

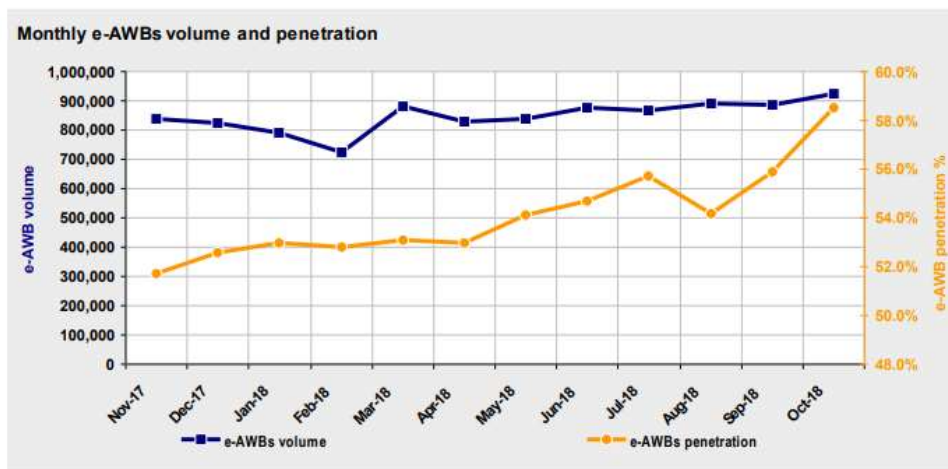
Digital Cargo

Henk Mulder
Head, Digital Cargo

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e-AWB penetration



e-AWB reaching its goal

e-AWB international monthly report October 2018

Top-10 countries of origin (ranking by e-AWB volume)

Rank (previous)	Country	e-AWB penetration (previous)	e-AWB penetration (current)
1 (1)	CN - People's Republic of China	60.6%	63.6%
2 (2)	US - United States of America	49.8%	51.2%
3 (3)	HK - Hong Kong (SAR), China	68.6%	70.1%
4 (4)	DE - Germany	51.1%	54.7%
5 (5)	KR - Korea (South)	52.7%	68.4%
6 (6)	SG - Singapore	73.3%	78.9%
7 (7)	IN - India	61.1%	62.1%
8 (8)	TW - Chinese Taipei	71.4%	73.6%
9 (9)	NL - Netherlands	62.1%	65.5%
10 (11)	JP - Japan	32.4%	35.2%

Top-10 airports of origin (ranking by e-AWB volume)

Rank (previous)	Airport	e-AWB penetration (previous)	e-AWB penetration (current)
1 (2)	HKG - Hong Kong Intl, Hong Kong, HK	68.6%	70.1%
2 (1)	PVG - Pudong, Shanghai, CN	60.0%	64.0%
3 (3)	SIN - Changi, Singapore, SG	73.3%	78.9%
4 (4)	ICN - Incheon International, Seoul, KR	54.6%	69.8%
5 (5)	FRA - Frankfurt Intl, Frankfurt, DE	49.5%	52.8%
6 (7)	AMS - Schiphol Airport, Amsterdam, NL	61.4%	65.0%
7 (6)	TPE - Taoyuan, Taipei, TW	69.2%	71.6%
8 (8)	DXB - Dubai, Dubai, AE	90.1%	91.5%
9 (11)	LHR - Heathrow, London, GB	37.7%	39.6%
10 (9)	ORD - O'Hare International, Chicago, US	48.4%	49.8%

Top-10 airlines (ranking by e-AWB volume)

Rank (previous)	Airline	e-AWB penetration (previous)	e-AWB penetration (current)
1 (1)	CXG - Cathay Pacific Group	87.8%	87.3%
2 (2)	AKG - Air France - KLM Group	73.3%	73.4%
3 (3)	LH - Lufthansa Cargo	67.4%	69.2%
4 (4)	QR - Qatar Airways	83.7%	84.4%
5 (5)	SQ - Singapore Airlines	83.4%	82.4%
6 (6)	KE - Korean Air	66.0%	65.9%
7 (7)	EK - Emirates	40.0%	40.5%
8 (8)	CI - China Airlines	71.0%	70.7%
9 (9)	AA - American Airlines	69.5%	70.2%
10 (10)	DL - Delta Air Lines	73.3%	73.0%

Top-10 freight forwarders (ranking by e-AWB volume)

Rank (previous)	Freight forwarder	e-AWB penetration (previous)	e-AWB penetration (current)
1 (1)	DFG - DHL GLOBAL FORWARDING	65.5%	67.5%
2 (2)	SCHENKER	71.2%	74.7%
3 (3)	KUEHNE + NAGEL	50.3%	52.0%
4 (4)	EXPEDITORS GROUP	70.5%	75.7%
5 (5)	PANALPINA	66.0%	68.9%
6 (6)	DSV AIR & SEA	63.0%	64.4%
7 (9)	NIPPON EXPRESS	49.3%	55.3%
8 (8)	BOLLORE	61.2%	65.3%
9 (7)	UPS - UNITED PARCEL SERVICE	63.1%	67.7%
10 (11)	KINTETSU	51.2%	56.1%

As off 1 January 2019:

e-AWB is the default medium.

Paper AWB only to be used where e-AWB is not possible



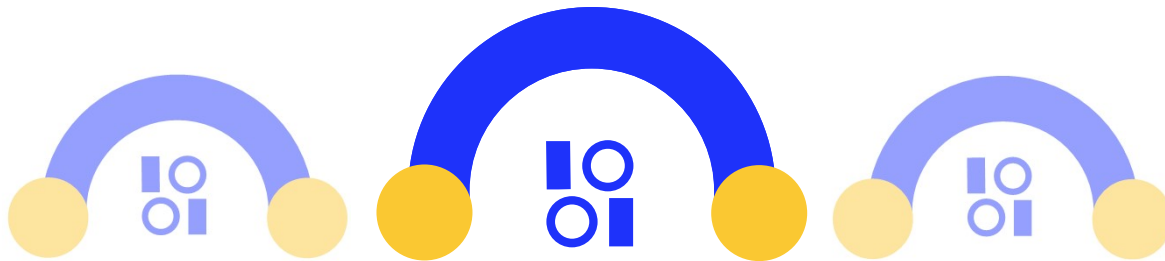
e-DGD

Now live!

Cargo Connect

global e-freight connectivity

EDI: sequential data communication



It's time to move on:

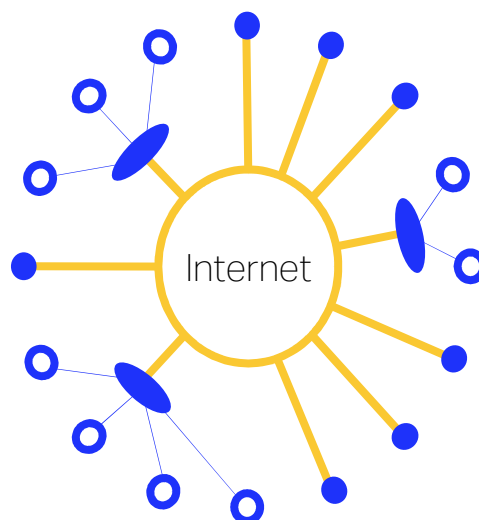
the world is a massive data network, not a chain of mainframes.



What is ONE Record?

Direct data communication between air cargo partners.

Creating an internet of logistics



-  Company *without* its own ONE Record host
-  Company *with* its own ONE Record host
-  Shared ONE Record host



ONE Record, simply data

Every resource is a URL

A data model for machines

Simple web access

Managed trust and security



ONE Record benefits

End-to-end
Quality
Not just documents
Exponential
IT choices
Value-add

shipper to consignee
data at source
any data
network effect
in- or outsourcing
transparency



Status and planning



Develop ONE Record Standard

- Data schema's
- Web API's
- Security

Testing

- Analysis
- Test system
- Hackathon

Deployment

- Pilot projects
- Expansion

2018

2019



AIR & Cargo Hackathon Geneva 2018 - IATA Cargo



ONE Record Hackathon



2:13 / 2:47

