57.9%</td>
</tr>
</tbody>
</table>

Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>HANKYU HANSHIN EXPRESS</td>
<td>80.1%</td>
</tr>
<tr>
<td>2</td>
<td>YUSEN</td>
<td>75.5%</td>
</tr>
<tr>
<td>3</td>
<td>NIPPON EXPRESS</td>
<td>71.6%</td>
</tr>
<tr>
<td>4</td>
<td>NNR GLOBAL LOGISTICS</td>
<td>70.0%</td>
</tr>
<tr>
<td>5</td>
<td>VANTEC HTS (HITACHI TRANSPORT SYSTEM) FORWARDING</td>
<td>67.6%</td>
</tr>
<tr>
<td>6</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>66.9%</td>
</tr>
<tr>
<td>7</td>
<td>KWE - KINTETSU WORLD EXPRESS</td>
<td>66.3%</td>
</tr>
<tr>
<td>8</td>
<td>SCHENKER</td>
<td>62.7%</td>
</tr>
<tr>
<td>9</td>
<td>DSV AIR &amp; SEA</td>
<td>62.2%</td>
</tr>
<tr>
<td>10</td>
<td>KUEHNE + NAGEL</td>
<td>47.9%</td>
</tr>
</tbody>
</table>

MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>53</td>
<td>42</td>
<td>79.2%</td>
<td>22</td>
<td>41.5%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>96</td>
<td>41</td>
<td>42.7%</td>
<td>53</td>
<td>55.2%</td>
</tr>
</tbody>
</table>
### eAWB Airport Overview - August 2019

#### Volume

<table>
<thead>
<tr>
<th>Volume</th>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>15,178</td>
<td>7,384</td>
<td>4,190</td>
<td>3,194</td>
</tr>
</tbody>
</table>

#### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Airport</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kuala Lumpur Int'l</td>
<td>56.7%</td>
<td>+3.4 p.p.</td>
</tr>
<tr>
<td>Malaysia</td>
<td>64.5%</td>
<td>+3.5 p.p.</td>
</tr>
<tr>
<td>Asia Pacific</td>
<td>63.7%</td>
<td>-0.3 p.p.</td>
</tr>
</tbody>
</table>

#### Airport eAWB penetration over past 12 months

<table>
<thead>
<tr>
<th>Month</th>
<th>Aug '18</th>
<th>Sep '18</th>
<th>Oct '18</th>
<th>Nov '18</th>
<th>Dec '18</th>
<th>Jan '19</th>
<th>Feb '19</th>
<th>Mar '19</th>
<th>Apr '19</th>
<th>May '19</th>
<th>Jun '19</th>
<th>Jul '19</th>
<th>Aug '19</th>
</tr>
</thead>
<tbody>
<tr>
<td>eAWB (%)</td>
<td>56.7%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CX - Cathay Pacific</td>
<td>94.7%</td>
</tr>
<tr>
<td>2</td>
<td>QR - Qatar Airways</td>
<td>85.6%</td>
</tr>
<tr>
<td>3</td>
<td>SQ - Singapore Airlines</td>
<td>83.8%</td>
</tr>
<tr>
<td>4</td>
<td>DL - Delta Air Lines</td>
<td>83.0%</td>
</tr>
<tr>
<td>5</td>
<td>KE - Korean Air</td>
<td>78.3%</td>
</tr>
<tr>
<td>6</td>
<td>NH - All Nippon Airways</td>
<td>58.7%</td>
</tr>
<tr>
<td>7</td>
<td>CI - China Airlines</td>
<td>46.6%</td>
</tr>
<tr>
<td>8</td>
<td>KL - KLM</td>
<td>43.4%</td>
</tr>
<tr>
<td>9</td>
<td>BR - EVA Air</td>
<td>33.1%</td>
</tr>
<tr>
<td>10</td>
<td>EE - Etihad Airways</td>
<td>31.6%</td>
</tr>
</tbody>
</table>

#### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>PHILI ORIENT AIRFREIGHT</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>91.1%</td>
</tr>
<tr>
<td>3</td>
<td>EXPEDITORS GROUP</td>
<td>90.9%</td>
</tr>
<tr>
<td>4</td>
<td>TASCO BERHAD - TRANS-ASIA SHIPPING CO</td>
<td>89.0%</td>
</tr>
<tr>
<td>5</td>
<td>CEVA GROUP</td>
<td>83.7%</td>
</tr>
<tr>
<td>6</td>
<td>ASIA DINAMIKA LOGISTIK</td>
<td>83.8%</td>
</tr>
<tr>
<td>7</td>
<td>SCHENKER</td>
<td>82.7%</td>
</tr>
<tr>
<td>8</td>
<td>PANALPINA</td>
<td>80.5%</td>
</tr>
<tr>
<td>9</td>
<td>AGILITY</td>
<td>72.4%</td>
</tr>
<tr>
<td>10</td>
<td>FFS - FORWARD FREIGHT SERVICEs</td>
<td>67.8%</td>
</tr>
</tbody>
</table>

#### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>30</td>
<td>27</td>
<td>90.0%</td>
<td>18</td>
<td>60.0%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>107</td>
<td>49</td>
<td>45.8%</td>
<td>64</td>
<td>59.8%</td>
</tr>
</tbody>
</table>
### eAWB Airport Overview - August 2019

#### Volume

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAX - Los Angeles Int'l</td>
<td>LAX - Los Angeles</td>
<td>US - USA</td>
<td>The Americas</td>
<td>Both</td>
<td>Yes</td>
</tr>
</tbody>
</table>

#### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Los Angeles Int'l</td>
<td>50.0%</td>
<td>-2.3 p.p.</td>
</tr>
<tr>
<td>USA</td>
<td>55.7%</td>
<td>-0.3 p.p.</td>
</tr>
<tr>
<td>The Americas</td>
<td>50.6%</td>
<td>-0.2 p.p.</td>
</tr>
</tbody>
</table>

### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AF - Air France</td>
<td>88.7%</td>
</tr>
<tr>
<td>2</td>
<td>KL - KLM</td>
<td>86.0%</td>
</tr>
<tr>
<td>3</td>
<td>QR - Qatar Airways</td>
<td>84.6%</td>
</tr>
<tr>
<td>4</td>
<td>MK - Air Mauritius</td>
<td>77.8%</td>
</tr>
<tr>
<td>5</td>
<td>CX - Cathay Pacific</td>
<td>77.3%</td>
</tr>
<tr>
<td>6</td>
<td>LH - Lufthansa Cargo</td>
<td>76.8%</td>
</tr>
<tr>
<td>7</td>
<td>AA - American Airlines</td>
<td>76.5%</td>
</tr>
<tr>
<td>8</td>
<td>DL - Delta Air Lines</td>
<td>76.4%</td>
</tr>
<tr>
<td>9</td>
<td>SV - Saudi Arabian Airlines</td>
<td>74.7%</td>
</tr>
<tr>
<td>10</td>
<td>IB - IAG - IBERIA</td>
<td>72.4%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>88.6%</td>
</tr>
<tr>
<td>2</td>
<td>BOLLORE</td>
<td>84.9%</td>
</tr>
<tr>
<td>3</td>
<td>DYNASTY WORLDWIDE LOGISTICS GROUP</td>
<td>84.0%</td>
</tr>
<tr>
<td>4</td>
<td>EXPEDITORS GROUP</td>
<td>81.9%</td>
</tr>
<tr>
<td>5</td>
<td>PANALPINA</td>
<td>78.8%</td>
</tr>
<tr>
<td>6</td>
<td>ABLE FREIGHT SERVICES</td>
<td>77.9%</td>
</tr>
<tr>
<td>7</td>
<td>LEADER MUTUAL FREIGHT SYSTEMS</td>
<td>75.1%</td>
</tr>
<tr>
<td>8</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>72.0%</td>
</tr>
<tr>
<td>9</td>
<td>KWE - KINTETSU WORLD EXPRESS</td>
<td>68.4%</td>
</tr>
<tr>
<td>10</td>
<td>AIT WORLDWIDE LOGISTICS</td>
<td>67.8%</td>
</tr>
</tbody>
</table>

### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed</th>
<th>%</th>
<th>Does eAWB %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>68</td>
<td>49</td>
<td>72.1%</td>
<td>26</td>
</tr>
<tr>
<td>FF Groups</td>
<td>675</td>
<td>328</td>
<td>48.6%</td>
<td>264</td>
</tr>
</tbody>
</table>
## eAWB Airport Overview - August 2019

### Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>74,472</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>46,350</td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>23,131</td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>23,219</td>
</tr>
</tbody>
</table>

### eAWB Penetration and Change vs Previous Month

- **Heathrow**: 49.9% (+3.2 p.p.)
- **United Kingdom**: 48.2% (+4.9 p.p.)
- **Europe**: 59.4% (+3.7 p.p.)

### Top Airlines by eAWB Penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KE - Korean Air</td>
<td>91.3%</td>
</tr>
<tr>
<td>2</td>
<td>QR - Qatar Airways</td>
<td>77.7%</td>
</tr>
<tr>
<td>3</td>
<td>AA - American Airlines</td>
<td>75.4%</td>
</tr>
<tr>
<td>4</td>
<td>AF - Air France</td>
<td>73.5%</td>
</tr>
<tr>
<td>5</td>
<td>SV - Saudi Arabian Airlines</td>
<td>67.2%</td>
</tr>
<tr>
<td>6</td>
<td>SQ - Singapore Airlines</td>
<td>65.3%</td>
</tr>
<tr>
<td>7</td>
<td>KL - KLM</td>
<td>62.5%</td>
</tr>
<tr>
<td>8</td>
<td>DL - Delta Air Lines</td>
<td>59.0%</td>
</tr>
<tr>
<td>9</td>
<td>AC - Air Canada</td>
<td>56.9%</td>
</tr>
<tr>
<td>10</td>
<td>LX - SWISS</td>
<td>54.3%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB Penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>EXPEDITORS GROUP</td>
<td>95.7%</td>
</tr>
<tr>
<td>2</td>
<td>ARAMEX - ARAB AMERICAN EXPRESS</td>
<td>94.0%</td>
</tr>
<tr>
<td>3</td>
<td>DHL AVIATION</td>
<td>92.6%</td>
</tr>
<tr>
<td>4</td>
<td>GEODIS</td>
<td>90.7%</td>
</tr>
<tr>
<td>5</td>
<td>WORLD COURIER</td>
<td>90.6%</td>
</tr>
<tr>
<td>6</td>
<td>PANALPINA</td>
<td>87.2%</td>
</tr>
<tr>
<td>7</td>
<td>SCHENKER</td>
<td>85.6%</td>
</tr>
<tr>
<td>8</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>84.8%</td>
</tr>
<tr>
<td>9</td>
<td>CEVA GROUP</td>
<td>72.6%</td>
</tr>
<tr>
<td>10</td>
<td>DHL</td>
<td>70.3%</td>
</tr>
</tbody>
</table>

### MeA and eAWB Status at Airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>89</td>
<td>52</td>
<td>58.4%</td>
<td>26</td>
<td>29.2%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>405</td>
<td>175</td>
<td>43.2%</td>
<td>211</td>
<td>52.1%</td>
</tr>
</tbody>
</table>
**eAWB Airport Overview - August 2019**

**Volume**

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>J Chavez Int'l</td>
<td>10,368</td>
<td>6,257</td>
<td>1,390</td>
<td>4,867</td>
</tr>
</tbody>
</table>

**eAWB penetration and change vs previous month**

<table>
<thead>
<tr>
<th>Airport</th>
<th>eAWB penetration</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>J Chavez Int'l</td>
<td>22.2%</td>
<td>+0.1 p.p.</td>
</tr>
<tr>
<td>Peru</td>
<td>22.2%</td>
<td>+0.1 p.p.</td>
</tr>
<tr>
<td>The Americas</td>
<td>50.6%</td>
<td>-0.2 p.p.</td>
</tr>
</tbody>
</table>

**Top Airlines by eAWB penetration**

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KL - KLM</td>
<td>49.5%</td>
</tr>
<tr>
<td>2</td>
<td>AF - Air France</td>
<td>36.7%</td>
</tr>
<tr>
<td>3</td>
<td>AA - American Airlines</td>
<td>27.3%</td>
</tr>
<tr>
<td>4</td>
<td>KE - Korean Air</td>
<td>23.7%</td>
</tr>
<tr>
<td>5</td>
<td>DL - Delta Air Lines</td>
<td>20.9%</td>
</tr>
<tr>
<td>6</td>
<td>LA - LAN Airlines</td>
<td>20.0%</td>
</tr>
<tr>
<td>7</td>
<td>5X - UPS Airlines</td>
<td>15.6%</td>
</tr>
<tr>
<td>8</td>
<td>AV - AVIANCA</td>
<td>12.4%</td>
</tr>
<tr>
<td>9</td>
<td>BA - IAG - British Airways</td>
<td>10.3%</td>
</tr>
<tr>
<td>10</td>
<td>IB - IAG - IBERIA</td>
<td>6.0%</td>
</tr>
</tbody>
</table>

**Top FF Groups by eAWB penetration (from top 20 by volume)**

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>GAMARRA AIR CARGO</td>
<td>70.9%</td>
</tr>
<tr>
<td>2</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>67.2%</td>
</tr>
<tr>
<td>3</td>
<td>PANALPINA</td>
<td>64.2%</td>
</tr>
<tr>
<td>4</td>
<td>HELLMANN WORLDWIDE LOGISTICS</td>
<td>42.1%</td>
</tr>
<tr>
<td>5</td>
<td>SCHENKER</td>
<td>32.2%</td>
</tr>
<tr>
<td>6</td>
<td>EXPEDITORS GROUP</td>
<td>23.4%</td>
</tr>
<tr>
<td>7</td>
<td>DHL EXPRESS</td>
<td>15.9%</td>
</tr>
<tr>
<td>8</td>
<td>A HARTRODT</td>
<td>2.9%</td>
</tr>
<tr>
<td>9</td>
<td>DACHSER</td>
<td>1.4%</td>
</tr>
<tr>
<td>10</td>
<td>KUEHNE + NAGEL</td>
<td>1.4%</td>
</tr>
</tbody>
</table>

**MeA and eAWB status at airport**

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>25</td>
<td>21</td>
<td>84.0%</td>
<td>32.0%</td>
<td></td>
</tr>
<tr>
<td>FF Groups</td>
<td>93</td>
<td>53</td>
<td>57.0%</td>
<td>15.16%</td>
<td></td>
</tr>
</tbody>
</table>
## eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>LUX - Luxembourg</td>
<td>LUX - Luxembourg</td>
<td>LU - Luxembourg</td>
<td>Europe</td>
<td>Both</td>
<td></td>
</tr>
</tbody>
</table>

### Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4,019</td>
<td>3,850</td>
<td>1,940</td>
<td>1,910</td>
</tr>
</tbody>
</table>

### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Airport</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Luxembourg</td>
<td>50.4%</td>
<td>+0.5 p.p.</td>
</tr>
<tr>
<td>Luxembourg</td>
<td>50.4%</td>
<td>+0.5 p.p.</td>
</tr>
<tr>
<td>Europe</td>
<td>59.4%</td>
<td>+3.7 p.p.</td>
</tr>
</tbody>
</table>

### Airport eAWB penetration over past 12 months

![Graph showing eAWB penetration over past 12 months]

### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>QR - Qatar Airways</td>
<td>97.1%</td>
</tr>
<tr>
<td>2</td>
<td>CI - China Airlines</td>
<td>85.8%</td>
</tr>
<tr>
<td>3</td>
<td>LH - Lufthansa Cargo</td>
<td>83.4%</td>
</tr>
<tr>
<td>4</td>
<td>CV - Cargolux</td>
<td>45.1%</td>
</tr>
<tr>
<td>5</td>
<td>5X - UPS Airlines</td>
<td>41.7%</td>
</tr>
<tr>
<td>6</td>
<td>TK - THY - Turkish Airlines</td>
<td>18.2%</td>
</tr>
<tr>
<td>7</td>
<td>FI - Icelandair</td>
<td>0.0%</td>
</tr>
<tr>
<td>8</td>
<td>RU - AirBridgeCargo</td>
<td>0.0%</td>
</tr>
<tr>
<td>9</td>
<td>LX - SWISS</td>
<td>0.0%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>EXPEDITORS GROUP</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>FLF - FASHION LOGISTIC FORWARDERS (INDITEX)</td>
<td>91.9%</td>
</tr>
<tr>
<td>3</td>
<td>YUSEN</td>
<td>87.0%</td>
</tr>
<tr>
<td>4</td>
<td>FIEGE FRITSCH FORWARDING</td>
<td>83.3%</td>
</tr>
<tr>
<td>5</td>
<td>SENATOR INTL</td>
<td>80.0%</td>
</tr>
<tr>
<td>6</td>
<td>SCHENKER</td>
<td>78.9%</td>
</tr>
<tr>
<td>7</td>
<td>GEIS SDV</td>
<td>78.7%</td>
</tr>
<tr>
<td>8</td>
<td>IJS GLOBAL</td>
<td>61.7%</td>
</tr>
<tr>
<td>9</td>
<td>PANALPINA</td>
<td>55.3%</td>
</tr>
<tr>
<td>10</td>
<td>BOLLORE</td>
<td>36.4%</td>
</tr>
</tbody>
</table>

### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>% Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>13</td>
<td>9</td>
<td>69.2%</td>
<td>5</td>
</tr>
<tr>
<td>FF Groups</td>
<td>104</td>
<td>61</td>
<td>58.7%</td>
<td>27</td>
</tr>
</tbody>
</table>
### eAWB Airport Overview - August 2019

#### Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>5,742</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>3,714</td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>1,833</td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>1,881</td>
</tr>
</tbody>
</table>

#### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Region/Country</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Satolas</td>
<td>49.4%</td>
<td>-0.4 p.p.</td>
</tr>
<tr>
<td>France</td>
<td>57.7%</td>
<td>+1.9 p.p.</td>
</tr>
<tr>
<td>Europe</td>
<td>59.4%</td>
<td>+3.7 p.p.</td>
</tr>
</tbody>
</table>

#### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KE - Korean Air</td>
<td>92.9%</td>
</tr>
<tr>
<td>2</td>
<td>KL - KLM</td>
<td>80.1%</td>
</tr>
<tr>
<td>3</td>
<td>AF - Air France</td>
<td>78.3%</td>
</tr>
<tr>
<td>4</td>
<td>BR - EVA Air</td>
<td>78.1%</td>
</tr>
<tr>
<td>5</td>
<td>AA - American Airlines</td>
<td>69.4%</td>
</tr>
<tr>
<td>6</td>
<td>DL - Delta Air Lines</td>
<td>67.0%</td>
</tr>
<tr>
<td>7</td>
<td>QR - Qatar Airways</td>
<td>66.9%</td>
</tr>
<tr>
<td>8</td>
<td>MK - Air Mauritius</td>
<td>66.7%</td>
</tr>
<tr>
<td>9</td>
<td>IB - IAG - IBERIA</td>
<td>60.0%</td>
</tr>
<tr>
<td>10</td>
<td>LH - Lufthansa Cargo</td>
<td>53.6%</td>
</tr>
</tbody>
</table>

#### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>94.2%</td>
</tr>
<tr>
<td>2</td>
<td>SCHENKER</td>
<td>87.3%</td>
</tr>
<tr>
<td>3</td>
<td>A HARTRODT</td>
<td>83.3%</td>
</tr>
<tr>
<td>4</td>
<td>BOLLORE</td>
<td>81.3%</td>
</tr>
<tr>
<td>5</td>
<td>GEODIS</td>
<td>81.1%</td>
</tr>
<tr>
<td>6</td>
<td>CEVA GROUP</td>
<td>76.2%</td>
</tr>
<tr>
<td>7</td>
<td>DSV AIR &amp; SEA</td>
<td>73.6%</td>
</tr>
<tr>
<td>8</td>
<td>FRACHT</td>
<td>67.5%</td>
</tr>
<tr>
<td>9</td>
<td>KUEHNE + NAGEL</td>
<td>64.9%</td>
</tr>
<tr>
<td>10</td>
<td>DACHSER</td>
<td>55.3%</td>
</tr>
</tbody>
</table>

#### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>% Does eAWB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>75</td>
<td>45</td>
<td>60.0%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>77</td>
<td>46</td>
<td>59.7%</td>
</tr>
</tbody>
</table>
# eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAA - Chennai</td>
<td>MAA - Chennai</td>
<td>IN - India</td>
<td>Asia Pacific</td>
<td>MC99</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Volume</th>
<th>(e)AWB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>6,827</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>6,638</td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>5,310</td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>1,328</td>
</tr>
</tbody>
</table>

## eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Region/Country</th>
<th>eAWB Penetration (%)</th>
<th>Change (p.p.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chennai</td>
<td>80.0%</td>
<td>+5.7 p.p.</td>
</tr>
<tr>
<td>India</td>
<td>72.9%</td>
<td>+8.3 p.p.</td>
</tr>
<tr>
<td>Asia Pacific</td>
<td>63.7%</td>
<td>-0.3 p.p.</td>
</tr>
</tbody>
</table>

## eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAA - Chennai</td>
<td>MAA - Chennai</td>
<td>IN - India</td>
<td>Asia Pacific</td>
<td>MC99</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>QR - Qatar Airways</td>
<td>91.4%</td>
</tr>
<tr>
<td>2</td>
<td>SQ - Singapore Airlines</td>
<td>91.4%</td>
</tr>
<tr>
<td>3</td>
<td>BA - IAG - British Airways</td>
<td>80.0%</td>
</tr>
<tr>
<td>4</td>
<td>TK - THY - Turkish Airlines</td>
<td>64.8%</td>
</tr>
<tr>
<td>5</td>
<td>5X - UPS Airlines</td>
<td>58.7%</td>
</tr>
<tr>
<td>6</td>
<td>AF - Air France</td>
<td>51.9%</td>
</tr>
<tr>
<td>7</td>
<td>DL - Delta Air Lines</td>
<td>46.4%</td>
</tr>
<tr>
<td>8</td>
<td>EY - Etihad Airways</td>
<td>30.5%</td>
</tr>
<tr>
<td>9</td>
<td>SV - Saudi Arabian Airlines</td>
<td>13.3%</td>
</tr>
<tr>
<td>10</td>
<td>MK - Air Mauritius</td>
<td>13.3%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rank</th>
<th>FFL Group</th>
<th>eAWB Penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SABIN FORWARDERS</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>100.0%</td>
</tr>
<tr>
<td>3</td>
<td>DHL EXPRESS</td>
<td>100.0%</td>
</tr>
<tr>
<td>4</td>
<td>AGILITY</td>
<td>99.4%</td>
</tr>
<tr>
<td>5</td>
<td>EXPEDITORS GROUP</td>
<td>99.2%</td>
</tr>
<tr>
<td>6</td>
<td>AIROGO LOGS</td>
<td>98.9%</td>
</tr>
<tr>
<td>7</td>
<td>SCHENKER</td>
<td>98.6%</td>
</tr>
<tr>
<td>8</td>
<td>SKYWAYS AIR SERVICES</td>
<td>98.0%</td>
</tr>
<tr>
<td>9</td>
<td>GAC LOGISTICS</td>
<td>98.0%</td>
</tr>
<tr>
<td>10</td>
<td>EXPO FREIGHT</td>
<td>95.0%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MeA and eAWB status at airport</th>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>16</td>
<td>16</td>
<td>100.0%</td>
<td>11</td>
<td>68.8%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>117</td>
<td>77</td>
<td>65.8%</td>
<td>102</td>
<td>87.2%</td>
</tr>
</tbody>
</table>
# eAWB Airport Overview - August 2019

## Airport eAWB Penetration

<table>
<thead>
<tr>
<th>Volume</th>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>15,737</th>
</tr>
</thead>
<tbody>
<tr>
<td>eAWB Network</td>
<td>9,194</td>
<td></td>
<td></td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>4,801</td>
<td></td>
<td></td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>4,393</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## eAWB Penetration and Change vs Previous Month

<table>
<thead>
<tr>
<th>Region</th>
<th>eAWB Penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Europe</td>
<td>52.2%</td>
<td>+0.6 p.p.</td>
</tr>
<tr>
<td>Spain and Canary Islands</td>
<td>50.4%</td>
<td>+1.9 p.p.</td>
</tr>
<tr>
<td>Europe</td>
<td>59.4%</td>
<td>+3.7 p.p.</td>
</tr>
</tbody>
</table>

## Top Airlines by eAWB Penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KE - Korean Air</td>
<td>94.8%</td>
</tr>
<tr>
<td>2</td>
<td>DL - Delta Air Lines</td>
<td>72.1%</td>
</tr>
<tr>
<td>3</td>
<td>QR - Qatar Airways</td>
<td>69.1%</td>
</tr>
<tr>
<td>4</td>
<td>AC - Air Canada</td>
<td>69.1%</td>
</tr>
<tr>
<td>5</td>
<td>AA - American Airlines</td>
<td>67.5%</td>
</tr>
<tr>
<td>6</td>
<td>LX - SWISS</td>
<td>67.2%</td>
</tr>
<tr>
<td>7</td>
<td>LH - Lufthansa Cargo</td>
<td>67.1%</td>
</tr>
<tr>
<td>8</td>
<td>KL - KLM</td>
<td>64.4%</td>
</tr>
<tr>
<td>9</td>
<td>AF - Air France</td>
<td>63.7%</td>
</tr>
<tr>
<td>10</td>
<td>IB - IAG - IBERIA</td>
<td>52.3%</td>
</tr>
</tbody>
</table>

## Top FF Groups by eAWB Penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>EUROPEAN AIR TRANSPORT</td>
<td>90.2%</td>
</tr>
<tr>
<td>2</td>
<td>FLF - FASHION LOGISTIC FORWARDERS (INDITEX)</td>
<td>88.4%</td>
</tr>
<tr>
<td>3</td>
<td>PANALPINA</td>
<td>83.8%</td>
</tr>
<tr>
<td>4</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>82.9%</td>
</tr>
<tr>
<td>5</td>
<td>CEVA GROUP</td>
<td>81.7%</td>
</tr>
<tr>
<td>6</td>
<td>GEO DIS</td>
<td>77.8%</td>
</tr>
<tr>
<td>7</td>
<td>SCHENKER</td>
<td>74.9%</td>
</tr>
<tr>
<td>8</td>
<td>HELLMANN WORLDWIDE LOGISTICS</td>
<td>67.5%</td>
</tr>
<tr>
<td>9</td>
<td>KUEHNE + NAGEL</td>
<td>59.0%</td>
</tr>
<tr>
<td>10</td>
<td>CACESA - COMPANIAS AUXILIAR AL CARGO EXPRESS</td>
<td>56.9%</td>
</tr>
</tbody>
</table>

## MeA and eAWB Status at Airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>65</td>
<td>41</td>
<td>63.1%</td>
<td>18</td>
<td>27.7%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>178</td>
<td>71</td>
<td>39.9%</td>
<td>65</td>
<td>47.8%</td>
</tr>
</tbody>
</table>
### eAWB Airport Overview - August 2019

#### Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>8,091</td>
<td>4,948</td>
<td>2,279</td>
<td>2,669</td>
</tr>
</tbody>
</table>

#### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>eAWB</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airport</td>
<td>46.1%</td>
<td>+8.3 p.p.</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>48.2%</td>
<td>+4.9 p.p.</td>
</tr>
<tr>
<td>Europe</td>
<td>59.4%</td>
<td>+3.7 p.p.</td>
</tr>
</tbody>
</table>

#### Airport eAWB penetration over past 12 months

- Aug '18: 46.1%
- Sep '18: 25.6%
- Oct '18: 0%
- Nov '18: 10%
- Dec '18: 20%
- Jan '19: 30%
- Feb '19: 40%
- Mar '19: 50%
- Apr '19: 60%
- May '19: 70%
- Jun '19: 80%
- Jul '19: 90%
- Aug '19: 100%

#### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KE - Korean Air</td>
<td>96.0%</td>
</tr>
<tr>
<td>2</td>
<td>CI - China Airlines</td>
<td>81.1%</td>
</tr>
<tr>
<td>3</td>
<td>LH - Lufthansa Cargo</td>
<td>74.4%</td>
</tr>
<tr>
<td>4</td>
<td>LX - SWISS</td>
<td>74.1%</td>
</tr>
<tr>
<td>5</td>
<td>SV - Saudi Arabian Airlines</td>
<td>70.4%</td>
</tr>
<tr>
<td>6</td>
<td>AA - American Airlines</td>
<td>68.4%</td>
</tr>
<tr>
<td>7</td>
<td>QR - Qatar Airways</td>
<td>66.2%</td>
</tr>
<tr>
<td>8</td>
<td>IB - IAG - IBERIA</td>
<td>58.3%</td>
</tr>
<tr>
<td>9</td>
<td>KL - KLM</td>
<td>55.8%</td>
</tr>
<tr>
<td>10</td>
<td>TK - THY - Turkish Airlines</td>
<td>53.1%</td>
</tr>
</tbody>
</table>
### eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEL - Tullamarine</td>
<td>MEL - Melbourne</td>
<td>AU - Australia</td>
<td>Asia Pacific</td>
<td>Both</td>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Volume</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(e)AWB</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total AWB</td>
<td>12,133</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>eAWB Network</td>
<td>6,067</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>3,614</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>2,453</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| eAWB penetration and change vs previous month |                          |                          |                          |                          |
| Australia     | 60.2% | +5.0 p.p. |
| Asia Pacific  | 63.7% | -0.3 p.p. |

<table>
<thead>
<tr>
<th>Top Airlines by eAWB penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rank</td>
</tr>
<tr>
<td>------</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>5</td>
</tr>
<tr>
<td>6</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
<tr>
<td>10</td>
</tr>
</tbody>
</table>

### Hotelier and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>41</td>
<td>30</td>
<td>73.2%</td>
<td>15</td>
<td>36.6%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>127</td>
<td>91</td>
<td>71.7%</td>
<td>64</td>
<td>66.1%</td>
</tr>
</tbody>
</table>

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The Americas MX - Mexico MEX - Mexico City MEX - Juarez International

Total AWB 8,679
eAWB Network 4,482
eAWB Actual 1,974
eAWB Potential 2,508

44.0% +2.8 p.p.
53.7% +3.1 p.p.
50.6% -0.2 p.p.

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEX - Juarez International</td>
<td>MEX - Mexico City</td>
<td>MX - Mexico</td>
<td>The Americas</td>
<td>MC99</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**Volume**

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>8,679</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>4,482</td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>1,974</td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>2,508</td>
</tr>
</tbody>
</table>

**eAWB penetration and change vs previous month**

<table>
<thead>
<tr>
<th>Airport</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Juarez International</td>
<td>44.0%</td>
<td>+2.8 p.p.</td>
</tr>
<tr>
<td>Mexico</td>
<td>53.7%</td>
<td>+3.1 p.p.</td>
</tr>
<tr>
<td>The Americas</td>
<td>50.6%</td>
<td>-0.2 p.p.</td>
</tr>
</tbody>
</table>

**Airport eAWB penetration over past 12 months**

**Top Airlines by eAWB penetration**

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AF - Air France</td>
<td>77.3%</td>
</tr>
<tr>
<td>2</td>
<td>KL - KLM</td>
<td>71.5%</td>
</tr>
<tr>
<td>3</td>
<td>CX - Cathay Pacific</td>
<td>71.5%</td>
</tr>
<tr>
<td>4</td>
<td>LH - Lufthansa Cargo</td>
<td>66.2%</td>
</tr>
<tr>
<td>5</td>
<td>QR - Qatar Airways</td>
<td>64.8%</td>
</tr>
<tr>
<td>6</td>
<td>BA - IAG - British Airways</td>
<td>50.9%</td>
</tr>
<tr>
<td>7</td>
<td>AA - American Airlines</td>
<td>48.1%</td>
</tr>
<tr>
<td>8</td>
<td>KE - Korean Air</td>
<td>42.9%</td>
</tr>
<tr>
<td>9</td>
<td>5X - UPS Airlines</td>
<td>38.9%</td>
</tr>
<tr>
<td>10</td>
<td>LA - LAN Airlines</td>
<td>26.8%</td>
</tr>
</tbody>
</table>

**Top FF Groups by eAWB penetration (from top 20 by volume)**

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>GEODIS</td>
<td>87.8%</td>
</tr>
<tr>
<td>2</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>86.6%</td>
</tr>
<tr>
<td>3</td>
<td>HELLMANN WORLDWIDE LOGISTICS</td>
<td>83.8%</td>
</tr>
<tr>
<td>4</td>
<td>PANALPINA</td>
<td>78.2%</td>
</tr>
<tr>
<td>5</td>
<td>SCHENKER</td>
<td>77.4%</td>
</tr>
<tr>
<td>6</td>
<td>DSV AIR &amp; SEA</td>
<td>72.7%</td>
</tr>
<tr>
<td>7</td>
<td>KUEHNE + NAGEL</td>
<td>68.6%</td>
</tr>
<tr>
<td>8</td>
<td>EXPEDITORS GROUP</td>
<td>63.7%</td>
</tr>
<tr>
<td>9</td>
<td>SAVINO DEL BENE</td>
<td>55.3%</td>
</tr>
<tr>
<td>10</td>
<td>BOLLORE</td>
<td>54.9%</td>
</tr>
</tbody>
</table>

**MeA and eAWB status at airport**

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>45</td>
<td>33</td>
<td>73.3%</td>
<td>16</td>
<td>35.6%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>144</td>
<td>128</td>
<td>88.9%</td>
<td>45</td>
<td>31.3%</td>
</tr>
</tbody>
</table>
The Americas

US - USA

MIA - Miami

MIA - Miami Int'l

Total AWB 36,519

eAWB Network 24,549

eAWB Actual 8,683

eAWB Potential 15,866

35.4%

-5.7 p.p.

55.7%

-0.3 p.p.

50.6%

-0.2 p.p.

eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Americas</td>
<td>Both</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>35.4%</td>
<td>36,519</td>
<td>24,549</td>
<td>8,683</td>
<td>15,866</td>
</tr>
</tbody>
</table>

Airport eAWB penetration over past 12 months

<table>
<thead>
<tr>
<th>Month</th>
<th>eAWB penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug '18</td>
<td>35.4%</td>
</tr>
<tr>
<td>Sep '18</td>
<td></td>
</tr>
<tr>
<td>Oct '18</td>
<td></td>
</tr>
<tr>
<td>Nov '18</td>
<td></td>
</tr>
<tr>
<td>Dec '18</td>
<td></td>
</tr>
<tr>
<td>Jan '19</td>
<td></td>
</tr>
<tr>
<td>Feb '19</td>
<td></td>
</tr>
<tr>
<td>Mar '19</td>
<td></td>
</tr>
<tr>
<td>Apr '19</td>
<td></td>
</tr>
<tr>
<td>May '19</td>
<td></td>
</tr>
<tr>
<td>Jun '19</td>
<td></td>
</tr>
<tr>
<td>Jul '19</td>
<td></td>
</tr>
<tr>
<td>Aug '19</td>
<td></td>
</tr>
</tbody>
</table>

MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>66</td>
<td>42</td>
<td>63.6%</td>
<td>18</td>
</tr>
<tr>
<td>FF Groups</td>
<td>571</td>
<td>255</td>
<td>44.7%</td>
<td>172</td>
</tr>
</tbody>
</table>

Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>TK - THY - Turkish Airlines</td>
<td>78.8%</td>
</tr>
<tr>
<td>2</td>
<td>CI - China Airlines</td>
<td>75.2%</td>
</tr>
<tr>
<td>3</td>
<td>QR - Qatar Airways</td>
<td>72.5%</td>
</tr>
<tr>
<td>4</td>
<td>AF - Air France</td>
<td>71.7%</td>
</tr>
<tr>
<td>5</td>
<td>KL - KLM</td>
<td>70.4%</td>
</tr>
<tr>
<td>6</td>
<td>DL - Delta Air Lines</td>
<td>67.7%</td>
</tr>
<tr>
<td>7</td>
<td>LH - Lufthansa Cargo</td>
<td>55.1%</td>
</tr>
<tr>
<td>8</td>
<td>KE - Korean Air</td>
<td>53.2%</td>
</tr>
<tr>
<td>9</td>
<td>AA - American Airlines</td>
<td>50.8%</td>
</tr>
<tr>
<td>10</td>
<td>AC - Air Canada</td>
<td>49.2%</td>
</tr>
</tbody>
</table>

Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>MPI - MARKET PIONEER INTL</td>
<td>96.9%</td>
</tr>
<tr>
<td>2</td>
<td>KWE - KINETSU WORLD EXPRESS</td>
<td>90.0%</td>
</tr>
<tr>
<td>3</td>
<td>SCHENKER</td>
<td>85.1%</td>
</tr>
<tr>
<td>4</td>
<td>BOLLORE</td>
<td>82.0%</td>
</tr>
<tr>
<td>5</td>
<td>EXPEDITORS GROUP</td>
<td>79.9%</td>
</tr>
<tr>
<td>6</td>
<td>PANALPINA</td>
<td>78.2%</td>
</tr>
<tr>
<td>7</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>78.2%</td>
</tr>
<tr>
<td>8</td>
<td>TRANSGROUP INTERNATIONAL (D/B/A)</td>
<td>77.9%</td>
</tr>
<tr>
<td>9</td>
<td>NNR GLOBAL LOGISTICS</td>
<td>76.6%</td>
</tr>
<tr>
<td>10</td>
<td>AGILITY</td>
<td>70.2%</td>
</tr>
</tbody>
</table>
### eAWB Airport Overview - August 2019

#### Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3,500</td>
<td>1,775</td>
<td>1,274</td>
<td>501</td>
</tr>
</tbody>
</table>

#### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airports</td>
<td>71.8% +5.0 p.p.</td>
</tr>
<tr>
<td>Sweden</td>
<td>63.7% +4.3 p.p.</td>
</tr>
<tr>
<td>Europe</td>
<td>59.4% +3.7 p.p.</td>
</tr>
</tbody>
</table>

#### Airport eAWB penetration over past 12 months

![Graph showing eAWB penetration for 12 months]

- Aug '18: 71.8%
- Sep '18: 74.0%
- Oct '18: 75.2%
- Nov '18: 75.5%
- Dec '18: 75.7%
- Jan '19: 75.8%
- Feb '19: 75.9%
- Mar '19: 76.0%
- Apr '19: 76.1%
- May '19: 76.2%
- Jun '19: 76.3%
- Jul '19: 76.4%
- Aug '19: 71.8%

#### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KL - KLM</td>
<td>96.8%</td>
</tr>
<tr>
<td>2</td>
<td>KE - Korean Air</td>
<td>95.0%</td>
</tr>
<tr>
<td>3</td>
<td>AF - Air France</td>
<td>90.4%</td>
</tr>
<tr>
<td>4</td>
<td>SQ - Singapore Airlines</td>
<td>86.2%</td>
</tr>
<tr>
<td>5</td>
<td>LH - Lufthansa Cargo</td>
<td>85.4%</td>
</tr>
<tr>
<td>6</td>
<td>DL - Delta Air Lines</td>
<td>80.5%</td>
</tr>
<tr>
<td>7</td>
<td>QR - Qatar Airways</td>
<td>67.6%</td>
</tr>
<tr>
<td>8</td>
<td>CX - Cathay Pacific</td>
<td>58.3%</td>
</tr>
<tr>
<td>9</td>
<td>BA - IAG - British Airways</td>
<td>56.6%</td>
</tr>
<tr>
<td>10</td>
<td>IB - IAG - IBERIA</td>
<td>53.1%</td>
</tr>
</tbody>
</table>

#### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>94.0%</td>
</tr>
<tr>
<td>2</td>
<td>PANALPINA</td>
<td>87.5%</td>
</tr>
<tr>
<td>3</td>
<td>STRAIT AIR TRSPT</td>
<td>87.5%</td>
</tr>
<tr>
<td>4</td>
<td>GEODIS</td>
<td>86.4%</td>
</tr>
<tr>
<td>5</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>86.2%</td>
</tr>
<tr>
<td>6</td>
<td>SCHENKER</td>
<td>85.2%</td>
</tr>
<tr>
<td>7</td>
<td>CH ROBINSON</td>
<td>84.8%</td>
</tr>
<tr>
<td>8</td>
<td>GREENCARRIER FREIGHT SERVICES</td>
<td>73.9%</td>
</tr>
<tr>
<td>9</td>
<td>AGILITY</td>
<td>70.5%</td>
</tr>
<tr>
<td>10</td>
<td>DSV AIR &amp; SEA</td>
<td>53.8%</td>
</tr>
</tbody>
</table>

#### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>39</td>
<td>33</td>
<td>84.6%</td>
<td>16</td>
</tr>
<tr>
<td>FF Groups</td>
<td>56</td>
<td>46</td>
<td>82.1%</td>
<td>31</td>
</tr>
</tbody>
</table>

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### eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>MNL - Ninoy Aquino Int’l</td>
<td>MNL - Manila</td>
<td>PH - Philippines</td>
<td>Asia Pacific</td>
<td>MC99</td>
<td></td>
</tr>
</tbody>
</table>

#### Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>16,467</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>eAWB Network</td>
<td>2,686</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>1,252</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>1,434</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Airport</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ninoy Aquino Int’l</td>
<td>46.6%</td>
<td>-1.3 p.p.</td>
</tr>
<tr>
<td>Philippines</td>
<td>46.6%</td>
<td>-1.6 p.p.</td>
</tr>
<tr>
<td>Asia Pacific</td>
<td>63.7%</td>
<td>-0.3 p.p.</td>
</tr>
</tbody>
</table>

#### Airport eAWB penetration over past 12 months

- Aug '18: 46.6%
- Sep '18: 46.0%
- Oct '18: 31.2%
- Nov '18: 26.0%
- Dec '18: 87.4%
- Jan '19: 40.0%
- Feb '19: 31.3%
- Mar '19: 26.0%
- Apr '19: 87.4%
- May '19: 40.0%
- Jun '19: 31.3%
- Jul '19: 26.0%
- Aug '19: 46.6%

### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DL - Delta Air Lines</td>
<td>73.5%</td>
</tr>
<tr>
<td>2</td>
<td>QR - Qatar Airways</td>
<td>66.3%</td>
</tr>
<tr>
<td>3</td>
<td>SQ - Singapore Airlines</td>
<td>51.2%</td>
</tr>
<tr>
<td>4</td>
<td>TK - THY - Turkish Airlines</td>
<td>50.7%</td>
</tr>
<tr>
<td>5</td>
<td>KE - Korean Air</td>
<td>30.5%</td>
</tr>
<tr>
<td>6</td>
<td>KL - KLM</td>
<td>25.6%</td>
</tr>
<tr>
<td>7</td>
<td>SV - Saudi Arabian Airlines</td>
<td>20.0%</td>
</tr>
<tr>
<td>8</td>
<td>BR - EVA Air</td>
<td>17.8%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>TRANS-GLOBAL CONSOLIDATORS</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>YUSEN</td>
<td>100.0%</td>
</tr>
<tr>
<td>3</td>
<td>KWE - KINETSU WORLD EXPRESS</td>
<td>100.0%</td>
</tr>
<tr>
<td>4</td>
<td>KUEHNE + NAGEL</td>
<td>100.0%</td>
</tr>
<tr>
<td>5</td>
<td>PANALPINA</td>
<td>100.0%</td>
</tr>
<tr>
<td>6</td>
<td>DSV AIR &amp; SEA</td>
<td>100.0%</td>
</tr>
<tr>
<td>7</td>
<td>NIPPON EXPRESS</td>
<td>100.0%</td>
</tr>
<tr>
<td>8</td>
<td>SCHENKER</td>
<td>100.0%</td>
</tr>
<tr>
<td>9</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>100.0%</td>
</tr>
<tr>
<td>10</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>100.0%</td>
</tr>
</tbody>
</table>

### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>31</td>
<td>26</td>
<td>83.9%</td>
<td>9</td>
<td>29.0%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>87</td>
<td>40</td>
<td>46.0%</td>
<td>22</td>
<td>25.3%</td>
</tr>
</tbody>
</table>
### eAWB Airport Overview - August 2019

#### Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>(e)AWB</td>
<td>16,040</td>
<td>11,221</td>
<td>7,663</td>
<td>3,558</td>
</tr>
</tbody>
</table>

#### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Region</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Europe</td>
<td>68.3%</td>
<td>-0.6 p.p.</td>
</tr>
<tr>
<td>Germany</td>
<td>68.5%</td>
<td>+2.4 p.p.</td>
</tr>
<tr>
<td>Franz Josef Strauss</td>
<td>59.4%</td>
<td>+3.7 p.p.</td>
</tr>
</tbody>
</table>

#### Airport eAWB penetration over past 12 months

![Graph showing eAWB penetration over past 12 months]

#### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KE - Korean Air</td>
<td>95.1%</td>
</tr>
<tr>
<td>2</td>
<td>AF - Air France</td>
<td>93.2%</td>
</tr>
<tr>
<td>3</td>
<td>CI - China Airlines</td>
<td>92.1%</td>
</tr>
<tr>
<td>4</td>
<td>KL - KLM</td>
<td>91.4%</td>
</tr>
<tr>
<td>5</td>
<td>QR - Qatar Airways</td>
<td>86.2%</td>
</tr>
<tr>
<td>6</td>
<td>DL - Delta Air Lines</td>
<td>85.9%</td>
</tr>
<tr>
<td>7</td>
<td>LH - Lufthansa Cargo</td>
<td>83.2%</td>
</tr>
<tr>
<td>8</td>
<td>BA - IAG - British Airways</td>
<td>80.0%</td>
</tr>
<tr>
<td>9</td>
<td>LX - SWISS</td>
<td>76.7%</td>
</tr>
<tr>
<td>10</td>
<td>SQ - Singapore Airlines</td>
<td>73.7%</td>
</tr>
</tbody>
</table>

#### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>EXPRESS AIR SYSTEMS</td>
<td>98.0%</td>
</tr>
<tr>
<td>2</td>
<td>EMONS AIR AND SEA</td>
<td>90.2%</td>
</tr>
<tr>
<td>3</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>86.6%</td>
</tr>
<tr>
<td>4</td>
<td>SCHENKER</td>
<td>85.0%</td>
</tr>
<tr>
<td>5</td>
<td>PANALPINIA</td>
<td>83.7%</td>
</tr>
<tr>
<td>6</td>
<td>WORLD COURIER</td>
<td>81.9%</td>
</tr>
<tr>
<td>7</td>
<td>DSV AIR &amp; SEA</td>
<td>81.1%</td>
</tr>
<tr>
<td>8</td>
<td>NIPPON EXPRESS</td>
<td>78.7%</td>
</tr>
<tr>
<td>9</td>
<td>TEXIM INTL SPEDITION</td>
<td>77.8%</td>
</tr>
<tr>
<td>10</td>
<td>KUEHNE + NAGEL</td>
<td>73.3%</td>
</tr>
</tbody>
</table>

#### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>% Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>78</td>
<td>47</td>
<td>60.3%</td>
<td>20</td>
</tr>
<tr>
<td>FF Groups</td>
<td>192</td>
<td>101</td>
<td>52.6%</td>
<td>124</td>
</tr>
</tbody>
</table>

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## eAWB Airport Overview - August 2019

### Volume

<table>
<thead>
<tr>
<th>Volume</th>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>29,125</td>
<td>20,626</td>
<td>9,595</td>
<td>11,031</td>
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</table>

### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Airports</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Malpensa</td>
<td>46.5%</td>
<td>+4.4 p.p.</td>
</tr>
<tr>
<td>Italy</td>
<td>47.6%</td>
<td>+4.5 p.p.</td>
</tr>
<tr>
<td>Europe</td>
<td>59.4%</td>
<td>+3.7 p.p.</td>
</tr>
</tbody>
</table>

### Airport eAWB penetration over past 12 months

#### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KE - Korean Air</td>
<td>87.1%</td>
</tr>
<tr>
<td>2</td>
<td>AF - Air France</td>
<td>74.3%</td>
</tr>
<tr>
<td>3</td>
<td>QR - Qatar Airways</td>
<td>68.5%</td>
</tr>
<tr>
<td>4</td>
<td>KL - KLM</td>
<td>68.0%</td>
</tr>
<tr>
<td>5</td>
<td>LH - Lufthansa Cargo</td>
<td>64.6%</td>
</tr>
<tr>
<td>6</td>
<td>DL - Delta Air Lines</td>
<td>60.3%</td>
</tr>
<tr>
<td>7</td>
<td>AA - American Airlines</td>
<td>50.9%</td>
</tr>
<tr>
<td>8</td>
<td>SQ - Singapore Airlines</td>
<td>49.1%</td>
</tr>
<tr>
<td>9</td>
<td>CX - Cathay Pacific</td>
<td>44.0%</td>
</tr>
<tr>
<td>10</td>
<td>SV - Saudi Arabian Airlines</td>
<td>43.9%</td>
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</table>

#### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>FERRARI</td>
<td>90.5%</td>
</tr>
<tr>
<td>2</td>
<td>SCHENKER</td>
<td>88.9%</td>
</tr>
<tr>
<td>3</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>87.3%</td>
</tr>
<tr>
<td>4</td>
<td>AGILITY</td>
<td>86.4%</td>
</tr>
<tr>
<td>5</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>86.1%</td>
</tr>
<tr>
<td>6</td>
<td>EXPEDITORS GROUP</td>
<td>83.0%</td>
</tr>
<tr>
<td>7</td>
<td>JAS - JET AIR SERVICE</td>
<td>80.9%</td>
</tr>
<tr>
<td>8</td>
<td>GEODIS</td>
<td>80.1%</td>
</tr>
<tr>
<td>9</td>
<td>BOLLORE</td>
<td>76.6%</td>
</tr>
<tr>
<td>10</td>
<td>SAVINO DEL BENE</td>
<td>76.2%</td>
</tr>
</tbody>
</table>

#### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA %</th>
<th>% Does eAWB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>62</td>
<td>42</td>
<td>67.7%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>245</td>
<td>89</td>
<td>36.3%</td>
</tr>
</tbody>
</table>
eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>NBO - Jomo Kenyatta Int'l</td>
<td>NBO - Nairobi</td>
<td>KE - Kenya</td>
<td>Africa</td>
<td>Both</td>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Volume</th>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>6,115</td>
<td>4,479</td>
<td>3,005</td>
<td>1,474</td>
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</table>

<table>
<thead>
<tr>
<th>eAWB penetration and change vs previous month</th>
<th>eAWB penetration</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jomo Kenyatta Int'l</td>
<td>67.1%</td>
<td>+3.5 p.p.</td>
</tr>
<tr>
<td>Kenya</td>
<td>67.0%</td>
<td>+3.4 p.p.</td>
</tr>
<tr>
<td>Africa</td>
<td>64.9%</td>
<td>+1.4 p.p.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Top Airlines by eAWB penetration</th>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>SV - Saudi Arabian Airlines</td>
<td>99.7%</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>LH - Lufthansa Cargo</td>
<td>97.6%</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>KL - KLM</td>
<td>86.4%</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>QR - Qatar Airways</td>
<td>81.8%</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>LX - SWISS</td>
<td>64.2%</td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>TK - THY - Turkish Airlines</td>
<td>61.0%</td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>AF - Air France</td>
<td>39.6%</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>DL - Delta Air Lines</td>
<td>33.3%</td>
</tr>
<tr>
<td></td>
<td>9</td>
<td>EY - Etihad Airways</td>
<td>28.8%</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>ET - Ethiopian Airlines</td>
<td>24.3%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Top FF Groups by eAWB penetration (from top 20 by volume)</th>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>PANALPINA</td>
<td>100.0%</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>FIT - FREIGHT IN TIME</td>
<td>100.0%</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>MORGAN AIR CARGO</td>
<td>100.0%</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>TOTAL TOUCH CARGO</td>
<td>100.0%</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>MAYA FREIGHT</td>
<td>100.0%</td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>SCHENKER</td>
<td>100.0%</td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>GARDEN FREIGHT LOGISTICS</td>
<td>100.0%</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>EXPOLANKA FREIGHT</td>
<td>100.0%</td>
</tr>
<tr>
<td></td>
<td>9</td>
<td>ICRC / CICR - INTL COMM RED CROSS / CI CROIX ROUGE</td>
<td>100.0%</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>DHL EXPRESS</td>
<td>100.0%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MeA and eAWB status at airport</th>
<th>Rank</th>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>17</td>
<td>16</td>
<td>94.1%</td>
<td>12</td>
<td>70.6%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FF Groups</td>
<td>46</td>
<td>21</td>
<td>45.7%</td>
<td>24</td>
<td>52.2%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>NGO - Komaki AFB</td>
<td>NGO - Nagoya</td>
<td>JP - Japan</td>
<td>Asia Pacific</td>
<td>Both</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>9,407</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>5,571</td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>2,782</td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>2,789</td>
</tr>
</tbody>
</table>

### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Airport</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Komaki AFB</td>
<td>49.9%</td>
<td>-2.8 p.p.</td>
</tr>
<tr>
<td>Japan</td>
<td>46.2%</td>
<td>-2.7 p.p.</td>
</tr>
<tr>
<td>Asia Pacific</td>
<td>63.7%</td>
<td>-0.3 p.p.</td>
</tr>
</tbody>
</table>

### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AA - American Airlines</td>
<td>95.5%</td>
</tr>
<tr>
<td>2</td>
<td>DL - Delta Air Lines</td>
<td>91.3%</td>
</tr>
<tr>
<td>3</td>
<td>CX - Cathay Pacific</td>
<td>90.9%</td>
</tr>
<tr>
<td>4</td>
<td>AC - Air Canada</td>
<td>87.7%</td>
</tr>
<tr>
<td>5</td>
<td>LH - Lufthansa Cargo</td>
<td>87.6%</td>
</tr>
<tr>
<td>6</td>
<td>AF - Air France</td>
<td>86.2%</td>
</tr>
<tr>
<td>7</td>
<td>KL - KLM</td>
<td>82.9%</td>
</tr>
<tr>
<td>8</td>
<td>KE - Korean Air</td>
<td>66.5%</td>
</tr>
<tr>
<td>9</td>
<td>QR - Qatar Airways</td>
<td>65.8%</td>
</tr>
<tr>
<td>10</td>
<td>CI - China Airlines</td>
<td>61.0%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>NIPPON EXPRESS</td>
<td>85.1%</td>
</tr>
<tr>
<td>2</td>
<td>SCHENKER</td>
<td>82.5%</td>
</tr>
<tr>
<td>3</td>
<td>NNR GLOBAL LOGISTICS</td>
<td>80.9%</td>
</tr>
<tr>
<td>4</td>
<td>NISSIN CORP</td>
<td>79.1%</td>
</tr>
<tr>
<td>5</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>78.1%</td>
</tr>
<tr>
<td>6</td>
<td>YUSEN</td>
<td>75.8%</td>
</tr>
<tr>
<td>7</td>
<td>HANKYU HANSHIN EXPRESS</td>
<td>70.2%</td>
</tr>
<tr>
<td>8</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>64.0%</td>
</tr>
<tr>
<td>9</td>
<td>JAPAN TRANSCITY</td>
<td>50.0%</td>
</tr>
<tr>
<td>10</td>
<td>KWE - KINTETSU WORLD EXPRESS</td>
<td>48.0%</td>
</tr>
</tbody>
</table>

### Airport eAWB penetration over past 12 months

#### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>44</td>
<td>36</td>
<td>81.8%</td>
<td>16</td>
<td>36.4%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>76</td>
<td>31</td>
<td>40.8%</td>
<td>37</td>
<td>48.7%</td>
</tr>
</tbody>
</table>
# eAWB Airport Overview - August 2019

## Volume

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRT - Narita</td>
<td>TYO - Tokyo</td>
<td>JP - Japan</td>
<td>Asia Pacific</td>
<td>Both</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### (e)AWB

- Total AWB: 65,478
- eAWB Network: 44,210
- eAWB Actual: 20,180
- eAWB Potential: 24,030

## eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Region/City</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Narita</td>
<td>45.6%</td>
<td>-4.0 p.p.</td>
</tr>
<tr>
<td>Japan</td>
<td>46.2%</td>
<td>-2.7 p.p.</td>
</tr>
<tr>
<td>Asia Pacific</td>
<td>63.7%</td>
<td>-0.3 p.p.</td>
</tr>
</tbody>
</table>

## Airport eAWB penetration over past 12 months

<table>
<thead>
<tr>
<th>Month</th>
<th>eAWB penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug '18</td>
<td>45.6%</td>
</tr>
<tr>
<td>Sep '18</td>
<td>46.2%</td>
</tr>
<tr>
<td>Oct '18</td>
<td>50.0%</td>
</tr>
<tr>
<td>Nov '18</td>
<td>54.0%</td>
</tr>
<tr>
<td>Dec '18</td>
<td>57.0%</td>
</tr>
<tr>
<td>Jan '19</td>
<td>59.0%</td>
</tr>
<tr>
<td>Feb '19</td>
<td>60.0%</td>
</tr>
<tr>
<td>Mar '19</td>
<td>61.0%</td>
</tr>
<tr>
<td>Apr '19</td>
<td>62.0%</td>
</tr>
<tr>
<td>May '19</td>
<td>63.0%</td>
</tr>
<tr>
<td>Jun '19</td>
<td>64.0%</td>
</tr>
<tr>
<td>Jul '19</td>
<td>65.0%</td>
</tr>
<tr>
<td>Aug '19</td>
<td>66.0%</td>
</tr>
</tbody>
</table>

## Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DL - Delta Air Lines</td>
<td>94.7%</td>
</tr>
<tr>
<td>2</td>
<td>KL - KLM</td>
<td>90.9%</td>
</tr>
<tr>
<td>3</td>
<td>AA - American Airlines</td>
<td>90.7%</td>
</tr>
<tr>
<td>4</td>
<td>AF - Air France</td>
<td>86.0%</td>
</tr>
<tr>
<td>5</td>
<td>KE - Korean Air</td>
<td>85.3%</td>
</tr>
<tr>
<td>6</td>
<td>CX - Cathay Pacific</td>
<td>81.8%</td>
</tr>
<tr>
<td>7</td>
<td>LH - Lufthansa Cargo</td>
<td>81.5%</td>
</tr>
<tr>
<td>8</td>
<td>AC - Air Canada</td>
<td>69.5%</td>
</tr>
<tr>
<td>9</td>
<td>QR - Qatar Airways</td>
<td>62.4%</td>
</tr>
<tr>
<td>10</td>
<td>LX - SWISS</td>
<td>61.9%</td>
</tr>
</tbody>
</table>

## Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>HANKYU HANSHIN EXPRESS</td>
<td>84.2%</td>
</tr>
<tr>
<td>2</td>
<td>EXPEDITORS GROUP</td>
<td>76.0%</td>
</tr>
<tr>
<td>3</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>73.2%</td>
</tr>
<tr>
<td>4</td>
<td>SCHENKER</td>
<td>70.4%</td>
</tr>
<tr>
<td>5</td>
<td>NNR GLOBAL LOGISTICS</td>
<td>69.2%</td>
</tr>
<tr>
<td>6</td>
<td>YUSEN</td>
<td>69.1%</td>
</tr>
<tr>
<td>7</td>
<td>KUEHNE + NAGEL</td>
<td>61.5%</td>
</tr>
<tr>
<td>8</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>61.4%</td>
</tr>
<tr>
<td>9</td>
<td>NIPPON EXPRESS</td>
<td>60.7%</td>
</tr>
<tr>
<td>10</td>
<td>VANTEC HTS (HITACHI TRANSPORT SYSTEM) FORWARDING</td>
<td>58.3%</td>
</tr>
</tbody>
</table>

## MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>54</td>
<td>43</td>
<td>79.6%</td>
<td>22</td>
<td>40.7%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>116</td>
<td>45</td>
<td>38.8%</td>
<td>58</td>
<td>50.0%</td>
</tr>
</tbody>
</table>
## eAWB Airport Overview - August 2019

### Volume

<table>
<thead>
<tr>
<th>Airport</th>
<th>City</th>
<th>Country</th>
<th>Region</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUE - Airport</td>
<td>NUE - Nuremberg</td>
<td>DE - Germany</td>
<td>Europe</td>
<td>MC99</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Volume</th>
<th>(e)AWB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>2,721</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>2,142</td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>1,436</td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>706</td>
</tr>
</tbody>
</table>

### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Country</th>
<th>eAWB Penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airport</td>
<td>67.0%</td>
<td>+2.3 p.p.</td>
</tr>
<tr>
<td>Germany</td>
<td>68.5%</td>
<td>+2.4 p.p.</td>
</tr>
<tr>
<td>Europe</td>
<td>59.4%</td>
<td>+3.7 p.p.</td>
</tr>
</tbody>
</table>

### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AF - Air France</td>
<td>98.0%</td>
</tr>
<tr>
<td>2</td>
<td>KL - KLM</td>
<td>96.5%</td>
</tr>
<tr>
<td>3</td>
<td>DL - Delta Air Lines</td>
<td>93.9%</td>
</tr>
<tr>
<td>4</td>
<td>KE - Korean Air</td>
<td>93.3%</td>
</tr>
<tr>
<td>5</td>
<td>LH - Lufthansa Cargo</td>
<td>70.4%</td>
</tr>
<tr>
<td>6</td>
<td>LX - SWISS</td>
<td>59.6%</td>
</tr>
<tr>
<td>7</td>
<td>EY - Etihad Airways</td>
<td>59.2%</td>
</tr>
<tr>
<td>8</td>
<td>AC - Air Canada</td>
<td>58.1%</td>
</tr>
<tr>
<td>9</td>
<td>TK - THY - Turkish Airlines</td>
<td>56.7%</td>
</tr>
<tr>
<td>10</td>
<td>AA - American Airlines</td>
<td>40.0%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>BOLLORE</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>SCHENKER</td>
<td>98.1%</td>
</tr>
<tr>
<td>3</td>
<td>EXPRESS AIR SYSTEMS</td>
<td>97.8%</td>
</tr>
<tr>
<td>4</td>
<td>SENATOR INTL</td>
<td>96.0%</td>
</tr>
<tr>
<td>5</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>93.4%</td>
</tr>
<tr>
<td>6</td>
<td>SACO AIRFREIGHT</td>
<td>92.2%</td>
</tr>
<tr>
<td>7</td>
<td>DACHSER</td>
<td>90.9%</td>
</tr>
<tr>
<td>8</td>
<td>CEVA GROUP</td>
<td>82.0%</td>
</tr>
<tr>
<td>9</td>
<td>ITG</td>
<td>79.2%</td>
</tr>
<tr>
<td>10</td>
<td>STRECK TRSPT</td>
<td>75.0%</td>
</tr>
</tbody>
</table>

### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>MeA</th>
<th>Count</th>
<th>Signed MeA</th>
<th>% Who Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>52</td>
<td>40</td>
<td>76.9%</td>
<td>15</td>
</tr>
<tr>
<td>FF Groups</td>
<td>79</td>
<td>51</td>
<td>64.6%</td>
<td>56</td>
</tr>
</tbody>
</table>
## eAWB Airport Overview - August 2019

### eAWB Penetration and Change vs Previous Month

<table>
<thead>
<tr>
<th>Airport</th>
<th>eAWB Penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>O'Hare International</td>
<td>54.8%</td>
<td>+1.5 p.p.</td>
</tr>
<tr>
<td>USA</td>
<td>55.7%</td>
<td>-0.3 p.p.</td>
</tr>
<tr>
<td>The Americas</td>
<td>50.6%</td>
<td>-0.2 p.p.</td>
</tr>
</tbody>
</table>

### Top Airlines by eAWB Penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DL - Delta Air Lines</td>
<td>92.6%</td>
</tr>
<tr>
<td>2</td>
<td>AF - Air France</td>
<td>86.4%</td>
</tr>
<tr>
<td>3</td>
<td>QR - Qatar Airways</td>
<td>86.4%</td>
</tr>
<tr>
<td>4</td>
<td>AA - American Airlines</td>
<td>82.8%</td>
</tr>
<tr>
<td>5</td>
<td>KL - KLM</td>
<td>82.5%</td>
</tr>
<tr>
<td>6</td>
<td>CX - Cathay Pacific</td>
<td>76.2%</td>
</tr>
<tr>
<td>7</td>
<td>LH - Lufthansa Cargo</td>
<td>72.9%</td>
</tr>
<tr>
<td>8</td>
<td>IB - IAG - IBERIA</td>
<td>70.0%</td>
</tr>
<tr>
<td>9</td>
<td>AC - Air Canada</td>
<td>61.6%</td>
</tr>
<tr>
<td>10</td>
<td>TK - THY - Turkish Airlines</td>
<td>59.5%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB Penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AGILITY</td>
<td>88.3%</td>
</tr>
<tr>
<td>2</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>84.4%</td>
</tr>
<tr>
<td>3</td>
<td>PANALPINA</td>
<td>84.4%</td>
</tr>
<tr>
<td>4</td>
<td>BOLLORE</td>
<td>84.3%</td>
</tr>
<tr>
<td>5</td>
<td>JAS FORWARDING</td>
<td>79.9%</td>
</tr>
<tr>
<td>6</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>79.6%</td>
</tr>
<tr>
<td>7</td>
<td>SCHENKER</td>
<td>77.1%</td>
</tr>
<tr>
<td>8</td>
<td>CH ROBINSON</td>
<td>76.2%</td>
</tr>
<tr>
<td>9</td>
<td>EXPEDITORS GROUP</td>
<td>74.8%</td>
</tr>
<tr>
<td>10</td>
<td>YUSEN</td>
<td>74.7%</td>
</tr>
</tbody>
</table>

### MeA and eAWB Status at Airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>71</td>
<td>46</td>
<td>64.8%</td>
<td>24</td>
<td>33.8%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>593</td>
<td>300</td>
<td>50.6%</td>
<td>273</td>
<td>46.0%</td>
</tr>
</tbody>
</table>
# eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>OSL - Oslo Airport</td>
<td>OSL - Oslo</td>
<td>NO - Norway</td>
<td>Europe</td>
<td>Both</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Volume</th>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>8,591</td>
<td>4,184</td>
<td>2,572</td>
<td>1,612</td>
<td></td>
</tr>
</tbody>
</table>

### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Region</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oslo Airport</td>
<td>61.5%</td>
<td>-2.2 p.p.</td>
</tr>
<tr>
<td>Norway</td>
<td>59.5%</td>
<td>-2.6 p.p.</td>
</tr>
<tr>
<td>Europe</td>
<td>59.4%</td>
<td>+3.7 p.p.</td>
</tr>
</tbody>
</table>

### Airport eAWB penetration over past 12 months

- Aug '18: 61.5%
- Sep '18: 60.8%
- Oct '18: 53.4%
- Nov '18: 40.3%
- Dec '18: 37.5%
- Jan '19: 30.8%
- Feb '19: 29.9%
- Mar '19: 30.8%
- Apr '19: 33.6%
- May '19: 37.3%
- Jun '19: 40.3%
- Jul '19: 43.2%
- Aug '19: 61.5%

### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KE - Korean Air</td>
<td>99.4%</td>
</tr>
<tr>
<td>2</td>
<td>QR - Qatar Airways</td>
<td>94.2%</td>
</tr>
<tr>
<td>3</td>
<td>AF - Air France</td>
<td>92.8%</td>
</tr>
<tr>
<td>4</td>
<td>KL - KLM</td>
<td>88.2%</td>
</tr>
<tr>
<td>5</td>
<td>LH - Lufthansa Cargo</td>
<td>64.9%</td>
</tr>
<tr>
<td>6</td>
<td>DL - Delta Air Lines</td>
<td>54.5%</td>
</tr>
<tr>
<td>7</td>
<td>5X - UPS Airlines</td>
<td>34.5%</td>
</tr>
<tr>
<td>8</td>
<td>CI - China Airlines</td>
<td>20.0%</td>
</tr>
<tr>
<td>9</td>
<td>LX - SWISS</td>
<td>19.2%</td>
</tr>
<tr>
<td>10</td>
<td>TK - THY - Turkish Airlines</td>
<td>16.4%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>WORLD COURIER</td>
<td>86.1%</td>
</tr>
<tr>
<td>2</td>
<td>EXPEDITORS GROUP</td>
<td>85.3%</td>
</tr>
<tr>
<td>3</td>
<td>AGILITY</td>
<td>81.8%</td>
</tr>
<tr>
<td>4</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>81.5%</td>
</tr>
<tr>
<td>5</td>
<td>N &amp; K SPEDITION</td>
<td>76.2%</td>
</tr>
<tr>
<td>6</td>
<td>SCHENKER</td>
<td>74.5%</td>
</tr>
<tr>
<td>7</td>
<td>SALMOSPED</td>
<td>74.3%</td>
</tr>
<tr>
<td>8</td>
<td>BLUE WATER SHIPPING</td>
<td>71.1%</td>
</tr>
<tr>
<td>9</td>
<td>DSV AIR &amp; SEA</td>
<td>64.8%</td>
</tr>
<tr>
<td>10</td>
<td>GEODIS</td>
<td>62.2%</td>
</tr>
</tbody>
</table>

### MeA and eAWB status at airport

- Who: 32.4%
- Count: 69.8%
- Signed MeA: 81.1%
- Airlines: 37
- FF Groups: 53
- %: 75.5%
- %: 37
- %: 62.4%
# eAWB Airport Overview - August 2019

### Total eAWB:
- eAWB: Total 37,144
- eAWB Network: 26,228
- eAWB Actual: 19,441
- eAWB Potential: 6,787

### eAWB penetration and change vs previous month:
- **Capital**: 74.1% (Change: -0.1 p.p.)
- **People's Republic of China**: 67.8% (Change: +1.4 p.p.)
- **North Asia**: 72.1% (Change: +3.1 p.p.)

### Airport eAWB penetration over past 12 months:

<table>
<thead>
<tr>
<th>Month</th>
<th>%</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug '18</td>
<td>74.1%</td>
<td></td>
</tr>
<tr>
<td>Sep '18</td>
<td>74.4%</td>
<td></td>
</tr>
<tr>
<td>Oct '18</td>
<td>74.4%</td>
<td></td>
</tr>
<tr>
<td>Nov '18</td>
<td>74.4%</td>
<td></td>
</tr>
<tr>
<td>Dec '18</td>
<td>74.4%</td>
<td></td>
</tr>
<tr>
<td>Jan '19</td>
<td>74.4%</td>
<td></td>
</tr>
<tr>
<td>Feb '19</td>
<td>74.4%</td>
<td></td>
</tr>
<tr>
<td>Mar '19</td>
<td>74.4%</td>
<td></td>
</tr>
<tr>
<td>Apr '19</td>
<td>74.4%</td>
<td></td>
</tr>
<tr>
<td>May '19</td>
<td>74.4%</td>
<td></td>
</tr>
<tr>
<td>Jun '19</td>
<td>74.4%</td>
<td></td>
</tr>
<tr>
<td>Jul '19</td>
<td>74.4%</td>
<td></td>
</tr>
<tr>
<td>Aug '19</td>
<td>74.4%</td>
<td></td>
</tr>
</tbody>
</table>

### Top Airlines by eAWB penetration:

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CX - Cathay Pacific</td>
<td>99.9%</td>
</tr>
<tr>
<td>2</td>
<td>AA - American Airlines</td>
<td>99.8%</td>
</tr>
<tr>
<td>3</td>
<td>KL - KLM</td>
<td>95.6%</td>
</tr>
<tr>
<td>4</td>
<td>LH - Lufthansa Cargo</td>
<td>93.9%</td>
</tr>
<tr>
<td>5</td>
<td>SQ - Singapore Airlines</td>
<td>92.1%</td>
</tr>
<tr>
<td>6</td>
<td>DL - Delta Airlines</td>
<td>90.3%</td>
</tr>
<tr>
<td>7</td>
<td>AF - Air France</td>
<td>82.0%</td>
</tr>
<tr>
<td>8</td>
<td>CA - China Airlines</td>
<td>81.4%</td>
</tr>
<tr>
<td>9</td>
<td>LX - SWISS</td>
<td>80.1%</td>
</tr>
<tr>
<td>10</td>
<td>CA - Air China</td>
<td>77.4%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB penetration (from top 20 by volume):

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>APEX (BEIJING) INTL</td>
<td>96.0%</td>
</tr>
<tr>
<td>2</td>
<td>E-CHAINS INTL LOGS</td>
<td>94.6%</td>
</tr>
<tr>
<td>3</td>
<td>HARMONY SHIPPING &amp; FORWARDING</td>
<td>93.5%</td>
</tr>
<tr>
<td>4</td>
<td>TNT EXPRESS</td>
<td>93.2%</td>
</tr>
<tr>
<td>5</td>
<td>DAMCO LOGS</td>
<td>91.2%</td>
</tr>
<tr>
<td>6</td>
<td>JUST RIGHT INTL LOGISTICS</td>
<td>89.0%</td>
</tr>
<tr>
<td>7</td>
<td>SHENZHEN ANDASHUN INTL LOGS</td>
<td>86.8%</td>
</tr>
<tr>
<td>8</td>
<td>SINOTRANS AIR TRSPT DEVELOPMENT</td>
<td>77.7%</td>
</tr>
<tr>
<td>9</td>
<td>BEIJING TENGCHANG INTL TRANSPORTATION</td>
<td>74.5%</td>
</tr>
<tr>
<td>10</td>
<td>EXPEDITORS GROUP</td>
<td>74.2%</td>
</tr>
</tbody>
</table>

### MeA and eAWB status at airport:

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>38</td>
<td>34</td>
<td>89.5%</td>
<td>16</td>
<td>42.1%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>130</td>
<td>76</td>
<td>58.5%</td>
<td>75</td>
<td>57.7%</td>
</tr>
</tbody>
</table>
eAWB Airport Overview - August 2019

Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>7,253</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>5,041</td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>3,833</td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>1,208</td>
</tr>
</tbody>
</table>

eAWB penetration and change vs previous month

- **Penang International**
  - eAWB penetration: 76.0%
- **Malaysia**
  - eAWB penetration: 64.5%
  - Change: +3.5 p.p.
- **Asia Pacific**
  - eAWB penetration: 63.7%
  - Change: -0.3 p.p.

Airport eAWB penetration over past 12 months

Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CX - Cathay Pacific</td>
<td>98.6%</td>
</tr>
<tr>
<td>2</td>
<td>CI - China Airlines</td>
<td>87.8%</td>
</tr>
<tr>
<td>3</td>
<td>KL - KLM</td>
<td>86.7%</td>
</tr>
<tr>
<td>4</td>
<td>QR - Qatar Airways</td>
<td>86.1%</td>
</tr>
<tr>
<td>5</td>
<td>DL - Delta Air Lines</td>
<td>81.5%</td>
</tr>
<tr>
<td>6</td>
<td>KE - Korean Air</td>
<td>66.1%</td>
</tr>
<tr>
<td>7</td>
<td>5X - UPS Airlines</td>
<td>52.7%</td>
</tr>
<tr>
<td>8</td>
<td>QF - Qantas</td>
<td>50.0%</td>
</tr>
<tr>
<td>9</td>
<td>BR - EVA Air</td>
<td>41.2%</td>
</tr>
<tr>
<td>10</td>
<td>TK - THY - Turkish Airlines</td>
<td>39.8%</td>
</tr>
</tbody>
</table>

Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DIMERCO EXPRESS</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>TASCO BERHAD - TRANS-ASIA SHIPPING CO</td>
<td>99.1%</td>
</tr>
<tr>
<td>3</td>
<td>EXPEDITORS GROUP</td>
<td>98.9%</td>
</tr>
<tr>
<td>4</td>
<td>KUEHNE + NAGEL</td>
<td>98.5%</td>
</tr>
<tr>
<td>5</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>98.1%</td>
</tr>
<tr>
<td>6</td>
<td>SCHENKER</td>
<td>97.3%</td>
</tr>
<tr>
<td>7</td>
<td>AGILITY</td>
<td>96.4%</td>
</tr>
<tr>
<td>8</td>
<td>DSV AIR &amp; SEA</td>
<td>92.9%</td>
</tr>
<tr>
<td>9</td>
<td>CEVA GROUP</td>
<td>90.2%</td>
</tr>
<tr>
<td>10</td>
<td>PANALPINA</td>
<td>90.0%</td>
</tr>
</tbody>
</table>

MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>22</td>
<td>20</td>
<td>90.9%</td>
<td>13</td>
</tr>
<tr>
<td>FF Groups</td>
<td>72</td>
<td>36</td>
<td>50.0%</td>
<td>44</td>
</tr>
</tbody>
</table>
### eAWB Airport Overview - August 2019

#### Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>6,047</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>2,936</td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>2,350</td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>586</td>
</tr>
</tbody>
</table>

#### eAWB Penetration and Change vs Previous Month

<table>
<thead>
<tr>
<th>Region</th>
<th>eAWB Penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asia Pacific</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Australia</td>
<td>60.2%</td>
<td>+5.0 p.p.</td>
</tr>
<tr>
<td>Perth</td>
<td>80.0%</td>
<td>+6.7 p.p.</td>
</tr>
<tr>
<td>Asia Pacific</td>
<td>63.7%</td>
<td>-0.3 p.p.</td>
</tr>
</tbody>
</table>

#### Top Airlines by eAWB Penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CX - Cathay Pacific</td>
<td>95.5%</td>
</tr>
<tr>
<td>2</td>
<td>QR - Qatar Airways</td>
<td>90.7%</td>
</tr>
<tr>
<td>3</td>
<td>SQ - Singapore Airlines</td>
<td>83.7%</td>
</tr>
<tr>
<td>4</td>
<td>EY - Etihad Airways</td>
<td>77.8%</td>
</tr>
<tr>
<td>5</td>
<td>5X - UPS Airlines</td>
<td>51.1%</td>
</tr>
<tr>
<td>6</td>
<td>QF - Qantas</td>
<td>47.2%</td>
</tr>
<tr>
<td>7</td>
<td>DL - Delta Air Lines</td>
<td>44.7%</td>
</tr>
<tr>
<td>8</td>
<td>AC - Air Canada</td>
<td>25.0%</td>
</tr>
<tr>
<td>9</td>
<td>MK - Air Mauritius</td>
<td>19.6%</td>
</tr>
<tr>
<td>10</td>
<td>TK - THY - Turkish Airlines</td>
<td>12.5%</td>
</tr>
</tbody>
</table>

#### Top FF Groups by eAWB Penetration (from top 20 by Volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>WORLD-LINK INTERNATIONAL</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>TNT</td>
<td>100.0%</td>
</tr>
<tr>
<td>3</td>
<td>WISEWAY LOGISTICS</td>
<td>100.0%</td>
</tr>
<tr>
<td>4</td>
<td>TNT EXPRESS</td>
<td>100.0%</td>
</tr>
<tr>
<td>5</td>
<td>VIP FREIGHT</td>
<td>99.4%</td>
</tr>
<tr>
<td>6</td>
<td>WDM INTL</td>
<td>99.2%</td>
</tr>
<tr>
<td>7</td>
<td>FRESH LIVE &amp; FROZEN AIRCARGO</td>
<td>98.5%</td>
</tr>
<tr>
<td>8</td>
<td>SCHENKER</td>
<td>95.6%</td>
</tr>
<tr>
<td>9</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>95.0%</td>
</tr>
<tr>
<td>10</td>
<td>CT FREIGHT</td>
<td>91.3%</td>
</tr>
</tbody>
</table>

#### MeA and eAWB Status at Airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>27</td>
<td>25</td>
<td>92.6%</td>
<td>11</td>
</tr>
<tr>
<td>FF Groups</td>
<td>83</td>
<td>64</td>
<td>77.1%</td>
<td>55</td>
</tr>
</tbody>
</table>
# eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRG - Ruzyne</td>
<td>PRG - Prague</td>
<td>CZ - Czech Republic</td>
<td>Europe</td>
<td>MC99</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Volume</th>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>6,400</td>
<td>4,241</td>
<td>1,929</td>
<td>2,312</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>eAWB penetration and change vs previous month</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ruzyne</td>
<td>45.5%</td>
<td>+1.5 p.p.</td>
</tr>
<tr>
<td>Czech Republic</td>
<td>45.5%</td>
<td>+1.5 p.p.</td>
</tr>
<tr>
<td>Europe</td>
<td>59.4%</td>
<td>+3.7 p.p.</td>
</tr>
</tbody>
</table>

## Airport eAWB penetration over past 12 months

<table>
<thead>
<tr>
<th>MeA and eAWB status at airport</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Airlines</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
</tr>
</thead>
<tbody>
<tr>
<td>KE - Korean Air</td>
<td>1</td>
<td>36</td>
<td>80.6%</td>
<td>13</td>
</tr>
<tr>
<td>AF - Air France</td>
<td>2</td>
<td>29</td>
<td>53.3%</td>
<td>58</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Top Airlines by eAWB penetration</th>
<th>Top FF Groups by eAWB penetration (from top 20 by volume)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KE - Korean Air</td>
<td>89.7%</td>
<td>1</td>
<td>SCHENKER</td>
<td>81.0%</td>
</tr>
<tr>
<td>2</td>
<td>AF - Air France</td>
<td>80.5%</td>
<td>2</td>
<td>CARGO PARTNER</td>
<td>75.0%</td>
</tr>
<tr>
<td>3</td>
<td>KL - KLM</td>
<td>76.9%</td>
<td>3</td>
<td>RGW EXPRESS</td>
<td>73.4%</td>
</tr>
<tr>
<td>4</td>
<td>LH - Lufthansa Cargo</td>
<td>72.8%</td>
<td>4</td>
<td>HORIZON CARGO</td>
<td>71.3%</td>
</tr>
<tr>
<td>5</td>
<td>DL - Delta Air Lines</td>
<td>65.0%</td>
<td>5</td>
<td>DSV AIR &amp; SEA</td>
<td>71.0%</td>
</tr>
<tr>
<td>6</td>
<td>LX - SWISS</td>
<td>59.5%</td>
<td>6</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>68.4%</td>
</tr>
<tr>
<td>7</td>
<td>SV - Saudi Arabian Airlines</td>
<td>47.4%</td>
<td>7</td>
<td>CARGOMIND</td>
<td>62.5%</td>
</tr>
<tr>
<td>8</td>
<td>QR - Qatar Airways</td>
<td>36.5%</td>
<td>8</td>
<td>GESTIV BOHEMIA</td>
<td>58.3%</td>
</tr>
<tr>
<td>9</td>
<td>5X - UPS Airlines</td>
<td>28.8%</td>
<td>9</td>
<td>EXPEDITORS GROUP</td>
<td>57.6%</td>
</tr>
<tr>
<td>10</td>
<td>IB - IAG - IBERIA</td>
<td>25.0%</td>
<td>10</td>
<td>PANALPINA</td>
<td>57.6%</td>
</tr>
</tbody>
</table>
## eAWB Airport Overview - August 2019

### Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>eAWB</td>
<td>5,434</td>
<td>1,310</td>
<td>960</td>
<td>350</td>
</tr>
</tbody>
</table>

### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>City</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gimhae</td>
<td>73.3%</td>
<td>-19.8 p.p.</td>
</tr>
<tr>
<td>Korea, Republic of</td>
<td>72.1%</td>
<td>-6.3 p.p.</td>
</tr>
<tr>
<td>Asia Pacific</td>
<td>63.7%</td>
<td>-0.3 p.p.</td>
</tr>
</tbody>
</table>

### Airport eAWB penetration over past 12 months

<table>
<thead>
<tr>
<th>Month</th>
<th>eAWB penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug '18</td>
<td>20%</td>
</tr>
<tr>
<td>Sep '18</td>
<td>40%</td>
</tr>
<tr>
<td>Oct '18</td>
<td>60%</td>
</tr>
<tr>
<td>Nov '18</td>
<td>80%</td>
</tr>
<tr>
<td>Dec '18</td>
<td>100%</td>
</tr>
<tr>
<td>Jan '19</td>
<td>100%</td>
</tr>
<tr>
<td>Feb '19</td>
<td>100%</td>
</tr>
<tr>
<td>Mar '19</td>
<td>0%</td>
</tr>
<tr>
<td>Apr '19</td>
<td>0%</td>
</tr>
<tr>
<td>May '19</td>
<td>0%</td>
</tr>
<tr>
<td>Jun '19</td>
<td>0%</td>
</tr>
<tr>
<td>Jul '19</td>
<td>0%</td>
</tr>
<tr>
<td>Aug '19</td>
<td>73.3%</td>
</tr>
</tbody>
</table>

### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KE - Korean Air</td>
<td>80.3%</td>
</tr>
<tr>
<td>2</td>
<td>5X - UPS Airlines</td>
<td>34.8%</td>
</tr>
<tr>
<td>3</td>
<td>MU - China Eastern Airlines</td>
<td>0.0%</td>
</tr>
<tr>
<td>4</td>
<td>CI - China Airlines</td>
<td>0.0%</td>
</tr>
<tr>
<td>5</td>
<td>EY - Etihad Airways</td>
<td>0.0%</td>
</tr>
<tr>
<td>6</td>
<td>JL - Japan Airlines</td>
<td>0.0%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SACSEL - SEOUL AIR CARGO SERVICE LTD</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>SITC LOGS</td>
<td>100.0%</td>
</tr>
<tr>
<td>3</td>
<td>KCH INTL EXPRESS</td>
<td>100.0%</td>
</tr>
<tr>
<td>4</td>
<td>YUSEN</td>
<td>96.9%</td>
</tr>
<tr>
<td>5</td>
<td>EASTERN AIR EXPRESS</td>
<td>92.9%</td>
</tr>
<tr>
<td>6</td>
<td>DONGSUE CONSOLIDATION</td>
<td>87.0%</td>
</tr>
<tr>
<td>7</td>
<td>KMTC - KOREA MARINE TRNSPRT CO AIR-SEA SRVC</td>
<td>83.3%</td>
</tr>
<tr>
<td>8</td>
<td>PANTOS LOGS</td>
<td>81.8%</td>
</tr>
<tr>
<td>9</td>
<td>PAX LOGISTICS</td>
<td>79.3%</td>
</tr>
<tr>
<td>10</td>
<td>EUNSAN SHIPPING &amp; AIRCARGO</td>
<td>78.8%</td>
</tr>
</tbody>
</table>

### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA %</th>
<th>Does eAWB %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>10</td>
<td>80.0%</td>
<td>1</td>
</tr>
<tr>
<td>FF Groups</td>
<td>60</td>
<td>65.0%</td>
<td>41</td>
</tr>
</tbody>
</table>
# eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>Airport</th>
<th>City</th>
<th>Country</th>
<th>Region</th>
<th>MP4/ MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVG - PuDong</td>
<td>SHA - Shanghai</td>
<td>CN - People's Republic of China</td>
<td>North Asia</td>
<td>MC99</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>(e)AWB</td>
<td>199,127</td>
<td>147,364</td>
<td>99,636</td>
<td>47,728</td>
</tr>
</tbody>
</table>

### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Airport</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>PuDong</td>
<td>67.6%</td>
<td>+1.5 p.p.</td>
</tr>
<tr>
<td>People's Republic of China</td>
<td>67.8%</td>
<td>+1.4 p.p.</td>
</tr>
<tr>
<td>North Asia</td>
<td>72.1%</td>
<td>+3.1 p.p.</td>
</tr>
</tbody>
</table>

### Airports eAWB penetration over past 12 months

![Graph showing eAWB penetration over past 12 months]

### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>HU - Hainan Airlines</td>
<td>99.7%</td>
</tr>
<tr>
<td>2</td>
<td>SV - Saudi Arabian Airlines</td>
<td>98.6%</td>
</tr>
<tr>
<td>3</td>
<td>CA - Air China</td>
<td>97.9%</td>
</tr>
<tr>
<td>4</td>
<td>CX - Cathay Pacific</td>
<td>95.8%</td>
</tr>
<tr>
<td>5</td>
<td>AF - Air France</td>
<td>95.4%</td>
</tr>
<tr>
<td>6</td>
<td>QR - Qatar Airways</td>
<td>95.0%</td>
</tr>
<tr>
<td>7</td>
<td>LH - Lufthansa Cargo</td>
<td>92.6%</td>
</tr>
<tr>
<td>8</td>
<td>KL - KLM</td>
<td>92.5%</td>
</tr>
<tr>
<td>9</td>
<td>AA - American Airlines</td>
<td>92.0%</td>
</tr>
<tr>
<td>10</td>
<td>CZ - China Southern Airlines</td>
<td>88.7%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>TCI FREIGHT FWNG</td>
<td>95.3%</td>
</tr>
<tr>
<td>2</td>
<td>SHANGHAI HANXING</td>
<td>92.9%</td>
</tr>
<tr>
<td>3</td>
<td>SHANGHAI EASTERN INTERNATIONAL LOGISTICS</td>
<td>85.3%</td>
</tr>
<tr>
<td>4</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>83.5%</td>
</tr>
<tr>
<td>5</td>
<td>ALL-LINK LOGISTICS</td>
<td>83.0%</td>
</tr>
<tr>
<td>6</td>
<td>GEODIS</td>
<td>81.8%</td>
</tr>
<tr>
<td>7</td>
<td>SCHENKER</td>
<td>75.0%</td>
</tr>
<tr>
<td>8</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>71.6%</td>
</tr>
<tr>
<td>9</td>
<td>EXPEDITORS GROUP</td>
<td>67.8%</td>
</tr>
<tr>
<td>10</td>
<td>WFF - SHANGHAI WECAN FREIGHT FORWARDING</td>
<td>67.7%</td>
</tr>
</tbody>
</table>

### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>49</td>
<td>43</td>
<td>87.8%</td>
<td>26</td>
</tr>
<tr>
<td>FF Groups</td>
<td>225</td>
<td>113</td>
<td>50.2%</td>
<td>169</td>
</tr>
</tbody>
</table>
# eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>RUH - King Khalid Int'l</td>
<td>RUH - Riyadh</td>
<td>SA - Saudi Arabia</td>
<td>Middle East</td>
<td>MC99</td>
<td>Yes</td>
</tr>
</tbody>
</table>
### eAWB Airport Overview - August 2019

#### Volume

<table>
<thead>
<tr>
<th>eAWB</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>9,768</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>6,991</td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>2,045</td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>4,946</td>
</tr>
</tbody>
</table>

#### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Airport/Region</th>
<th>eAWB penetration</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arturo Merino Benitez</td>
<td>29.3%</td>
<td>-0.8 p.p.</td>
</tr>
<tr>
<td>Chile</td>
<td>28.5%</td>
<td>-0.5 p.p.</td>
</tr>
<tr>
<td>The Americas</td>
<td>50.6%</td>
<td>-0.2 p.p.</td>
</tr>
</tbody>
</table>

#### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AA - American Airlines</td>
<td>65.0%</td>
</tr>
<tr>
<td>2</td>
<td>AF - Air France</td>
<td>52.9%</td>
</tr>
<tr>
<td>3</td>
<td>KE - Korean Air</td>
<td>42.5%</td>
</tr>
<tr>
<td>4</td>
<td>KL - KLM</td>
<td>39.8%</td>
</tr>
<tr>
<td>5</td>
<td>LA - LAN Airlines</td>
<td>26.7%</td>
</tr>
<tr>
<td>6</td>
<td>IB - IAG - IBERIA</td>
<td>20.0%</td>
</tr>
<tr>
<td>7</td>
<td>5X - UPS Airlines</td>
<td>19.9%</td>
</tr>
<tr>
<td>8</td>
<td>DL - Delta Air Lines</td>
<td>18.3%</td>
</tr>
<tr>
<td>9</td>
<td>CV - Cargolux</td>
<td>8.6%</td>
</tr>
<tr>
<td>10</td>
<td>BA - IAG - British Airways</td>
<td>2.1%</td>
</tr>
</tbody>
</table>

#### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>64.3%</td>
</tr>
<tr>
<td>2</td>
<td>SCHENKER</td>
<td>46.9%</td>
</tr>
<tr>
<td>3</td>
<td>EXPEDITORS GROUP</td>
<td>46.3%</td>
</tr>
<tr>
<td>4</td>
<td>ANDES LOGISTICS</td>
<td>44.8%</td>
</tr>
<tr>
<td>5</td>
<td>DSV AIR &amp; SEA</td>
<td>44.7%</td>
</tr>
<tr>
<td>6</td>
<td>KUEHNE + NAGEL</td>
<td>41.4%</td>
</tr>
<tr>
<td>7</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>39.1%</td>
</tr>
<tr>
<td>8</td>
<td>CEVA GROUP</td>
<td>36.7%</td>
</tr>
<tr>
<td>9</td>
<td>AGILITY</td>
<td>35.2%</td>
</tr>
<tr>
<td>10</td>
<td>DHL EXPRESS</td>
<td>32.4%</td>
</tr>
</tbody>
</table>

#### Airport eAWB penetration over past 12 months

- Aug '18: 29.3%
- Sep '18: 28.5%
- Oct '18: 30.6%
- Nov '18: 27.9%
- Dec '18: 25.1%
- Jan '19: 22.2%
- Feb '19: 19.3%
- Mar '19: 16.4%
- Apr '19: 13.5%
- May '19: 10.6%
- Jun '19: 7.7%
- Jul '19: 4.8%
- Aug '19: 29.3%

#### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AA - American Airlines</td>
<td>65.0%</td>
</tr>
<tr>
<td>2</td>
<td>AF - Air France</td>
<td>52.9%</td>
</tr>
<tr>
<td>3</td>
<td>KE - Korean Air</td>
<td>42.5%</td>
</tr>
<tr>
<td>4</td>
<td>KL - KLM</td>
<td>39.8%</td>
</tr>
<tr>
<td>5</td>
<td>LA - LAN Airlines</td>
<td>26.7%</td>
</tr>
<tr>
<td>6</td>
<td>IB - IAG - IBERIA</td>
<td>20.0%</td>
</tr>
<tr>
<td>7</td>
<td>5X - UPS Airlines</td>
<td>19.9%</td>
</tr>
<tr>
<td>8</td>
<td>DL - Delta Air Lines</td>
<td>18.3%</td>
</tr>
<tr>
<td>9</td>
<td>CV - Cargolux</td>
<td>8.6%</td>
</tr>
<tr>
<td>10</td>
<td>BA - IAG - British Airways</td>
<td>2.1%</td>
</tr>
</tbody>
</table>

#### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>64.3%</td>
</tr>
<tr>
<td>2</td>
<td>SCHENKER</td>
<td>46.9%</td>
</tr>
<tr>
<td>3</td>
<td>EXPEDITORS GROUP</td>
<td>46.3%</td>
</tr>
<tr>
<td>4</td>
<td>ANDES LOGISTICS</td>
<td>44.8%</td>
</tr>
<tr>
<td>5</td>
<td>DSV AIR &amp; SEA</td>
<td>44.7%</td>
</tr>
<tr>
<td>6</td>
<td>KUEHNE + NAGEL</td>
<td>41.4%</td>
</tr>
<tr>
<td>7</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>39.1%</td>
</tr>
<tr>
<td>8</td>
<td>CEVA GROUP</td>
<td>36.7%</td>
</tr>
<tr>
<td>9</td>
<td>AGILITY</td>
<td>35.2%</td>
</tr>
<tr>
<td>10</td>
<td>DHL EXPRESS</td>
<td>32.4%</td>
</tr>
</tbody>
</table>

#### MeA and eAWB status at airport

- Who: 28.6%
- Count: 35
- Signed MeA: 27
- %: 77.1%
- Does eAWB: 10
- %: 28.6%

- Airlines: 77
- %: 63.6%
- Does eAWB: 20
- %: 26.0%
### eAWB Airport Overview - August 2019

#### Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>10,045</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>7,178</td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>4,483</td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>2,695</td>
</tr>
</tbody>
</table>

#### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seattle/Tacoma Int'l</td>
<td>62.5%</td>
<td>+2.6 p.p.</td>
</tr>
<tr>
<td>USA</td>
<td>55.7%</td>
<td>-0.3 p.p.</td>
</tr>
<tr>
<td>The Americas</td>
<td>50.6%</td>
<td>-0.2 p.p.</td>
</tr>
</tbody>
</table>

#### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CA - Air China</td>
<td>96.4%</td>
</tr>
<tr>
<td>2</td>
<td>CI - China Airlines</td>
<td>91.9%</td>
</tr>
<tr>
<td>3</td>
<td>LH - Lufthansa Cargo</td>
<td>88.7%</td>
</tr>
<tr>
<td>4</td>
<td>DL - Delta Air Lines</td>
<td>81.5%</td>
</tr>
<tr>
<td>5</td>
<td>TK - THY - Turkish Airlines</td>
<td>72.7%</td>
</tr>
<tr>
<td>6</td>
<td>CX - Cathay Pacific</td>
<td>72.7%</td>
</tr>
<tr>
<td>7</td>
<td>AF - Air France</td>
<td>69.1%</td>
</tr>
<tr>
<td>8</td>
<td>AA - American Airlines</td>
<td>67.2%</td>
</tr>
<tr>
<td>9</td>
<td>BR - EVA Air</td>
<td>61.3%</td>
</tr>
<tr>
<td>10</td>
<td>CV - Cargolux</td>
<td>57.4%</td>
</tr>
</tbody>
</table>

#### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>MPI - MARKET PIONEER INTL</td>
<td>99.5%</td>
</tr>
<tr>
<td>2</td>
<td>EXPRESS AIR SYSTEMS</td>
<td>98.1%</td>
</tr>
<tr>
<td>3</td>
<td>MAJESTIC SUPERIOR LOGISTICS</td>
<td>95.9%</td>
</tr>
<tr>
<td>4</td>
<td>PANALPINa</td>
<td>94.8%</td>
</tr>
<tr>
<td>5</td>
<td>LH - TECHNIK LOGISTIK</td>
<td>94.8%</td>
</tr>
<tr>
<td>6</td>
<td>SCHENKER</td>
<td>92.9%</td>
</tr>
<tr>
<td>7</td>
<td>LEADER MUTUAL FREIGHT SYSTEMS</td>
<td>88.3%</td>
</tr>
<tr>
<td>8</td>
<td>BOLLORE</td>
<td>87.8%</td>
</tr>
<tr>
<td>9</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>84.0%</td>
</tr>
<tr>
<td>10</td>
<td>AIR-WAVE EXPRESS</td>
<td>83.7%</td>
</tr>
</tbody>
</table>

#### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>45</td>
<td>36</td>
<td>80.0%</td>
<td>18</td>
<td>40.0%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>270</td>
<td>161</td>
<td>59.6%</td>
<td>134</td>
<td>49.6%</td>
</tr>
</tbody>
</table>
## eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>SFO - San Francisco Int'l</td>
<td>SFO - San Francisco</td>
<td>US - USA</td>
<td>The Americas</td>
<td>Both</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>16,476</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>10,165</td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>5,676</td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>4,489</td>
</tr>
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</table>

### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Location</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>San Francisco Int'l</td>
<td>55.8%</td>
<td>+1.3 p.p.</td>
</tr>
<tr>
<td>USA</td>
<td>55.7%</td>
<td>-0.3 p.p.</td>
</tr>
<tr>
<td>The Americas</td>
<td>50.6%</td>
<td>-0.2 p.p.</td>
</tr>
</tbody>
</table>

### Airport eAWB penetration over past 12 months

![Graph showing eAWB penetration over past 12 months](graph.png)

### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KL - KLM</td>
<td>89.3%</td>
</tr>
<tr>
<td>2</td>
<td>CX - Cathay Pacific</td>
<td>85.0%</td>
</tr>
<tr>
<td>3</td>
<td>AF - Air France</td>
<td>84.3%</td>
</tr>
<tr>
<td>4</td>
<td>KE - Korean Air</td>
<td>80.4%</td>
</tr>
<tr>
<td>5</td>
<td>LH - Lufthansa Cargo</td>
<td>79.0%</td>
</tr>
<tr>
<td>6</td>
<td>AA - American Airlines</td>
<td>76.9%</td>
</tr>
<tr>
<td>7</td>
<td>DL - Delta Air Lines</td>
<td>68.3%</td>
</tr>
<tr>
<td>8</td>
<td>BR - EVA Air</td>
<td>63.3%</td>
</tr>
<tr>
<td>9</td>
<td>QR - Qatar Airways</td>
<td>61.9%</td>
</tr>
<tr>
<td>10</td>
<td>SQ - Singapore Airlines</td>
<td>61.4%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>EXPEDITORS GROUP</td>
<td>91.5%</td>
</tr>
<tr>
<td>2</td>
<td>CEVA GROUP</td>
<td>89.9%</td>
</tr>
<tr>
<td>3</td>
<td>DIMERCO EXPRESS</td>
<td>87.1%</td>
</tr>
<tr>
<td>4</td>
<td>UNITTRANS INTL</td>
<td>83.3%</td>
</tr>
<tr>
<td>5</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>80.7%</td>
</tr>
<tr>
<td>6</td>
<td>DSV AIR &amp; SEA</td>
<td>76.7%</td>
</tr>
<tr>
<td>7</td>
<td>SCHENKER</td>
<td>72.7%</td>
</tr>
<tr>
<td>8</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>70.8%</td>
</tr>
<tr>
<td>9</td>
<td>NNR GLOBAL LOGISTICS</td>
<td>65.1%</td>
</tr>
<tr>
<td>10</td>
<td>KWE - KINTETSU WORLD EXPRESS</td>
<td>64.2%</td>
</tr>
</tbody>
</table>

### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>MeA Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>22</td>
</tr>
<tr>
<td>FF Groups</td>
<td>149</td>
</tr>
</tbody>
</table>
### eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIN - Changi</td>
<td>SIN - Singapore</td>
<td>SG - Singapore</td>
<td>Asia Pacific</td>
<td>NONE</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### Volume

<table>
<thead>
<tr>
<th>Type</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>(e)AWB</td>
<td>57,575</td>
</tr>
<tr>
<td>Total AWB</td>
<td>57,575</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>46,856</td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>39,680</td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>7,176</td>
</tr>
</tbody>
</table>

### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Location</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Changi</td>
<td>84.7%</td>
<td>-0.4 p.p.</td>
</tr>
<tr>
<td>Singapore</td>
<td>84.7%</td>
<td>-0.4 p.p.</td>
</tr>
<tr>
<td>Asia Pacific</td>
<td>63.7%</td>
<td>-0.3 p.p.</td>
</tr>
</tbody>
</table>

### Airport eAWB penetration over past 12 months

![Chart showing eAWB penetration over past 12 months]

### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SQ - Singapore Airlines</td>
<td>99.9%</td>
</tr>
<tr>
<td>2</td>
<td>KL - KLM</td>
<td>95.9%</td>
</tr>
<tr>
<td>3</td>
<td>QR - Qatar Airways</td>
<td>95.4%</td>
</tr>
<tr>
<td>4</td>
<td>LH - Lufthansa Cargo</td>
<td>95.1%</td>
</tr>
<tr>
<td>5</td>
<td>AF - Air France</td>
<td>95.1%</td>
</tr>
<tr>
<td>6</td>
<td>CX - Cathay Pacific</td>
<td>91.7%</td>
</tr>
<tr>
<td>7</td>
<td>LX - SWISS</td>
<td>90.4%</td>
</tr>
<tr>
<td>8</td>
<td>KE - Korean Air</td>
<td>89.2%</td>
</tr>
<tr>
<td>9</td>
<td>QF - Qantas</td>
<td>87.9%</td>
</tr>
<tr>
<td>10</td>
<td>SV - Saudi Arabian Airlines</td>
<td>82.8%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DHL EXPRESS</td>
<td>98.7%</td>
</tr>
<tr>
<td>2</td>
<td>CTI LOGISTICS</td>
<td>94.8%</td>
</tr>
<tr>
<td>3</td>
<td>SCHENKER</td>
<td>94.0%</td>
</tr>
<tr>
<td>4</td>
<td>CEVA GROUP</td>
<td>93.8%</td>
</tr>
<tr>
<td>5</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>93.3%</td>
</tr>
<tr>
<td>6</td>
<td>TRANSPEED CARGO</td>
<td>93.1%</td>
</tr>
<tr>
<td>7</td>
<td>TNT EXPRESS</td>
<td>92.3%</td>
</tr>
<tr>
<td>8</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>92.1%</td>
</tr>
<tr>
<td>9</td>
<td>GEODIS</td>
<td>91.8%</td>
</tr>
<tr>
<td>10</td>
<td>EXPEDITORS GROUP</td>
<td>89.8%</td>
</tr>
</tbody>
</table>

### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed</th>
<th>%</th>
<th>Does</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>42</td>
<td>37</td>
<td>88.1%</td>
<td>23</td>
<td>54.8%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>172</td>
<td>89</td>
<td>51.7%</td>
<td>142</td>
<td>82.6%</td>
</tr>
</tbody>
</table>
eAWB Airport Overview - August 2019

**Volume**

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>8,750</td>
<td>6,890</td>
<td>4,683</td>
<td>2,207</td>
</tr>
</tbody>
</table>

**eAWB penetration and change vs previous month**

<table>
<thead>
<tr>
<th></th>
<th>eAWB penetration</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airport</td>
<td>68.0%</td>
<td>+1.1 p.p.</td>
</tr>
<tr>
<td>Germany</td>
<td>68.5%</td>
<td>+2.4 p.p.</td>
</tr>
<tr>
<td>Europe</td>
<td>59.4%</td>
<td>+3.7 p.p.</td>
</tr>
</tbody>
</table>

**Airport eAWB penetration over past 12 months**

- Aug '18: 68.0%
- Sep '18: 68.5%
- Oct '18: 68.9%
- Nov '18: 69.4%
- Dec '18: 69.9%
- Jan '19: 70.4%
- Feb '19: 70.9%
- Mar '19: 71.4%
- Apr '19: 71.9%
- May '19: 72.4%
- Jun '19: 72.9%
- Jul '19: 73.4%
- Aug '19: 68.0%

**Top Airlines by eAWB penetration**

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KE - Korean Air</td>
<td>97.9%</td>
</tr>
<tr>
<td>2</td>
<td>AF - Air France</td>
<td>95.2%</td>
</tr>
<tr>
<td>3</td>
<td>KL - KLM</td>
<td>91.8%</td>
</tr>
<tr>
<td>4</td>
<td>DL - Delta Air Lines</td>
<td>87.4%</td>
</tr>
<tr>
<td>5</td>
<td>CI - China Airlines</td>
<td>85.5%</td>
</tr>
<tr>
<td>6</td>
<td>AA - American Airlines</td>
<td>76.6%</td>
</tr>
<tr>
<td>7</td>
<td>QR - Qatar Airways</td>
<td>76.1%</td>
</tr>
<tr>
<td>8</td>
<td>LH - Lufthansa Cargo</td>
<td>71.1%</td>
</tr>
<tr>
<td>9</td>
<td>NH - All Nippon Airways</td>
<td>63.6%</td>
</tr>
<tr>
<td>10</td>
<td>LX - SWISS</td>
<td>62.7%</td>
</tr>
</tbody>
</table>

**Top FF Groups by eAWB penetration (from top 20 by volume)**

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>WORLD COURIER</td>
<td>98.5%</td>
</tr>
<tr>
<td>2</td>
<td>SENATOR INTL</td>
<td>96.5%</td>
</tr>
<tr>
<td>3</td>
<td>ROHLIG</td>
<td>96.0%</td>
</tr>
<tr>
<td>4</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>94.5%</td>
</tr>
<tr>
<td>5</td>
<td>LOGWIN AIR + OCEAN INTL</td>
<td>88.1%</td>
</tr>
<tr>
<td>6</td>
<td>LLS TEAM</td>
<td>88.1%</td>
</tr>
<tr>
<td>7</td>
<td>DSV AIR &amp; SEA</td>
<td>87.1%</td>
</tr>
<tr>
<td>8</td>
<td>A HARTRODT</td>
<td>86.7%</td>
</tr>
<tr>
<td>9</td>
<td>EMONS AIR AND SEA</td>
<td>86.4%</td>
</tr>
<tr>
<td>10</td>
<td>GROUP7</td>
<td>86.3%</td>
</tr>
</tbody>
</table>

**MeA and eAWB status at airport**

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>71</td>
<td>48</td>
<td>67.6%</td>
<td>19</td>
</tr>
<tr>
<td>FF Groups</td>
<td>155</td>
<td>85</td>
<td>54.8%</td>
<td>104</td>
</tr>
</tbody>
</table>
## eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYD - Kingsford Smith</td>
<td>SYD - Sydney</td>
<td>AU - Australia</td>
<td>Asia Pacific</td>
<td>Both</td>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Volume</th>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>13,950</td>
<td>7,088</td>
<td>3,657</td>
<td>3,431</td>
<td></td>
</tr>
</tbody>
</table>

### eAWB penetration and change vs previous month

#### Kingsford Smith
- eAWB penetration: 51.6%

#### Australia
- eAWB penetration: 60.2%
- Change: +5.0 p.p.

#### Asia Pacific
- eAWB penetration: 63.7%
- Change: -0.3 p.p.

### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AA - American Airlines</td>
<td>96.5%</td>
</tr>
<tr>
<td>2</td>
<td>SQ - Singapore Airlines</td>
<td>93.8%</td>
</tr>
<tr>
<td>3</td>
<td>CX - Cathay Pacific</td>
<td>93.4%</td>
</tr>
<tr>
<td>4</td>
<td>EY - Etihad Airways</td>
<td>88.2%</td>
</tr>
<tr>
<td>5</td>
<td>DL - Delta Air Lines</td>
<td>77.9%</td>
</tr>
<tr>
<td>6</td>
<td>QR - Qatar Airways</td>
<td>69.4%</td>
</tr>
<tr>
<td>7</td>
<td>SV - Saudi Arabian Airlines</td>
<td>45.5%</td>
</tr>
<tr>
<td>8</td>
<td>VS - Virgin Atlantic</td>
<td>35.8%</td>
</tr>
<tr>
<td>9</td>
<td>5X - UPS Airlines</td>
<td>34.4%</td>
</tr>
<tr>
<td>10</td>
<td>CA - Air China</td>
<td>33.3%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DHL EXPRESS</td>
<td>86.9%</td>
</tr>
<tr>
<td>2</td>
<td>TOWERS INTL FREIGHT FORWARDERS</td>
<td>80.0%</td>
</tr>
<tr>
<td>3</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>77.4%</td>
</tr>
<tr>
<td>4</td>
<td>CT FREIGHT</td>
<td>74.4%</td>
</tr>
<tr>
<td>5</td>
<td>MAINFREIGHT</td>
<td>72.4%</td>
</tr>
<tr>
<td>6</td>
<td>MATZEN CARGO</td>
<td>71.4%</td>
</tr>
<tr>
<td>7</td>
<td>AIR MENZIES INTL</td>
<td>71.1%</td>
</tr>
<tr>
<td>8</td>
<td>ASSOCIATED CUSTOMS &amp; FORWARDING SERVICES</td>
<td>64.7%</td>
</tr>
<tr>
<td>9</td>
<td>ITM - INTL TRADE MANAGEMENT</td>
<td>58.4%</td>
</tr>
<tr>
<td>10</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>50.3%</td>
</tr>
</tbody>
</table>

### Airport eAWB penetration over past 12 months

- Aug '18: 51.6%
- Sep '18: 44.7%
- Oct '18: 0%
- Nov '18: 10%
- Dec '18: 20%
- Jan '19: 30%
- Feb '19: 40%
- Mar '19: 50%
- Apr '19: 60%
- May '19: 63.7%
- Jun '19: 60.2%
- Jul '19: 51.6%
- Aug '19: 51.6%

### Top Airlines and eAWB status at airport

- Airlines: 44, Count: 32, Signed MeA: 72.7%, % Does eAWB: 16, % Who eAWB: 36.4%
- FF Groups: 131, Count: 95, Signed MeA: 72.5%, % Does eAWB: 61.8%
eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLV - Ben Gurion Int'l</td>
<td>TLV - Tel Aviv-Yafo</td>
<td>IL - Israel</td>
<td>Europe</td>
<td>Both</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Volume</th>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>7,603</td>
<td>6,389</td>
<td>2,969</td>
<td>3,420</td>
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<table>
<thead>
<tr>
<th>eAWB penetration and change vs previous month</th>
<th>eAWB penetration</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ben Gurion Int'l</td>
<td>46.5%</td>
<td>+3.8 p.p.</td>
</tr>
<tr>
<td>Israel</td>
<td>46.5%</td>
<td>+3.8 p.p.</td>
</tr>
<tr>
<td>Europe</td>
<td>59.4%</td>
<td>+3.7 p.p.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Top Airlines by eAWB penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rank</td>
</tr>
<tr>
<td>------</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>5</td>
</tr>
<tr>
<td>6</td>
</tr>
<tr>
<td>7</td>
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<tr>
<td>9</td>
</tr>
<tr>
<td>10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Top FF Groups by eAWB penetration (from top 20 by volume)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rank</td>
</tr>
<tr>
<td>------</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>5</td>
</tr>
<tr>
<td>6</td>
</tr>
<tr>
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<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
<tr>
<td>10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MeA and eAWB status at airport</th>
</tr>
</thead>
<tbody>
<tr>
<td>Who</td>
</tr>
<tr>
<td>-----</td>
</tr>
<tr>
<td>Airlines</td>
</tr>
<tr>
<td>FF Groups</td>
</tr>
</tbody>
</table>
## eAWB Airport Overview - August 2019

### Volume

<table>
<thead>
<tr>
<th>Dimension</th>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>47,065</td>
<td>43,179</td>
<td>32,939</td>
<td>10,240</td>
<td>76.3%</td>
<td>78.0%</td>
</tr>
</tbody>
</table>

### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Location</th>
<th>eAWB penetration</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Taoyuan</td>
<td>76.3%</td>
<td>+2.8 p.p.</td>
</tr>
<tr>
<td>Chinese Taipei</td>
<td>78.0%</td>
<td>+2.5 p.p.</td>
</tr>
<tr>
<td>North Asia</td>
<td>72.1%</td>
<td>+3.1 p.p.</td>
</tr>
</tbody>
</table>

### Airport eAWB penetration over past 12 months

#### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CX - Cathay Pacific</td>
<td>97.1%</td>
</tr>
<tr>
<td>2</td>
<td>DL - Delta Air Lines</td>
<td>94.9%</td>
</tr>
<tr>
<td>3</td>
<td>BR - EVA Air</td>
<td>94.1%</td>
</tr>
<tr>
<td>4</td>
<td>SO - Singapore Airlines</td>
<td>92.5%</td>
</tr>
<tr>
<td>5</td>
<td>AF - Air France</td>
<td>86.2%</td>
</tr>
<tr>
<td>6</td>
<td>CI - China Airlines</td>
<td>82.9%</td>
</tr>
<tr>
<td>7</td>
<td>KZ - Nippon Cargo Airlines (NCA)</td>
<td>65.6%</td>
</tr>
<tr>
<td>8</td>
<td>5X - UPS Airlines</td>
<td>60.4%</td>
</tr>
<tr>
<td>9</td>
<td>TK - THY - Turkish Airlines</td>
<td>54.7%</td>
</tr>
<tr>
<td>10</td>
<td>KL - KLM</td>
<td>46.7%</td>
</tr>
</tbody>
</table>

#### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>GLOBAL SK EXPRESS</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>KERRY FREIGHT</td>
<td>99.7%</td>
</tr>
<tr>
<td>3</td>
<td>BRIGHT EXPRESS INTL</td>
<td>99.2%</td>
</tr>
<tr>
<td>4</td>
<td>CEVA GROUP</td>
<td>98.1%</td>
</tr>
<tr>
<td>5</td>
<td>DIMERCO EXPRESS</td>
<td>95.8%</td>
</tr>
<tr>
<td>6</td>
<td>KWE - KINTETSU WORLD EXPRESS</td>
<td>95.1%</td>
</tr>
<tr>
<td>7</td>
<td>MARINE LAND AIR TRANSPORTATION</td>
<td>94.4%</td>
</tr>
<tr>
<td>8</td>
<td>MORRISON EXPRESS</td>
<td>94.1%</td>
</tr>
<tr>
<td>9</td>
<td>EXPEDITORS GROUP</td>
<td>92.7%</td>
</tr>
<tr>
<td>10</td>
<td>NIPPON EXPRESS</td>
<td>90.2%</td>
</tr>
</tbody>
</table>

#### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>32</td>
<td>31</td>
<td>96.9%</td>
<td>17</td>
</tr>
<tr>
<td>FF Groups</td>
<td>172</td>
<td>62</td>
<td>36.0%</td>
<td>155</td>
</tr>
</tbody>
</table>
# eAWB Airport Overview - August 2019

## Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3,060</td>
<td>2,659</td>
<td>1,903</td>
<td>756</td>
</tr>
</tbody>
</table>

## eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Region</th>
<th>eAWB penetration</th>
<th>Change (p.p.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Europe</td>
<td>71.6%</td>
<td>+0.9 p.p.</td>
</tr>
<tr>
<td>Germany</td>
<td>68.5%</td>
<td>+2.4 p.p.</td>
</tr>
<tr>
<td>Europe</td>
<td>59.4%</td>
<td>+3.7 p.p.</td>
</tr>
</tbody>
</table>

## Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KL - KLM</td>
<td>95.9%</td>
</tr>
<tr>
<td>2</td>
<td>AF - Air France</td>
<td>94.5%</td>
</tr>
<tr>
<td>3</td>
<td>LH - Lufthansa Cargo</td>
<td>82.5%</td>
</tr>
<tr>
<td>4</td>
<td>DL - Delta Air Lines</td>
<td>78.9%</td>
</tr>
<tr>
<td>5</td>
<td>QR - Qatar Airways</td>
<td>61.5%</td>
</tr>
<tr>
<td>6</td>
<td>SX - UPS Airlines</td>
<td>60.0%</td>
</tr>
<tr>
<td>7</td>
<td>BA - IAG - British Airways</td>
<td>60.0%</td>
</tr>
<tr>
<td>8</td>
<td>LX - SWISS</td>
<td>51.0%</td>
</tr>
<tr>
<td>9</td>
<td>AC - Air Canada</td>
<td>50.0%</td>
</tr>
<tr>
<td>10</td>
<td>EY - Etihad Airways</td>
<td>50.0%</td>
</tr>
</tbody>
</table>

## Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>98.4%</td>
</tr>
<tr>
<td>2</td>
<td>SCHENKERS</td>
<td>98.4%</td>
</tr>
<tr>
<td>3</td>
<td>IN TIME KURIERSYSTEME</td>
<td>92.6%</td>
</tr>
<tr>
<td>4</td>
<td>HEINRICH VON WIRTH</td>
<td>90.7%</td>
</tr>
<tr>
<td>5</td>
<td>FLYING WHEELS SPEDITION</td>
<td>89.6%</td>
</tr>
<tr>
<td>6</td>
<td>PANALPINA</td>
<td>87.9%</td>
</tr>
<tr>
<td>7</td>
<td>LOGWIN AIR + OCEAN INTL</td>
<td>85.5%</td>
</tr>
<tr>
<td>8</td>
<td>DACHSER</td>
<td>84.8%</td>
</tr>
<tr>
<td>9</td>
<td>RIECK SEA AIR CARGO</td>
<td>82.9%</td>
</tr>
<tr>
<td>10</td>
<td>AGILITY</td>
<td>81.1%</td>
</tr>
</tbody>
</table>

## MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed %</th>
<th>% Who Does eAWB</th>
<th>% Who</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>50</td>
<td>70.0%</td>
<td>16</td>
<td>32.0%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>91</td>
<td>60.4%</td>
<td>57</td>
<td>62.6%</td>
</tr>
</tbody>
</table>

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# eAWB Airport Overview - August 2019

## Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>(e)AWB</td>
<td>11,278</td>
<td>5,866</td>
<td>711</td>
<td>5,155</td>
</tr>
</tbody>
</table>

## eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Airport</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mariscal Sucre</td>
<td>12.1%</td>
<td>+0.6 p.p.</td>
</tr>
<tr>
<td>Ecuador</td>
<td>11.2%</td>
<td>+0.4 p.p.</td>
</tr>
<tr>
<td>The Americas</td>
<td>50.6%</td>
<td>-0.2 p.p.</td>
</tr>
</tbody>
</table>

## Airport eAWB penetration over past 12 months

![Graph showing eAWB penetration over past 12 months](image)

## Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DL - Delta Air Lines</td>
<td>99.1%</td>
</tr>
<tr>
<td>2</td>
<td>KL - KLM</td>
<td>48.1%</td>
</tr>
<tr>
<td>3</td>
<td>5X - UPS Airlines</td>
<td>8.8%</td>
</tr>
<tr>
<td>4</td>
<td>AA - American Airlines</td>
<td>6.9%</td>
</tr>
<tr>
<td>5</td>
<td>TK - THY - Turkish Airlines</td>
<td>0.7%</td>
</tr>
<tr>
<td>6</td>
<td>LA - LAN Airlines</td>
<td>0.7%</td>
</tr>
<tr>
<td>7</td>
<td>IB - IAG - IBERIA</td>
<td>0.5%</td>
</tr>
<tr>
<td>8</td>
<td>LH - Lufthansa Cargo</td>
<td>0.0%</td>
</tr>
<tr>
<td>9</td>
<td>LX - SWISS</td>
<td>0.0%</td>
</tr>
<tr>
<td>10</td>
<td>CX - Cathay Pacific</td>
<td>0.0%</td>
</tr>
</tbody>
</table>

## Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SISTEMAS AEREOS DE SADecom - COMERCIO</td>
<td>31.3%</td>
</tr>
<tr>
<td>2</td>
<td>ALIANZA LOGISTIKA TDGE</td>
<td>30.5%</td>
</tr>
<tr>
<td>3</td>
<td>SERVICIOS AEREOS ECUATORIANOS</td>
<td>29.7%</td>
</tr>
<tr>
<td>4</td>
<td>ECUADOR CARGO SYSTEMS</td>
<td>14.7%</td>
</tr>
<tr>
<td>5</td>
<td>OPERFLOR - OPERADORA FLORICOLA</td>
<td>13.0%</td>
</tr>
<tr>
<td>6</td>
<td>PANALPINA</td>
<td>12.9%</td>
</tr>
<tr>
<td>7</td>
<td>SIERRA CARGO</td>
<td>9.7%</td>
</tr>
<tr>
<td>8</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>3.1%</td>
</tr>
<tr>
<td>9</td>
<td>KUEHNE + NAGEL</td>
<td>3.1%</td>
</tr>
<tr>
<td>10</td>
<td>PACIFIC AIR CARGO</td>
<td>2.3%</td>
</tr>
</tbody>
</table>

## MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>28</td>
<td>23</td>
<td>82.1%</td>
<td>6</td>
<td>21.4%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>44</td>
<td>23</td>
<td>52.3%</td>
<td>15</td>
<td>34.1%</td>
</tr>
</tbody>
</table>
### eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>VIE - Vienna</td>
<td>VIE - Vienna</td>
<td>AT - Austria</td>
<td>Europe</td>
<td>MC99</td>
<td></td>
</tr>
</tbody>
</table>

#### Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>7,189</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>5,241</td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>3,142</td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>2,099</td>
</tr>
</tbody>
</table>

#### eAWB Penetration and Change vs Previous Month

<table>
<thead>
<tr>
<th>Region</th>
<th>eAWB Penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Europe</td>
<td>60.0%</td>
<td>+3.6 p.p.</td>
</tr>
<tr>
<td>Vienna</td>
<td>60.0%</td>
<td>+3.6 p.p.</td>
</tr>
<tr>
<td>Austria</td>
<td>63.0%</td>
<td>+2.8 p.p.</td>
</tr>
<tr>
<td>Europe</td>
<td>59.4%</td>
<td>+3.7 p.p.</td>
</tr>
</tbody>
</table>

#### Airport eAWB Penetration over Past 12 Months

#### Top Airlines by eAWB Penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AF - Air France</td>
<td>97.7%</td>
</tr>
<tr>
<td>2</td>
<td>KL - KLM</td>
<td>95.0%</td>
</tr>
<tr>
<td>3</td>
<td>DL - Delta Air Lines</td>
<td>93.5%</td>
</tr>
<tr>
<td>4</td>
<td>KE - Korean Air</td>
<td>82.1%</td>
</tr>
<tr>
<td>5</td>
<td>LH - Lufthansa Cargo</td>
<td>79.4%</td>
</tr>
<tr>
<td>6</td>
<td>QR - Qatar Airways</td>
<td>78.1%</td>
</tr>
<tr>
<td>7</td>
<td>IB - IAG - IBERIA</td>
<td>61.1%</td>
</tr>
<tr>
<td>8</td>
<td>TK - THY - Turkish Airlines</td>
<td>52.0%</td>
</tr>
<tr>
<td>9</td>
<td>LX - SWISS</td>
<td>49.7%</td>
</tr>
<tr>
<td>10</td>
<td>5X - UPS Airlines</td>
<td>36.0%</td>
</tr>
</tbody>
</table>

#### Top FF Groups by eAWB Penetration (from Top 20 by Volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DER KURIER HETO TRSPT UND LOGISTIK</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>WORLD COURIER</td>
<td>92.7%</td>
</tr>
<tr>
<td>3</td>
<td>HELLMANN WORLDWIDE LOGISTICS</td>
<td>91.1%</td>
</tr>
<tr>
<td>4</td>
<td>DSV AIR &amp; SEA</td>
<td>85.2%</td>
</tr>
<tr>
<td>5</td>
<td>EXPEDITORS GROUP</td>
<td>82.9%</td>
</tr>
<tr>
<td>6</td>
<td>JAS FORWARDING</td>
<td>79.6%</td>
</tr>
<tr>
<td>7</td>
<td>AGILITY</td>
<td>77.9%</td>
</tr>
<tr>
<td>8</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>76.5%</td>
</tr>
<tr>
<td>9</td>
<td>VAC SPEDITIONS</td>
<td>76.2%</td>
</tr>
<tr>
<td>10</td>
<td>SCHENKER</td>
<td>71.3%</td>
</tr>
</tbody>
</table>

#### MeA and eAWB Status at Airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>51</td>
<td>38</td>
<td>74.5%</td>
<td>19</td>
<td>37.3%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>67</td>
<td>36</td>
<td>53.7%</td>
<td>38</td>
<td>56.7%</td>
</tr>
</tbody>
</table>
## eAWB Airport Overview - August 2019

### Volume

<table>
<thead>
<tr>
<th>Volume</th>
<th>(e)AWB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>3,943</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>1,948</td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>586</td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>1,362</td>
</tr>
</tbody>
</table>

### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Region</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Europe</td>
<td>38.4%</td>
<td>+2.4 p.p.</td>
</tr>
<tr>
<td>Poland</td>
<td>30.1%</td>
<td>+5.0 p.p.</td>
</tr>
<tr>
<td>Frederic Chopin</td>
<td>59.4%</td>
<td>+3.7 p.p.</td>
</tr>
</tbody>
</table>

### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KE - Korean Air</td>
<td>76.7%</td>
</tr>
<tr>
<td>2</td>
<td>KL - KLM</td>
<td>64.1%</td>
</tr>
<tr>
<td>3</td>
<td>AF - Air France</td>
<td>62.5%</td>
</tr>
<tr>
<td>4</td>
<td>DL - Delta Air Lines</td>
<td>46.5%</td>
</tr>
<tr>
<td>5</td>
<td>LH - Lufthansa Cargo</td>
<td>45.7%</td>
</tr>
<tr>
<td>6</td>
<td>BA - IAG - British Airways</td>
<td>40.1%</td>
</tr>
<tr>
<td>7</td>
<td>CX - Cathay Pacific</td>
<td>37.5%</td>
</tr>
<tr>
<td>8</td>
<td>QR - Qatar Airways</td>
<td>25.5%</td>
</tr>
<tr>
<td>9</td>
<td>TK - THY - Turkish Airlines</td>
<td>21.7%</td>
</tr>
<tr>
<td>10</td>
<td>LX - SWISS</td>
<td>11.2%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>95.9%</td>
</tr>
<tr>
<td>2</td>
<td>SCHENKER</td>
<td>90.4%</td>
</tr>
<tr>
<td>3</td>
<td>PANALPINA</td>
<td>88.2%</td>
</tr>
<tr>
<td>4</td>
<td>HELLMANN WORLDWIDE LOGISTICS</td>
<td>74.4%</td>
</tr>
<tr>
<td>5</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>73.1%</td>
</tr>
<tr>
<td>6</td>
<td>DSV AIR &amp; SEA</td>
<td>71.4%</td>
</tr>
<tr>
<td>7</td>
<td>KUEHNE + NAGEL</td>
<td>71.1%</td>
</tr>
<tr>
<td>8</td>
<td>ROHLIG</td>
<td>67.3%</td>
</tr>
<tr>
<td>9</td>
<td>CARGO PARTNER</td>
<td>40.0%</td>
</tr>
<tr>
<td>10</td>
<td>GEODIS</td>
<td>30.4%</td>
</tr>
</tbody>
</table>

### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA %</th>
<th>Does eAWB %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>28</td>
<td>25</td>
<td>89.3%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>96</td>
<td>59</td>
<td>61.5%</td>
</tr>
</tbody>
</table>
### eAWB Airport Overview - August 2019

#### Volume

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>YUL - Pierre Elliott Trudeau</td>
<td>YMQ - Montreal</td>
<td>CA - Canada</td>
<td>The Americas</td>
<td>Both</td>
<td>Yes</td>
</tr>
</tbody>
</table>

#### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Volume</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>53.5%</td>
<td>+3.2 p.p.</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>51.6%</td>
<td>+2.3 p.p.</td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>50.6%</td>
<td>-0.2 p.p.</td>
</tr>
<tr>
<td>eAWB Potential</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Airport eAWB penetration over past 12 months

<table>
<thead>
<tr>
<th>Top Airlines by eAWB penetration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rank</td>
</tr>
<tr>
<td>------</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>5</td>
</tr>
<tr>
<td>6</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
<tr>
<td>10</td>
</tr>
</tbody>
</table>

#### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>87.2%</td>
</tr>
<tr>
<td>2</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>78.5%</td>
</tr>
<tr>
<td>3</td>
<td>PANALPINA</td>
<td>75.2%</td>
</tr>
<tr>
<td>4</td>
<td>HELLMANN WORLDWIDE LOGISTICS</td>
<td>73.0%</td>
</tr>
<tr>
<td>5</td>
<td>EXPEDITORS GROUP</td>
<td>72.6%</td>
</tr>
<tr>
<td>6</td>
<td>BOLLORE</td>
<td>70.5%</td>
</tr>
<tr>
<td>7</td>
<td>LIVINGSTON INTL</td>
<td>69.7%</td>
</tr>
<tr>
<td>8</td>
<td>DELMAR INTL</td>
<td>68.7%</td>
</tr>
<tr>
<td>9</td>
<td>CEVA GROUP</td>
<td>67.7%</td>
</tr>
<tr>
<td>10</td>
<td>PRESTIGE CARGO SERVICES</td>
<td>66.7%</td>
</tr>
</tbody>
</table>

#### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Airlines</th>
<th>Count</th>
<th>Signed</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>44</td>
<td>32</td>
<td>72.7%</td>
<td>15</td>
<td>34.1%</td>
</tr>
<tr>
<td></td>
<td>FF Groups</td>
<td>163</td>
<td>120</td>
<td>73.6%</td>
<td>105</td>
<td>64.4%</td>
</tr>
</tbody>
</table>
### eAWB Airport Overview - August 2019

#### Volume
<table>
<thead>
<tr>
<th>(e)AWB</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>5,743</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>4,698</td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>2,459</td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>2,239</td>
</tr>
</tbody>
</table>

#### eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Region</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vancouver Int'l</td>
<td>52.3%</td>
<td>+0.9 p.p.</td>
</tr>
<tr>
<td>Canada</td>
<td>51.6%</td>
<td>+2.3 p.p.</td>
</tr>
<tr>
<td>The Americas</td>
<td>50.6%</td>
<td>-0.2 p.p.</td>
</tr>
</tbody>
</table>

#### Airport eAWB penetration over past 12 months

- Aug '18: 52.3%
- Sep '18: 51.6%
- Oct '18: 50.4%
- Nov '18: 42%
- Dec '18: 44%
- Jan '19: 46%
- Feb '19: 48%
- Mar '19: 50%
- Apr '19: 52%
- May '19: 54%
- Jun '19: 56%
- Jul '19: 58%
- Aug '19: 60%

### Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AF - Air France</td>
<td>82.4%</td>
</tr>
<tr>
<td>2</td>
<td>CX - Cathay Pacific</td>
<td>80.7%</td>
</tr>
<tr>
<td>3</td>
<td>KL - KLM</td>
<td>75.2%</td>
</tr>
<tr>
<td>4</td>
<td>LH - Lufthansa Cargo</td>
<td>74.7%</td>
</tr>
<tr>
<td>5</td>
<td>BR - EVA Air</td>
<td>69.2%</td>
</tr>
<tr>
<td>6</td>
<td>QR - Qatar Airways</td>
<td>66.7%</td>
</tr>
<tr>
<td>7</td>
<td>AC - Air Canada</td>
<td>59.9%</td>
</tr>
<tr>
<td>8</td>
<td>AA - American Airlines</td>
<td>57.7%</td>
</tr>
<tr>
<td>9</td>
<td>CA - Air China</td>
<td>48.4%</td>
</tr>
<tr>
<td>10</td>
<td>TK - THY - Turkish Airlines</td>
<td>40.0%</td>
</tr>
</tbody>
</table>

### Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SCHENKER</td>
<td>87.7%</td>
</tr>
<tr>
<td>2</td>
<td>PANALPINA</td>
<td>86.2%</td>
</tr>
<tr>
<td>3</td>
<td>LOCHER EVERS INTL</td>
<td>85.7%</td>
</tr>
<tr>
<td>4</td>
<td>GEODIS</td>
<td>85.7%</td>
</tr>
<tr>
<td>5</td>
<td>INTL FASTLINE FORWARDING</td>
<td>83.0%</td>
</tr>
<tr>
<td>6</td>
<td>AGILITY</td>
<td>76.4%</td>
</tr>
<tr>
<td>7</td>
<td>KWE - KINTETSU WORLD EXPRESS</td>
<td>68.3%</td>
</tr>
<tr>
<td>8</td>
<td>SOLEX LOGISTICS CANADA</td>
<td>67.6%</td>
</tr>
<tr>
<td>9</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>67.3%</td>
</tr>
<tr>
<td>10</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>58.5%</td>
</tr>
</tbody>
</table>

### MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>% Does eAWB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>35</td>
<td>28</td>
<td>80.0%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>145</td>
<td>103</td>
<td>71.0%</td>
</tr>
</tbody>
</table>
# eAWB Airport Overview - August 2019

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>YYZ - Pearson International</td>
<td>YTO - Toronto</td>
<td>CA - Canada</td>
<td>The Americas</td>
<td>Both</td>
<td>Yes</td>
</tr>
</tbody>
</table>

## Volume

<table>
<thead>
<tr>
<th></th>
<th>(e)AWB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total AWB</td>
<td>12,511</td>
</tr>
<tr>
<td>eAWB Network</td>
<td>9,966</td>
</tr>
<tr>
<td>eAWB Actual</td>
<td>5,266</td>
</tr>
<tr>
<td>eAWB Potential</td>
<td>4,700</td>
</tr>
</tbody>
</table>

## eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th></th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pearson International</td>
<td>52.8%</td>
<td>+2.1 p.p.</td>
</tr>
<tr>
<td>Canada</td>
<td>51.6%</td>
<td>+2.3 p.p.</td>
</tr>
<tr>
<td>The Americas</td>
<td>50.6%</td>
<td>-0.2 p.p.</td>
</tr>
</tbody>
</table>

## Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>LH - Lufthansa Cargo</td>
<td>85.5%</td>
</tr>
<tr>
<td>2</td>
<td>AF - Air France</td>
<td>81.9%</td>
</tr>
<tr>
<td>3</td>
<td>CX - Cathay Pacific</td>
<td>76.0%</td>
</tr>
<tr>
<td>4</td>
<td>KL - KLM</td>
<td>69.7%</td>
</tr>
<tr>
<td>5</td>
<td>AA - American Airlines</td>
<td>67.9%</td>
</tr>
<tr>
<td>6</td>
<td>AC - Air Canada</td>
<td>54.3%</td>
</tr>
<tr>
<td>7</td>
<td>LX - SWISS</td>
<td>52.5%</td>
</tr>
<tr>
<td>8</td>
<td>TK - THY - Turkish Airlines</td>
<td>47.9%</td>
</tr>
<tr>
<td>9</td>
<td>BR - EVA Air</td>
<td>47.8%</td>
</tr>
<tr>
<td>10</td>
<td>CA - Air China</td>
<td>42.9%</td>
</tr>
</tbody>
</table>

## Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>L SIMARD TRANSPORT</td>
<td>100.0%</td>
</tr>
<tr>
<td>2</td>
<td>DGF - DHL GLOBAL FORWARDING</td>
<td>79.0%</td>
</tr>
<tr>
<td>3</td>
<td>SCHENKER</td>
<td>77.4%</td>
</tr>
<tr>
<td>4</td>
<td>BOLLORE</td>
<td>75.5%</td>
</tr>
<tr>
<td>5</td>
<td>EXPEDITORS GROUP</td>
<td>72.0%</td>
</tr>
<tr>
<td>6</td>
<td>PANALPINA</td>
<td>71.7%</td>
</tr>
<tr>
<td>7</td>
<td>AGILITY</td>
<td>67.6%</td>
</tr>
<tr>
<td>8</td>
<td>INTEGRAL TRANSPORTATION NETWORKS</td>
<td>66.1%</td>
</tr>
<tr>
<td>9</td>
<td>MALTCOURT</td>
<td>64.3%</td>
</tr>
<tr>
<td>10</td>
<td>UPS - UNITED PARCEL SERVICE</td>
<td>63.8%</td>
</tr>
</tbody>
</table>

## MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA</th>
<th>%</th>
<th>Does eAWB</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airlines</td>
<td>53</td>
<td>35</td>
<td>66.0%</td>
<td>14</td>
<td>26.4%</td>
</tr>
<tr>
<td>FF Groups</td>
<td>216</td>
<td>143</td>
<td>66.2%</td>
<td>134</td>
<td>62.0%</td>
</tr>
</tbody>
</table>
# eAWB Airport Overview - August 2019

## Airports

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>CITY</th>
<th>COUNTRY</th>
<th>REGION</th>
<th>MP4 / MC99</th>
<th>SOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZRH - Kloten</td>
<td>ZRH - Zurich</td>
<td>CH - Switzerland</td>
<td>Europe</td>
<td>Both</td>
<td>Yes</td>
</tr>
</tbody>
</table>

## Volume

<table>
<thead>
<tr>
<th>(e)AWB</th>
<th>Total AWB</th>
<th>eAWB Network</th>
<th>eAWB Actual</th>
<th>eAWB Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>16,789</td>
<td>11,669</td>
<td>6,806</td>
<td>4,863</td>
</tr>
</tbody>
</table>

## eAWB penetration and change vs previous month

<table>
<thead>
<tr>
<th>Region</th>
<th>eAWB penetration %</th>
<th>Change p.p.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kloten</td>
<td>58.3%</td>
<td>+7.4 p.p.</td>
</tr>
<tr>
<td>Switzerland</td>
<td>65.1%</td>
<td>+6.6 p.p.</td>
</tr>
<tr>
<td>Europe</td>
<td>59.4%</td>
<td>+3.7 p.p.</td>
</tr>
</tbody>
</table>

## Airport eAWB penetration over past 12 months

![Graph showing airport eAWB penetration over past 12 months]

## Top Airlines by eAWB penetration

<table>
<thead>
<tr>
<th>Rank</th>
<th>Airline</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>KE - Korean Air</td>
<td>83.4%</td>
</tr>
<tr>
<td>2</td>
<td>KL - KLM</td>
<td>79.1%</td>
</tr>
<tr>
<td>3</td>
<td>AF - Air France</td>
<td>77.0%</td>
</tr>
<tr>
<td>4</td>
<td>AC - Air Canada</td>
<td>75.4%</td>
</tr>
<tr>
<td>5</td>
<td>CX - Cathay Pacific</td>
<td>74.7%</td>
</tr>
<tr>
<td>6</td>
<td>DL - Delta Air Lines</td>
<td>70.8%</td>
</tr>
<tr>
<td>7</td>
<td>SQ - Singapore Airlines</td>
<td>67.5%</td>
</tr>
<tr>
<td>8</td>
<td>AA - American Airlines</td>
<td>65.4%</td>
</tr>
<tr>
<td>9</td>
<td>QR - Qatar Airways</td>
<td>65.0%</td>
</tr>
<tr>
<td>10</td>
<td>TK - THY - Turkish Airlines</td>
<td>58.1%</td>
</tr>
</tbody>
</table>

## Top FF Groups by eAWB penetration (from top 20 by volume)

<table>
<thead>
<tr>
<th>Rank</th>
<th>FF Group</th>
<th>eAWB Penetration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>RHENUS AIR</td>
<td>96.4%</td>
</tr>
<tr>
<td>2</td>
<td>GERHARD WEGMUELLER</td>
<td>96.0%</td>
</tr>
<tr>
<td>3</td>
<td>ATM GLOBAL LOGS</td>
<td>90.8%</td>
</tr>
<tr>
<td>4</td>
<td>PANALPINA</td>
<td>89.8%</td>
</tr>
<tr>
<td>5</td>
<td>DACHSER</td>
<td>86.2%</td>
</tr>
<tr>
<td>6</td>
<td>AGILITY</td>
<td>85.6%</td>
</tr>
<tr>
<td>7</td>
<td>GENERAL TRANSPORT</td>
<td>80.6%</td>
</tr>
<tr>
<td>8</td>
<td>SCHENKER</td>
<td>80.3%</td>
</tr>
<tr>
<td>9</td>
<td>KWE - KINETSU WORLD EXPRESS</td>
<td>79.5%</td>
</tr>
<tr>
<td>10</td>
<td>SCHNEIDER &amp; CO</td>
<td>77.7%</td>
</tr>
</tbody>
</table>

## MeA and eAWB status at airport

<table>
<thead>
<tr>
<th>Who</th>
<th>Count</th>
<th>Signed MeA %</th>
<th>% Does eAWB</th>
<th>Airlines</th>
<th>Count</th>
<th>68.3%</th>
<th>16</th>
<th>26.7%</th>
</tr>
</thead>
<tbody>
<tr>
<td>FF Groups</td>
<td>104</td>
<td>54</td>
<td>51.9%</td>
<td>64</td>
<td>61.5%</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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