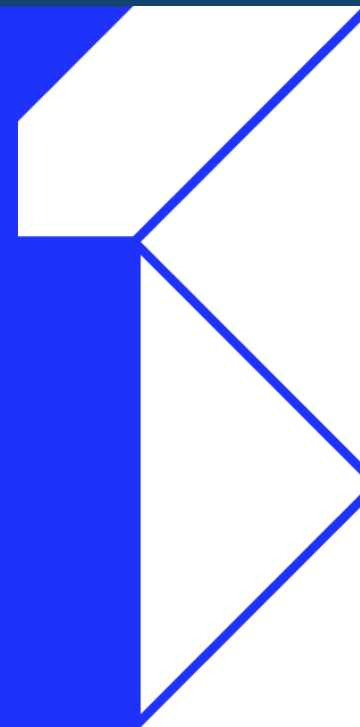# CARGO iQ
visibly better

ORCHESTRATING AIR CARGO

Marie Seco-Koeppen, Cargo iQ

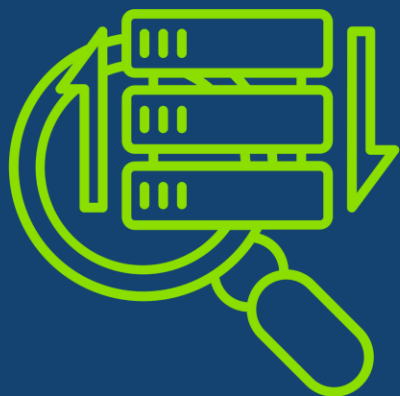**Niclas Scheiber, CHAMP Cargosystems**

Cargo Experts Conference 2025
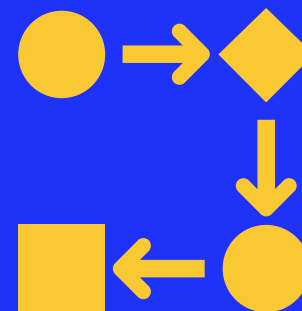
1 October 2025

Modern technologies enable
finer steering of Air Cargo processes

Granularity

IoT, Station Routemaps, Care Protocols
Audit Trail about Acceptance Process

Synchronization

Process Transpareny & Fluidity

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To rethink Air Cargo, we need
to arange core elements

Processes

Systems

Data Models

Data interfaces

Orchestrating the
Master Operating Plan

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In other words:
We create a **new symphony** for **Air Cargo**

Process & Performance

Systems

Data Model

API

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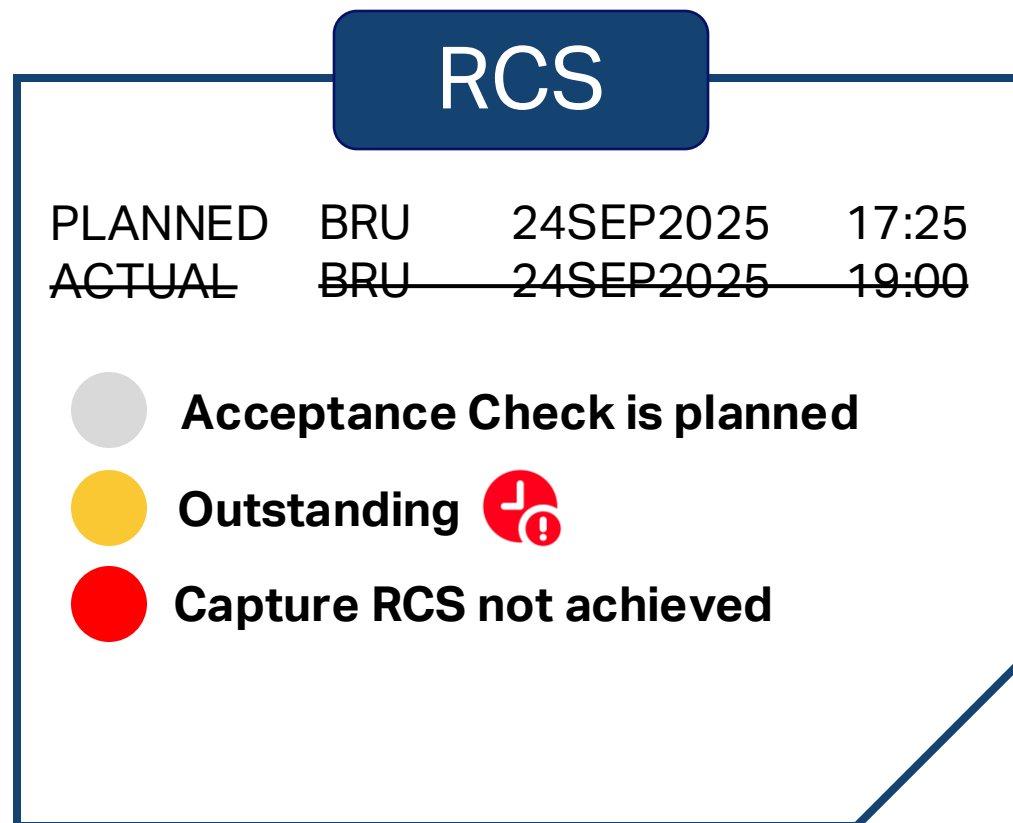
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Part One:
Innovate core processes

Process & Performance

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Example: **Challenging** how we handle **the acceptance check**

RCS

PLANNED   BRU   24SEP2025   17:25
~~ACTUAL   BRU   24SEP2025   19:00~~

⚪ **Acceptance Check is planned**

🟡 **Outstanding**

🔴 **Capture RCS not achieved**

Reactive

Acceptance Check

PLANNED   BRU   24SEP2025   17:25
ACTUAL   BRU   24SEP2025   19:00

⚪ **Acceptance Check is planned**

🟡 **Outstanding**

🔴 **Negative**

🟢 **Capture RCS achieved**
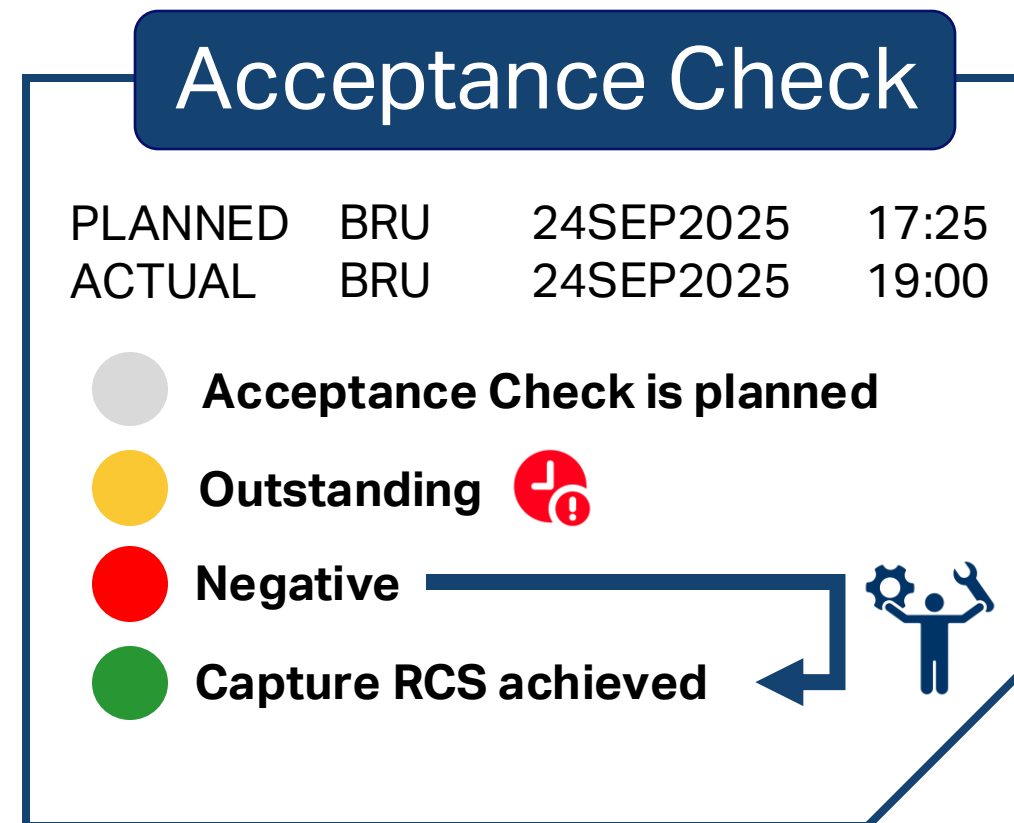
Proactive

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Part Two:
Rethink todays setups

Process & Performance

Systems

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#CEC2025

Challenging how our systems work

◣ AWB centric ▶ Process centric

◣ Increased automatic validation ▶ Managing by exception e.g. DG Checks, Embargo Lists, Banned and Restricted commodities

◣ HAWB–centric ▶ transport stages

◣ FBL ▶ Execution Maps

Part Three:
Ever enhance the data models we share

Process & Performance

Systems

Data Model 1

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Simplified Booking Model

- Support for **bookings made outside of 1R**

- Standardization of **part-bookings**

- Support for **non-core transportation services**

Used for: —————————————————————————————

Booking pre-advice

Shipment record

Non-core services

Matured Shipment Model

- **Hybridization** of **shipment and piece** level data

- Enhanced **DG** and **customs** information

- Improved **documentation**

Used for: —

Shipment record

CXML and CIMP compatibility

Extended Cargo iQ Model

- **Care** protocol completion

- **AWB route map** model + milestones (Q4 2025)

- **Granularized route map** models (2026)

Used for: —

| Care protocol implementation | New MOP and milestones | Station-, ULD- and Ramp-level |

Part Four:
Optimize the way we will be connecting

Process & Performance

Systems

Data Model

API

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Optimized ONE Record API

◥ **Metadata** retrieval

◥ **Event reference** in notifications

◥ **Access granted + Availability** notifications

Used for: —

Reduction of bandwidth

Reduction of API calls

Lean subscription management

ONE Record & CargoIQ:
We are **ready to create this new symphony**!

Process & Performance

Systems

Data Model

API

Image generated by ChatGPT, Video animated by Grok Imagine

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visibly better

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Thank you for your contributions!
To **more improvements** in the coming year.

Process & Performance

Systems

Data Model

API

CARGO iQ
visibly better

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LETS KEEP COLLABORATING

Cargo Experts Conference 2025

1 October 2025