



World Cargo Symposium 2012

Technology and Innovation Track

Will technology make cargo seamless and secure?

Wednesday – 14 March 2012



08:30 – 10:00

Chairman's opening remarks

Matt Preiss, Regional Customer Service Manager - Africa, MESA & Asia-Pacific, British Airways World Cargo

Part of the
T&T and ULD
Tracks

Welcome address

Oliver Evans, Chief Cargo Officer, Swiss International Airlines Ltd

What improvements and potential benefits are shippers expecting to derive from advances in Technology related to air cargo?

Meeting shipper expectations should be the goal of all service providers related to the air transport industry, but just how do they expect that Technology and Innovation will transform the cargo supply chain? What are their views as to what the air cargo supply chain will have to provide them with in order to meet their future service requirements?

Keynote speakers:

Karl-Heinz Schaluck, Global Category Lead Warehouse & Transport, Novartis Pharma AG

Chris Welsh, Secretary-General, Global Shippers' Forum

ULDs: will there be another revolution?

Forty years on from the introduction of containerized aircraft and ULDs, what are the latest developments of technology and innovation applying to ULDs? The panel will showcase the benefits of some specialized ULDs and accessories such as temperature-controlled, collapsible, and lightweight containers, fire containment cover, and RFID technology for automatic identification of ULDs. The panel will interact with the audience to exchange innovative ideas about what else would be expected from the next generation ULDs.

Moderator:

Urs Wiesendanger, Manager, Cargo Network Control - ULD Logistics, Air Canada

Panelists:

Chris Wren, AmSafe

James Everett, Director, MRO network, CHEP Aerospace Solutions

Nicolas Martin, Director QA & R/D, Envirotainer

Ulf Hartmann, Technical Director, Driessen Air Cargo Equipment

10:00 – 11:00 Networking coffee break

11:00 – 12:30 Security: are appropriate screening methods for all types of shipments readily available?

Part of the Security, Mail and ULD Tracks

The safety and security of the air transport supply chain is the top priority of our industry. Screening remains one of the key tools in accomplishing this. What new developments in equipment and techniques are at the forefront in terms of enhancing the overall effectiveness of the screening process? What new equipment and techniques are available for different types of shipments? How can we ensure the needed degree of security through screening, while still allowing a smooth operational process for the large volumes of freight that need to be transported?

Moderator:

Howard Stone, Director Aviation Security, UPS

Participants:

Radoslaw Olszewski, Policy Officer Counter Terrorism, EC, DG Home
Michael van der Velde, Manager Security Policy, Qantas Airways
Darryl Keith Jones, Vice President, Product Management, Morpho Detection Inc.

Technology and Innovation at shipment level: dream or reality?

Efficient cargo and mail operations require that modern IT tools and devices are also used at shipment level. The use of technologies such as RFID, GPS, NFC devices and other hand held equipment will be presented in this session.

- **Item level shipment tracking using GPS and RFID technologies**
Milind Tavshikar, CEO, QID Technologies,
- **Monitoring of shipment conditions with advanced technology**
Nikki Cuban, Vice President of Sales and Marketing, OnAsset Intelligence, Inc.
- **Mobile technologies at shipment level at Air Canada**
Paul McLean, Manager, IT Cargo, Air Canada

12:30 – 14:00 Networking lunch

14:00 – 15:30 Cargo e-Business Solutions: present today's realities and the XML vision for tomorrow

Part of the e-Cargo Track

What solutions are available today for e-freight and cargo quality management? How will the XML vision for cargo enhance these important programs and could these same benefits be applied in other areas such as mail and courier environments.

- **Review of IT solutions for e-freight: what exists today and what are the gaps**
Jean-Michel Kaliszewski, Cargo e-Business Technology Manager, IATA

- **The XML vision for Cargo: lessons from a case study**
Paul McLean, It project Manager, Air Canada
- **Quality Optimization as a basis for e-freight**
Felix Keck, Managing Director, TRAXON Europe
- **Quality Management: Process Control in a Paperless World**
Kester Meijer, Director Operational Integrity, Division Safety & Quality Manager (DSQM), KLM Cargo

E-Business: creating the needed environment for a more harmonious implementation of e-solutions. What are the necessary next steps?

A panel of experts will debate on the following topics:

- Can data components for Quality Management, e-freight, Security, e-Cargo be integrated in a unified process?
- What are the solutions for improving data quality?
- What improvements will XML standards bring?

Moderator:

Guillaume Drucy, Head of Cargo e-Business, IATA

Panelists:

Angel Luis Cabeza Rivas, Senior Vice President Cargo e-Business & Platform, International Airlines Group

Felix Keck, Managing Director, TRAXON Europe

Kester Meijer, Director Operational Integrity, Division Safety & Quality Manager (DSQM), KLM Cargo

Alan Wright, Vice President, Global Operations, Swissport International Ltd

15:30 – 16:30 Networking coffee break

16:30 – 18:00 Implementing new technology in the warehouse: what can we learn from actual projects?

Part of the e-Cargo Track

The warehouse is the place where physical flows of goods and information flows need to efficiently interact to allow fast and smooth freight operations. How can this happen in a paperless world? A number of case studies and actual implementations will be presented. With a focus on state of the art IT and the innovative use of smart / handheld devices, presenters will share their views and experiences on how to ensure efficient cargo operations in a paperless warehouse environment.

- **What new technology can be implemented in a warehouse and what are the benefits for airfreight operations: the experience of Cathay Pacific**
Albert Lo, Commercial Manager, Cathay Pacific Services Ltd
- **Going paperless for the airfreight acceptance process with smartcard technology: the experience at Cargonaut**
Marcel Hoiting, Business Development Manager, Cargonaut
- **The MRD device: how the magic of information sharing can work for mail processing**

Jürgen Van Mook, Manager Operations Planning , International Post Corporation

Eric Pouille, Product Manager Airmail, Air France Cargo-KLM Cargo

➤ **How can airfreight operations in the warehouse benefit from IT technology?**

Professor Yoon Chang, School of Air Transport, Transportation & Logistics, Korea Aerospace University

Closing panel – Priorities for airfreight: what have we learned today?

To round off a day where we have seen numerous examples of how new technologies can be put to effective use within the supply chain; it's now time to set some priorities.

The chairman will wrap-up this Technology and Innovation track and summarize findings and conclusions, focusing in particular on:

- Which process areas need specific attention to ensure secure, efficient and cost competitive service delivery?
- Is there a need for more standards and where?
- What are the key issues to be addressed to use the technology more efficiently?

Moderator:

Matt Preiss, Regional Customer Service Manager - Africa, MESA & Asia-Pacific, British Airways World Cargo

Panelists:

Nicklas Schlingensiepen, Head of Airfreight Operations & Compliance, Asia Pacific, DHL Global Forwarding

Alan Wright, Swissport

Howard Stone, Director Aviation Security, UPS

Michael Morey, Director Marketing and Business Development, Air Canada

Chairman's closing remarks

Matt Preiss, Regional Customer Service Manager - Africa, MESA & Asia-Pacific, British Airways World Cargo