



# Digital Cargo Webinars 2021

22 June – 13 July

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Executive session	22 June
Digital Cargo	24 June
Interactive Cargo	29 June
Pilots & Hackathon	1 July
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EU FEDerATED Project	8 July
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Please refer to <https://www.iata.org/en/events/e-cargo/> for access details

## WEBINAR AGENDA

<https://www.iata.org/en/events/e-cargo/>



## EXECUTIVE SESSION

Tuesday, 22 June

**14:00**     **Welcome and introduction**

In this episode we are delighted to welcome distinguished keynote speakers who each has a leading and transformative role in the digitalization of air cargo.

[Henk Mulder, Head Digital Cargo, IATA](#)

**14:05**     **Dorothea von Boxberg,**

Chief Executive Officer, Lufthansa Cargo

**14:30**     **Lionel van der Walt,**

Global Chief Commercial Officer (CCO) at PayCargo

**14:50**     **Christian Riege**

Director Software Development at Riege Software International

**15:10**     **Q&A session**

## DIGITAL CARGO

Thursday, 24 June

**14:00**    **Welcome and introduction**

The digital cargo concept refers to standards and building blocks enabling the air cargo stakeholders to fully embrace their digital transformation journey. To support this adoption, the IATA Digital Cargo Working Group has been created in 2021 to gather communities of experts around the new data sharing standard ONE Record but also the legacy standards under the e-freight umbrella. Also stay tuned to discover two new initiatives helping to measure the progress of this digital transformation journey: we will also introduce the Air Cargo Digital Maturity Index, annual survey to capture the state of digitalization of the industry.

[David Sauv, Manager Digital Cargo, IATA](#)

**14:10**    **The importance of defining and adopting industry standards for Air Cargo**

Matthias Hurst, Chairman of the Digital Cargo Working Group, will share his vision on the importance of defining and adopting standards for our industry. He will highlight the values and benefits of standards for digitalizing the air cargo industry but also the challenges to define such standards.

[Matthias Hurst, Director Global Airfreight Initiatives, Agility](#)

**14:30**    **Fueling Next-Gen Air Freight with Data**

Fact: According to GE, each of its aircraft engines produces around one terabyte of data per flight. Imagine the amount of data that goes into an airline data store from just a single flight – commercial and operational data sets that offer huge benefits to the entire airline enterprise. In fact the airline industry thrives on data – both for improved safety and outstanding customer service. Data is equally paramount for fuelling profitable air freight. So how does the air cargo industry leverage data to demand equal attention from airline leaders? In his keynote, Ashok Rajan, SVP & Head of Cargo at IBS Software, a leading SaaS solution provider to the global travel industry, will establish that it is data that will fundamentally enable and empower air cargo businesses to innovate continuously, or without it, perish fast.

[Ashok Rajan, SVP & Head of Cargo, IBS Software](#)

**14:50**    **Panel discussion: Defining and adopting industry standards, what opportunities for Air Cargo?**

This panel discussion will look at the opportunities for the Air Cargo to define and adopt industry standards. Airline, Freight Forwarder, GHA and IT provider representatives will share their views.

[Moderated by Matthias Hurst, Director Global Airfreight Initiatives, Agility and Klaas Kurz System Integration Carrier, Connectivity Manager, DB Schenker.](#)

[Panelist: Judith Diepenmaat, PM Paperless / Product owner eDoc, Air France KLM; Alessandro Rivolta, Project Manager, Alha Group; Ashok Rajan, SVP & Head of Cargo, IBS Software.](#)

**15:10**    **Q&A session**

The speakers address questions from the webinar audience.



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## INTERACTIVE CARGO

Tuesday, 29 June

- 14:00**     **The IATA Interactive Cargo project achievements and next steps**  
IATA's vision is to equip the air cargo supply chain with responsive air cargo services based on intelligent systems able to self-monitor, send real-time alerts, respond to deviation to meet customers' expectations, and report on the cargo journey to allow data-driven improvements. The goal of the Interactive Cargo project is to provide stakeholders in the air cargo supply chain with a set of standards and guidance documents to enable and ease the use of connected devices for interaction with cargo.  
This presentation will give an overview of the Interactive Cargo project's achievements: (1) The recommended practice on IoT device data sharing in air cargo, (2) the recommended practice on the approval of the use of portable electronic devices onboard aircraft for air cargo, and (3) the amendment to the conditions of carriage for cargo.  
[Sonia Ben Hamida, Project Manager Interactive Cargo, IATA](#)  
[Carlos Tornero, Deputy General Counsel, IATA](#)
- 14:30**     **Safely and efficiently approving the use of cargo tracking devices**  
The presentation will share the progress of the pilot project "Approval of the use of Portable Electronic Devices (PEDs) approval for air cargo". The goals of this pilot are to adopt the IATA recommended practice and checklists for the approval of Portable Electronic Devices (PEDs) onboard aircraft for air cargo in order to standardize information required for approval and decrease the total duration required for carriers to complete an approval request.  
[Jeff Clark, Founder & CEO, 7PSolutions, LLC](#)
- 14:45**     **Sharing IoT device data in air cargo with ONE Record: Outcomes and lessons learnt**  
The presentation will share the progress of the pilot project "Visibility, Tracking and Alerts at the Piece Level". The goals of this pilot are to demonstrate autonomous delivery of in-shipment status messaging and sensor-based alerts, mirror Cargo iQ milestones in cargo facilities, and track ULDs integrated with tracking devices.  
[Tomal Sohoral, Manager, Cargo Solutions Strategy and Business Development, Air Canada Cargo](#)
- 15:00**     **The handling of interactive cargo: Main challenges and potential solutions**  
The use of smart tracking devices presents shippers and cargo owners with the ability to monitor not just the whereabouts of air cargo shipments but also their physical condition and their immediate environment. But these are sophisticated devices, often powered by lithium batteries with some models capable of interacting with local devices and transmitting data in-flight. Shippers respect and appreciate the need for clear rules for the use of these devices yet they sit in a hybrid regulatory environment - part-dangerous goods, part-perishable load, part-radio communications device and part-data logger able to interact with third party systems. So, there is a data privacy and protection issue too.  
The Global Shippers' Forum (GSF) has been supporting and encouraging the air cargo community in its development of processes and procedures for the handling and acceptance of these devices and this presentation will set out the shippers' perspectives and expectations of procedures that will make the use of these devices as seamless and trouble-free as possible.  
[James Hookham, Secretary General, Global Shippers' Forum](#)
- 15:15**     **Networking session**  
Webinar participants are invited to join a virtual space to meet the Interactive Cargo Task Force and discuss the project.



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## Pilots & Hackathons

Thursday, 1 July

- 14:00**     **Welcome & opening remarks**  
Arnaud Lambert, ONE Record Engagement Manager, IATA
- 14:05**     **ONE Record; from piloting to operational implementation**  
Pilots started in 2019 and have been growing through the years. However, the standard is ready for real life shipments. The time has come to scale-up.  
Arnaud Lambert, ONE Record Engagement Manager, IATA  
Dr Philipp Billion, Senior Manager Fulfilment Data Solution, Lufthansa Cargo
- 14:35**     **From Hackathon to DaaS (Virtual Control)**  
Hear from the Hackathon 2020 Innovation Engine prize winner about their path of success to digitize the ULD transfer and inspection process and building a data-as-a-service platform for the ecosystem. The product will be demonstrated.  
Thomas Gerstner, President, Virtual Control
- 14:55**     **From Hackathon to SaaS (Nexshore Technologies)**  
Nexshore is the first company to market and offer a true Software as a Service (SaaS) of ONE Record. Discover the benefits and experience from the development team as well as a live demo!  
Pramod Rao, CEO, Nexshore Technologies
- 15:15**     **Q&A session**  
The speakers address questions from the webinar audience.



## ONE Record

Tuesday, 6 July

**14:00** **ONE record, what's new in 2021?**

ONE Record standard has improved since 2020, in particular the scope of the data model has been extended to integrate new processes and business requirements. We will provide an overview of how this scope has been extended and what are the key improvements of the standard

[Christophe Lambert, Digital Cargo Project Manager, IATA](#)

**14:20** **Focus on Modernizing Cargo Distribution (MCD)**

MCD is a great example of how data sharing can change Cargo Distribution by enhancing real-time exchanges and bringing more transparency to the process. It is a major topic on which the ONE Record taskforces are working on. We will introduce the topic, share the first results and provide an overview on the topics in progress

[Christophe Lambert, Digital Cargo Project Manager, IATA](#)

**14:40** **Roundtable on Modernizing Cargo Distribution: what's next?**

We'll discuss the industry vision for the Cargo Distribution with stakeholders that take part in the MCD working group

[Christophe Lambert, Digital Cargo Project Manager, IATA](#)

[Anke Burchard, Senior Project Manager Digital Transformation, Lufthansa Cargo](#)

[Daniel Cruze-Kraus, Product Owner, IAG Cargo](#)

[Robert Kunen, VP Distribution & Customer Service, AFKL Cargo](#)

**15:00** **Q&A session**

The speakers address questions from the webinar audience.



## EU FEDeRATED project

Thursday, 8 July

- 14:00**     **Federated platforms to facilitate digital logistics and transport**  
The FEDeRATED project is a consortium between the European Commission and a number of EU states and private sector stakeholders. In this session we will discuss the value and benefits of federating digital transport and logistics platforms.  
[Roeland van Bockel, Coordinator, EU FEDeRATED project](#)
- 14:15**     **Living Labs - bringing the concepts to life**  
To put the FEDeRATED design principles to the test, the consortium members are running more than 20 "Living Labs" across the various transport modes to verify that the business and governance concepts, the architecture and the semantic models are fit for purpose.  
[Mikael Renz or Mikael Lind, Coordinator\(s\) of FEDeRATED Living Labs](#)
- 14:30**     **Architecting the foundation of federated platforms**  
Effective interoperability relies on clear technical guidelines to ensure that systems can reach each other and exchange data with the minimum, or even none, integration effort.  
[Mitchel Out, Chair of the FEDeRATED Architecture Team](#)
- 15:00**     **Semantic models - speaking a common digital language**  
The global transport sector has been developing data standards for decades, but this has not and could not have lead to a single lingua franca. FEDeRATED embraces the linguistic diversity and builds bridges between the data standards through common semantic models.  
[Henk Mulder, Chair of the FEDeRATED Semantic Modelling Group](#)
- 15:15**     **Q&A session**  
The speakers address questions from the webinar audience.



## Digital Cargo Products & Tools

Tuesday, 13th July

- 14:00**     **Cargo IS: air cargo industry's premier market intelligence tool**  
For over 20 years, IATA's CargoIS is the air cargo industry's premier market intelligence tool, used by the full range of air cargo stakeholders: airlines, general sales agents, freight forwarders, ground handlers, airports and many others!  
[Shi Da, Product Manager Cargo IS](#)
- 14:10**     **Postal Accounts Settlement System (PASS)**  
PASS provides a unique global platform that automates and harmonizes the process of billing and settlement between airlines and postal operators.  
[Camille Chan, Product Manager CASS and PASS](#)
- 14:20**     **ONE Source: Visibility on aviation capabilities & infrastructure**  
IATA ONE Source is the industry platform for validated aviation capability and infrastructure information. Find the right business partner for your needs, from specific infrastructure requirements such as temperature-controlled rooms to IATA certifications. The platform makes it easier for you to find the right services where you need them.  
[Mark Voelkl, Manager Smart Faciility and Obe Source](#)
- 14:30**     **DG AutoCheck: Digitally transform and automate dangerous goods acceptance checks**  
DG AutoCheck is a digital solution that enables airlines, ground handlers and freight forwarders to automatically check the compliance of the Shipper's Declaration for Dangerous Goods (DGD) against all relevant provisions of the IATA Dangerous Goods Regulations. It facilitates as well the verification of the packages' marks and labels on dangerous goods consignments.  
[Ben Behanan, Product Special Dangerous Goods AutoCheck](#)
- 14:50**     **TACT Air Cargo Solutions**  
The TACT Air Cargo are the industry reference for air cargo professionals. They provide comprehensive, real-time and integrated content for efficient transportation of air cargo shipments worldwide, based on rates; rules; schedules and compliance.  
[Speaker: Arnaud MEUNIER – TACT](#)
- 15:10**     **Q&A**

