

**IATA**

**CARGO**

**EXPERTS**

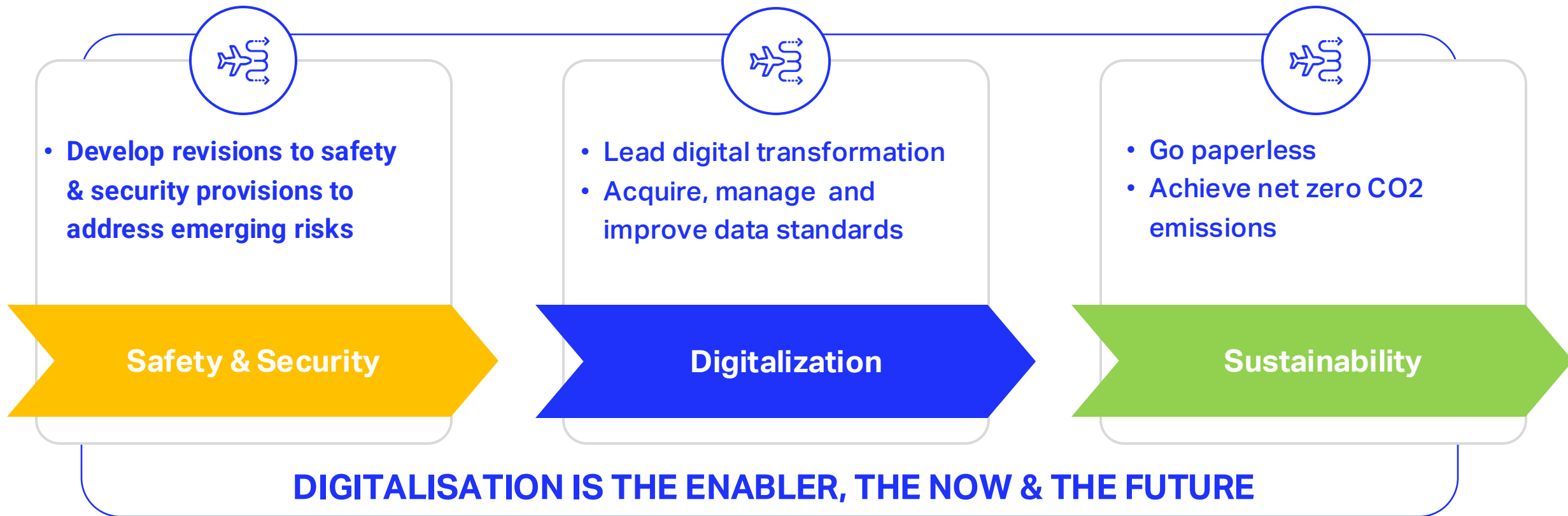
**CONFERENCE**

Brussels, Belgium  
24-25 September 2025

**Digital Operations - Solutions**



# 3 Industry Priorities





**Data is at heart of digital transformation.  
Business strategy first, then data strategy...  
followed by technology strategy.**

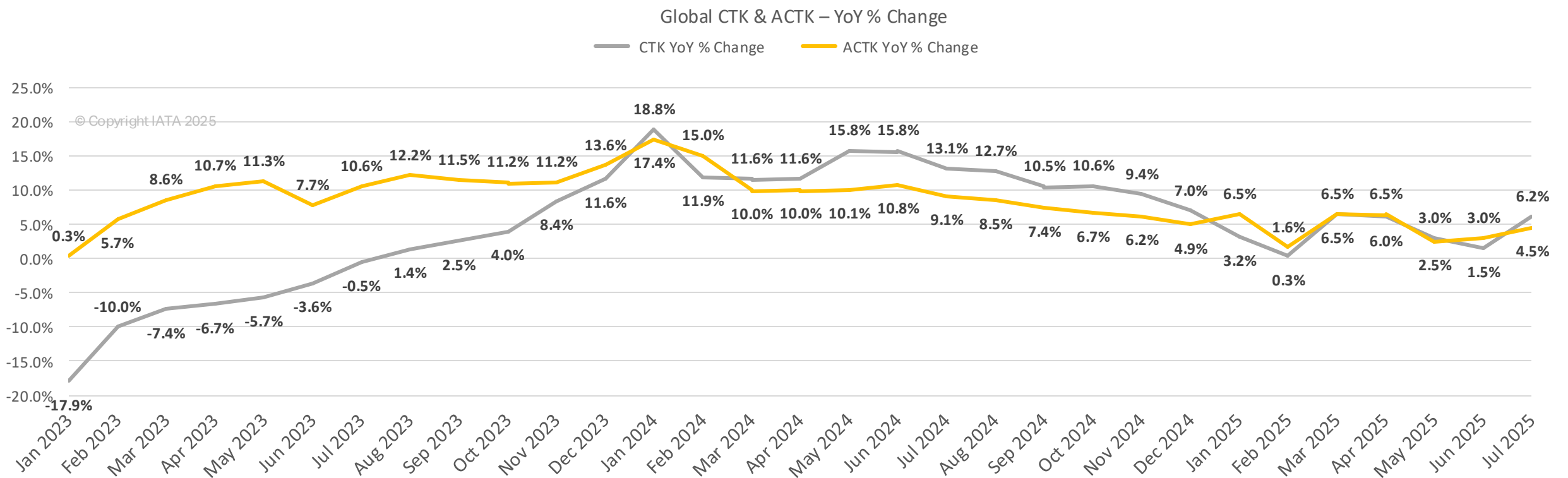


Kim Macaulay  
Chief Information & Data Officer IATA

# 1) Data: Air Cargo Supply

## Global Outbound

The graph below displays YoY % change of global available air cargo tonne-kilometres (ACTK) and air cargo tonne-kilometres (CTK): In July 2025, ACTKs were up 5% YoY and CTKs were up 6% YoY.



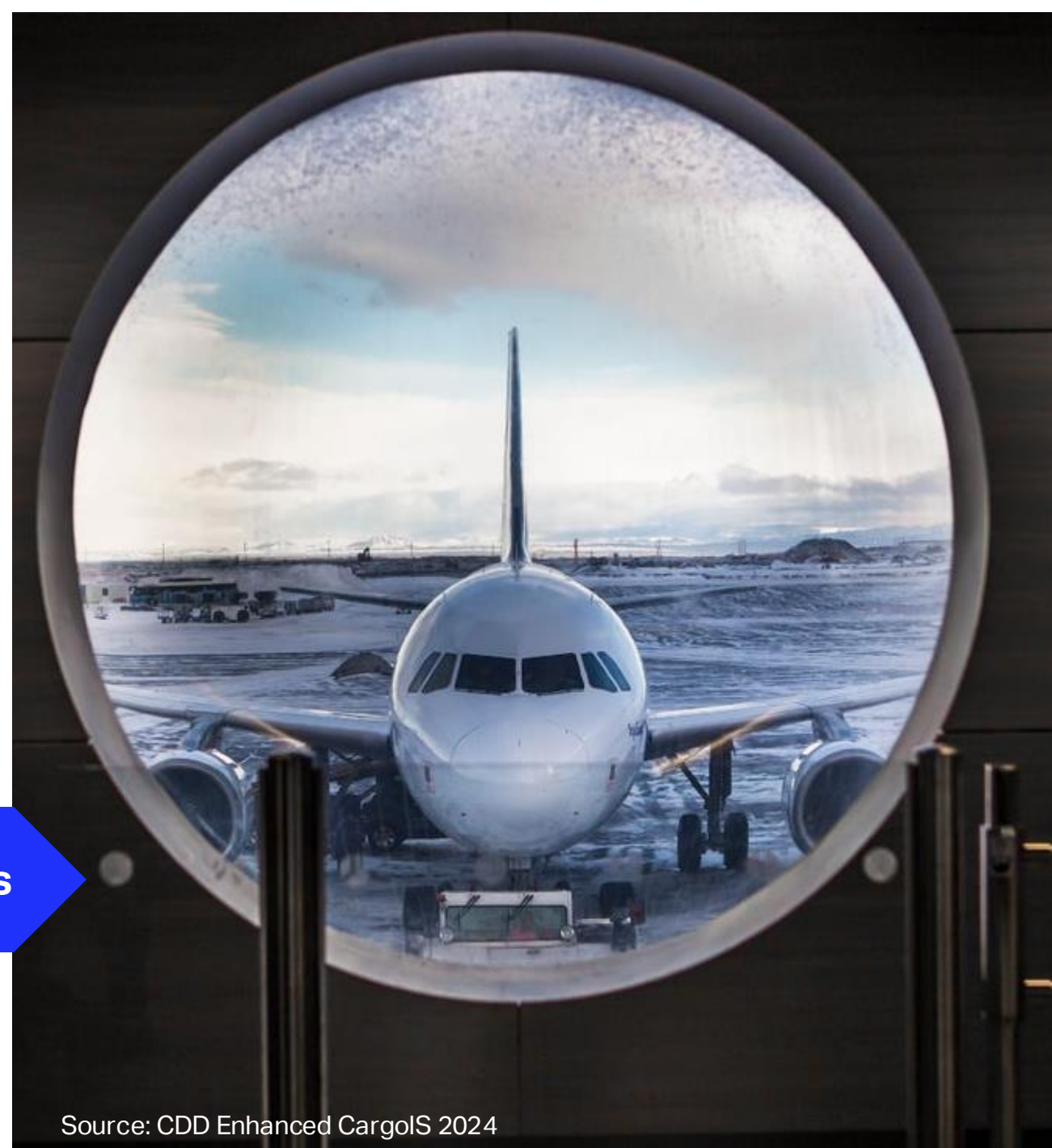
Source: IATA Air Cargo Market Intelligence analysis based in whole or in part on voluntary data submissions compiled by IATA Economics.

Notes:  
- International flights only



**Top 15** airlines carry  
**59%** of global tonnage  
**66%** of global revenue

The remaining part is carried by 200+ airlines



# Air Cargo Demand

## Global and Regional Trends vs 2024 Chargeable weight and Revenue JUL 2024 vs. JUL 2024

Origin Region	Last 3 Months VS Previous Year					
	2025/05		2025/06		2025/07	
	Weight YOY	Charges YOY	Weight YOY	Charges YOY	Weight YOY	Charges YOY
Africa	2.4%	10.8%	1.4%	5.3%	-3.1%	8.3%
Asia Pacific	7.1%	3.7%	5.0%	0.3%	8.1%	3.4%
Central and South America	2.1%	2.2%	1.2%	1.1%	-4.9%	-3.1%
Europe	2.7%	0.6%	-2.9%	1.9%	3.8%	9.8%
Middle East & South Asia	17.4%	-5.5%	11.6%	-9.5%	13.3%	-6.7%
North America	1.2%	0.0%	3.6%	-0.4%	15.4%	8.5%
Total	5.0%	1.9%	2.5%	-0.1%	7.0%	4.4%

**Global**  
ChW: +7%  
Rev: +4%

ChW: +15%  
Rev: +9%

ChW: +4%  
Rev: +10%

ChW: +8%  
Rev: +3%

ChW: +13%  
Rev: -7%

ChW: -3%  
Rev: +8%

ChW: -5%  
Rev: -3%

- Notes:
- Based on all CargoIS origin countries, all shipments, underlying currency: USD.
  - The weight for the last 2 months has been adjusted to account for expected late submissions and corrections. This adjustment is subject to corrections in the coming weeks.

Source: CDD enhanced CargoIS





# Can you still rely on gut feeling to make decisions?



CargolS provides **Market Intelligence** to support managers making informed business decisions:

- Market strategy
- Account management
- Revenue management
- Operation optimization

LAX-LHR

JFK-CDG

MIA-BUE

FRA-BKK

YUL-GVA

NRT-SYD

GRU-ORD

PEK-DUB

JNB-BOM

MUC-TPE

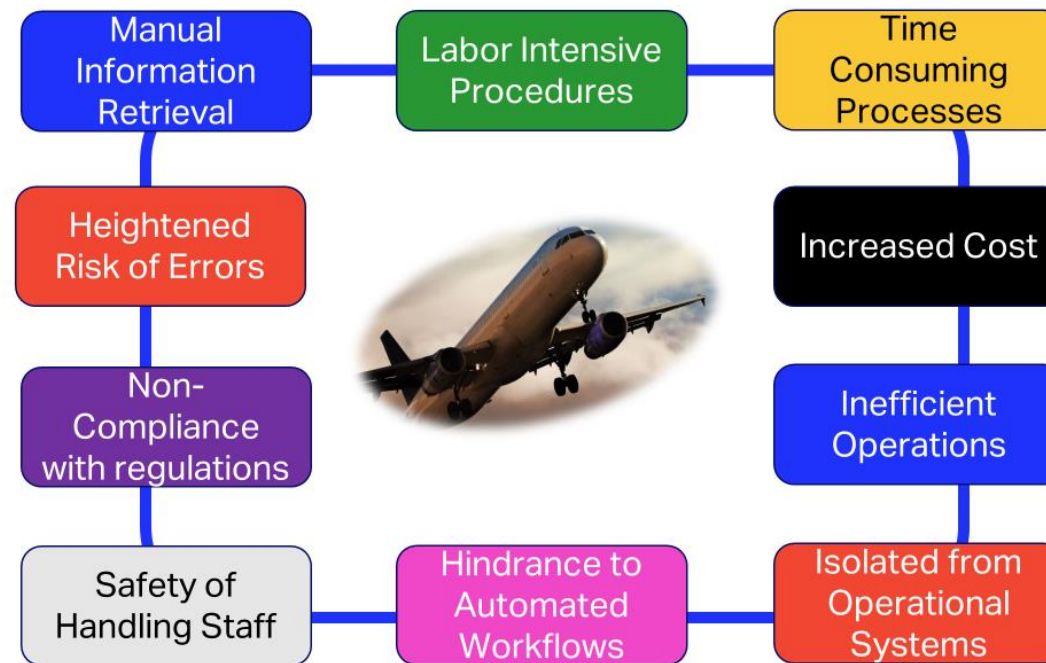
YUL-GVA

LAX-LHR

## 2) Operational Compliance Solutions

Inform **compliance** with **international legislation** and **standards**, whilst seeking to **improve operational performance** and **reduce risks**

### Industry Pain Points



Information flow



# Digitalization: Together, we are on a journey

## INDUSTRY & PORTFOLIO DIGITALISATION

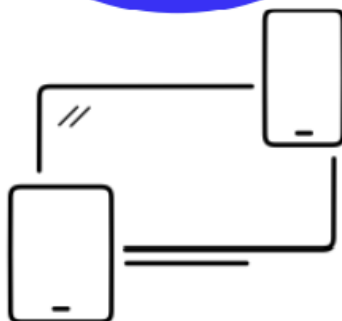
**Print**  
Manuals

Paper Publications



**Digital**  
Publications

Electronic Publications



**Data**  
**Messaging**  
& Databases

Business Rules  
Solutions



**AutoCheck**  
Compliance  
Systems

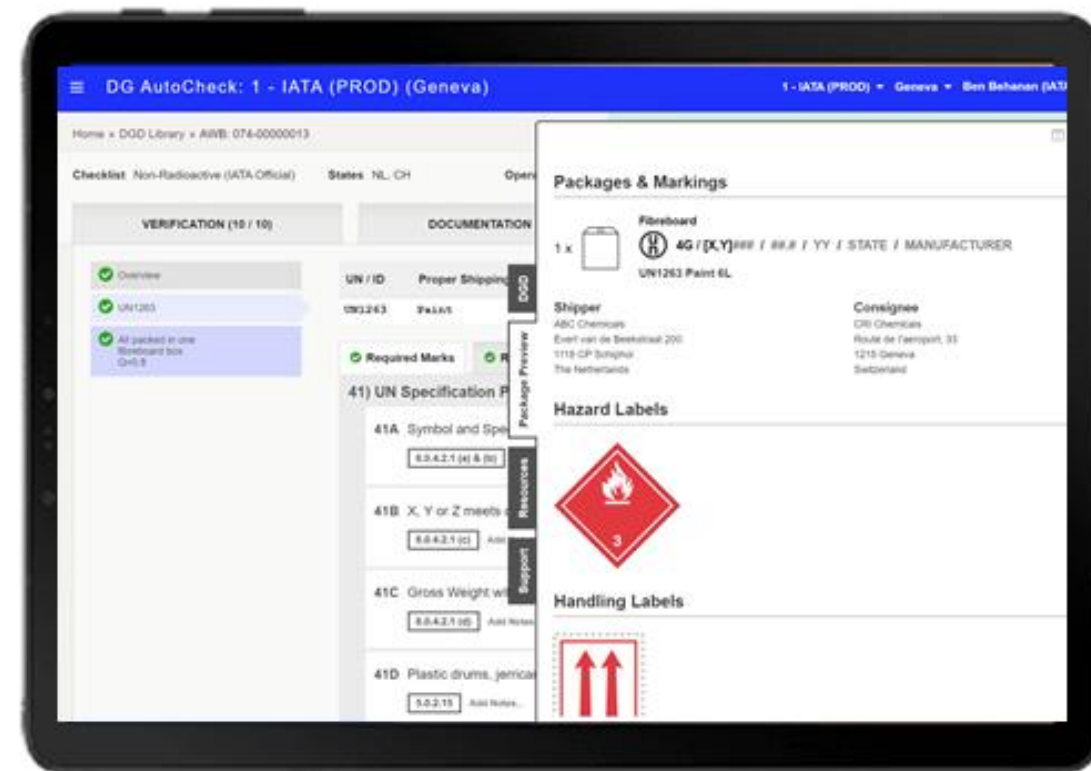
Ops & Compliance  
Services



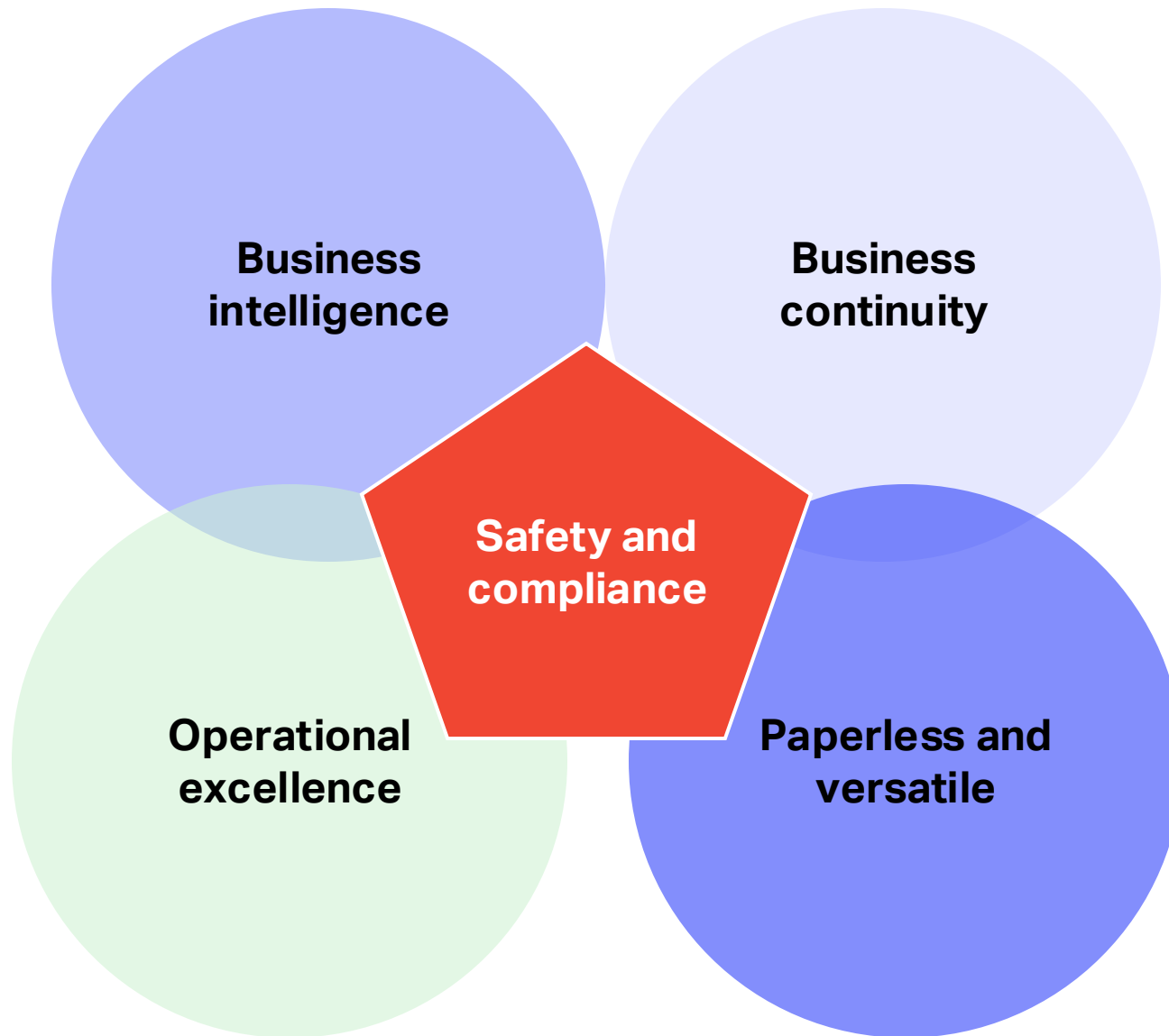
# So what is DG AutoCheck?



- ✓ Helps **future-proof** your Dangerous Goods acceptance process and Operations.
- ✓ **Maximize safety**
- ✓ Facilitates compliance with latest regulations
- ✓ Checks compliance with the DGR, including Variations
- ✓ **Improve efficiency**
- ✓ Performs document check
- ✓ Facilitates physical check
- ✓ **Enables an end-to-end digital process** - provides data for **NOTOC**
- ✓ **Save time & money**
- ✓ Business insights
- ✓ Minimize the risk of fines for non-compliance.



# 5 value drivers

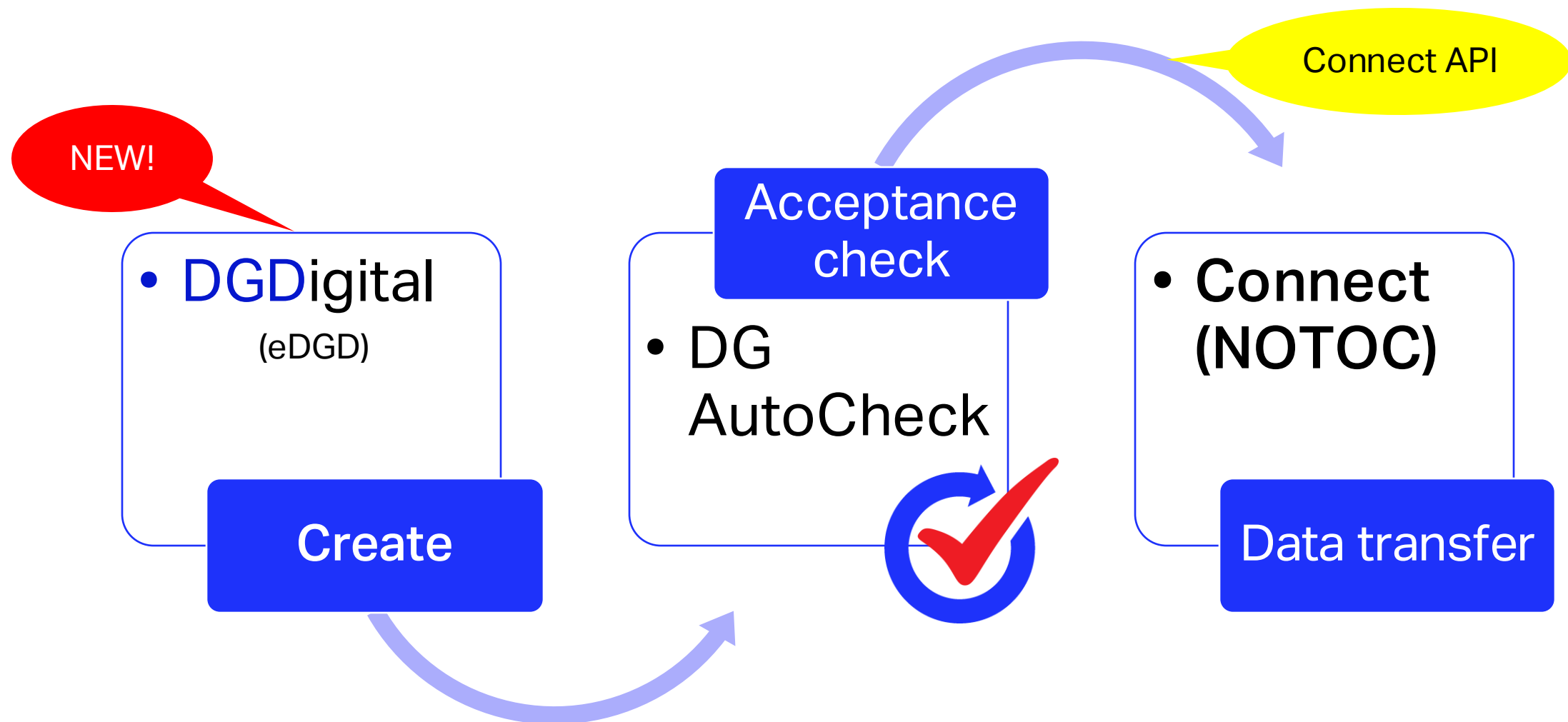


- ✓ BI data & reports
- ✓ Remote access
- ✓ Digital checklists
- ✓ Consistent **check quality**
- ✓ Improves **accuracy** and **speed**
- ✓ Easier **communication** with customers
- ✓ **Safety-centric**

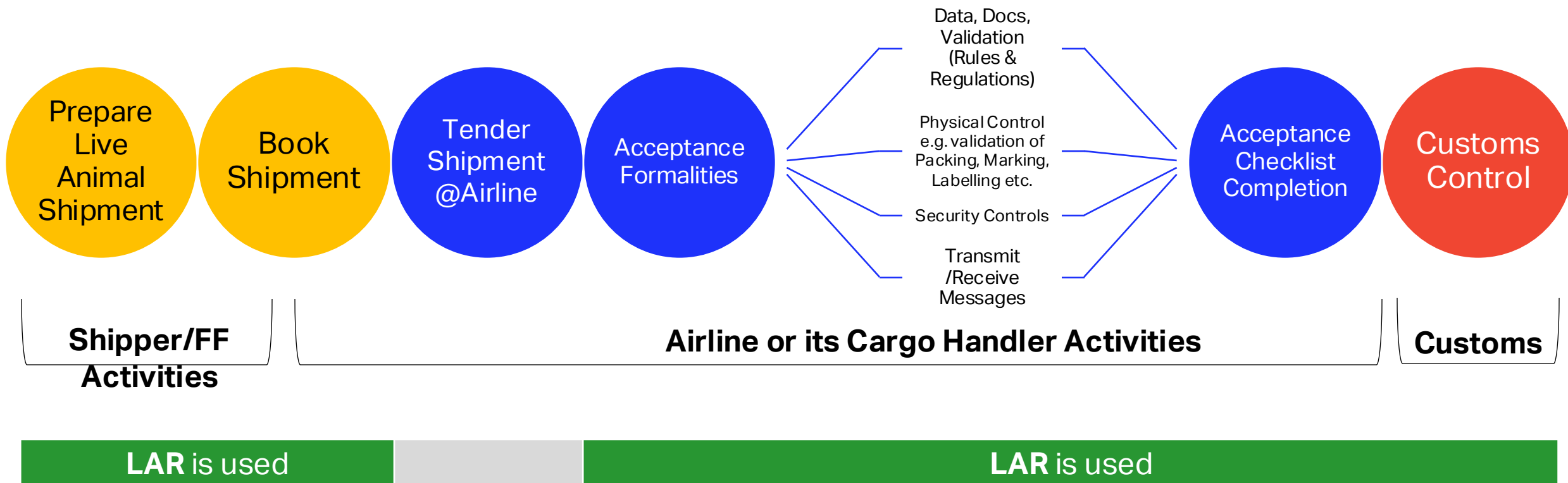




# But it doesn't stop at Acceptance. End to end DG digital transformation



# Air cargo transport is a complex, high-touch process



# Persona & Pain points



**Jane Geronimo**  
Compliance & Safety Officer

**Experience:** 10 years  
**Employer:** Cargo Air

## Responsibilities

- Ensure regulatory compliance with IATA LAR and international/national laws
- Develop and maintain SOPs for live animal handling
- Conduct audits, investigate incidents and implement corrective actions
- Maintain compliance records and reporting
- Monitor regulatory updates and adjust procedures accordingly
- Train staff on live animal transport regulations and best practices
- Assess risks related to animal welfare and operational safety
- Ensure humane treatment and safe transport conditions for live animals

## Goals, Needs & Jobs-to-be-done

- **Goal:** Minimize regulatory violations and ensure safe, humane transport
- **Goal:** Build trust with authorities and customers through consistent compliance
- **Need:** Access to up-to-date regulatory information and best practices
- **Need:** Tools to streamline audits, reporting, and training
- **Job-to-be-done:** Identify and close compliance gaps proactively

## Challenges, Pain Points & Frustrations

- Slow access to IATA LAR and related resources
- Time wasted searching for information
- Sub-optimal processes across stakeholders
- Frequent compliance issues
- Manual extraction of LAR details from multiple sections
- Labor-intensive workflows
- Non-digital, paper-based operations
- High error risk due to manual handling



# Problems



## Cost & Process Inefficiencies

- Process inefficiencies
- Labor and time intensive procedures
- Paper based processes
- Non-availability of up-to-date regulations & temporary embargoes

## Compliance

- Non-compliance with regulations
- Risk of errors
- Non-compliance penalties
- Reputational damage

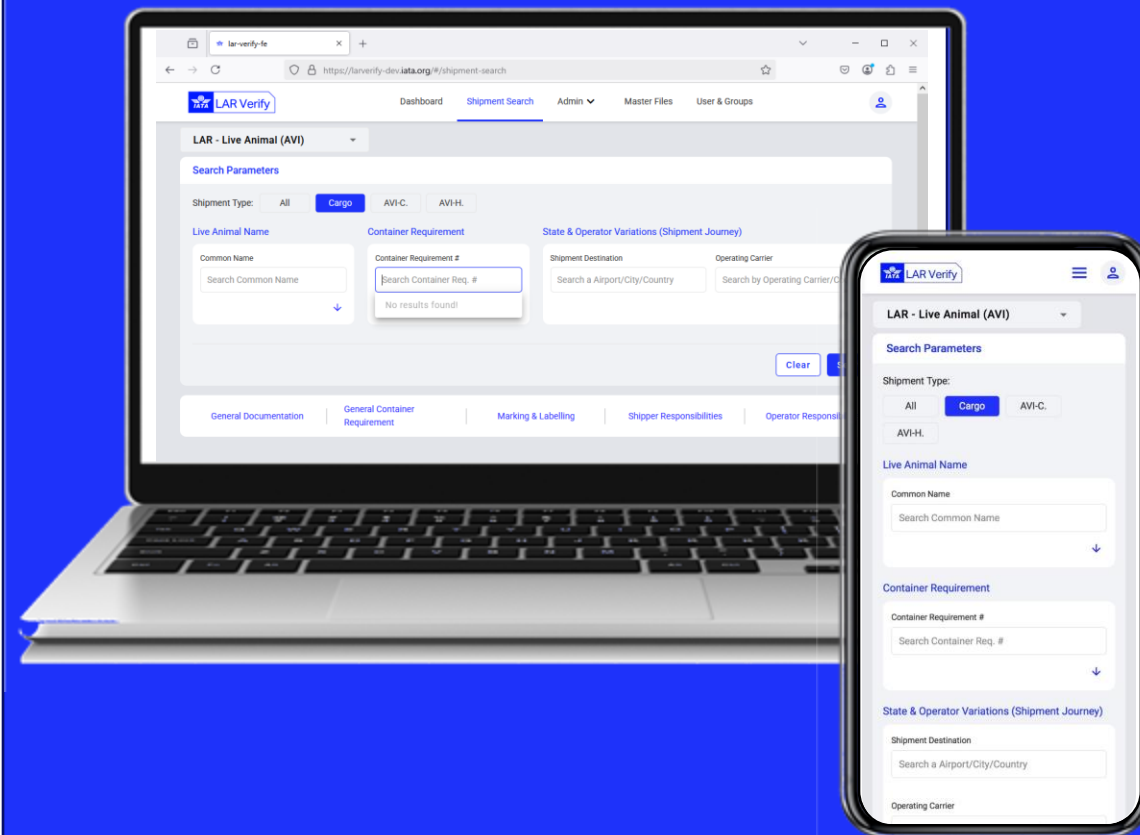
## Safety

- Endangerment of handling staff
- Health and welfare of animals
- Safety incidents



A trusted digital solution for compliant, humane, and reputationally secure, live animal transport.

[www.iata.org/lar-verify](https://www.iata.org/lar-verify)



# Benefits

## Enhanced Operational Efficiency

Enhanced operational efficiency at shipment preparation, booking, planning & acceptance.

## Improved Compliance

Improved compliance with state and operator regulations, technical instructions including container, documentation and labelling requirements.

## Safety

Ensured Safety of handling staff & cargo and avoid shipment offloading, mishandling, delay and damages.

## Process Automation & Optimization

Optimized existing processes of shipment preparation, planning and acceptance

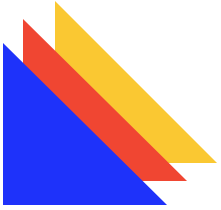


# TACT Air Cargo Solutions

A Digital & Integrated  
Ecosystem supporting  
Operations



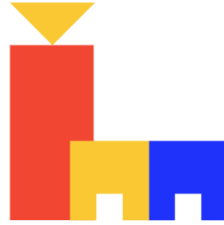
# Industry Collaboration



110+ Airlines



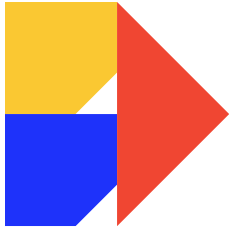
220+ Countries



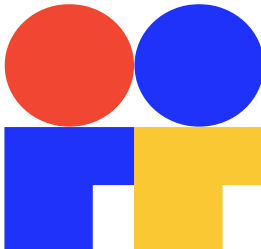
Airports



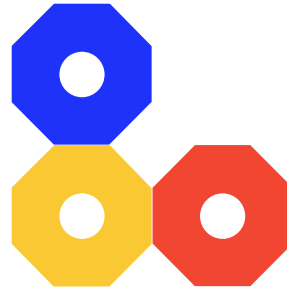
Ground  
Handling  
Agents



Freight  
Forwarders



GSA



Industry  
Partners



800+ people contribute to TACT!





# CO2 Connect

## CARGO CO2 CALCULATOR



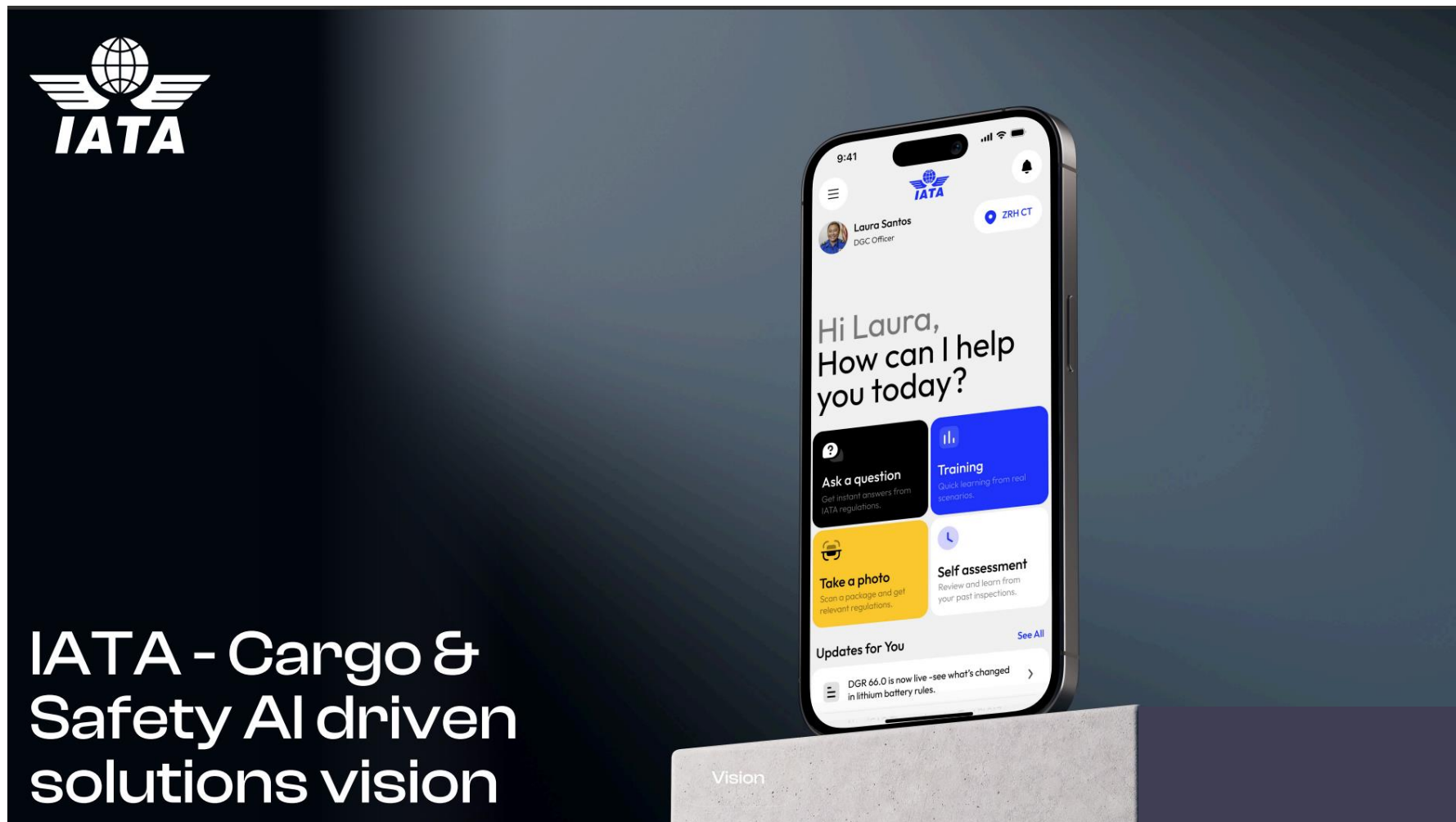




**Connecting airlines with the most accurate & trusted CO<sub>2</sub> solutions required by their customers and aligned with industry standards.**

- ✓ Airline data interests protected
- ✓ Ensuring consistent and accurate CO<sub>2</sub> data is displayed across the travel value chain
- ✓ Supporting airlines in calculating and displaying CO<sub>2</sub> data directly to passengers, shippers, and industry stakeholders

# Introducing: Coming Soon!



# Our vision

Smarter, Safer, and Faster  
Compliance in the Field



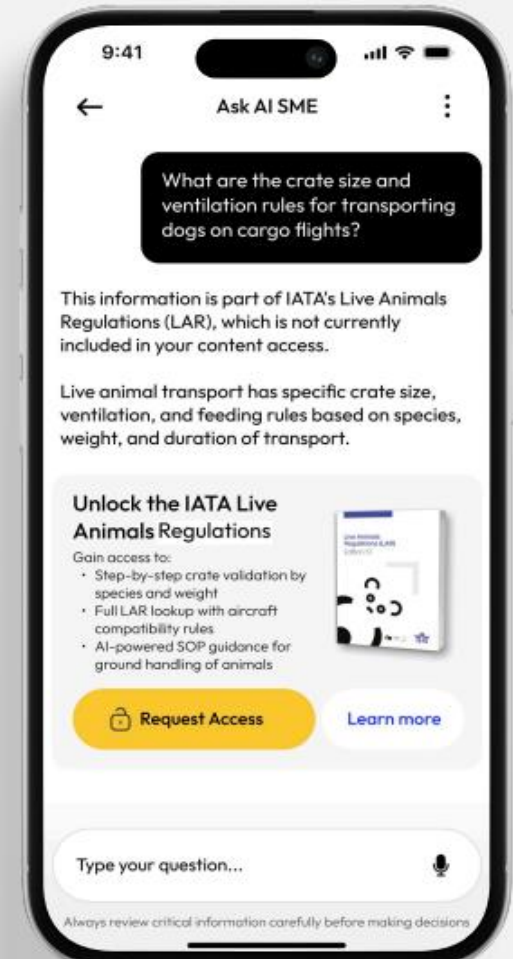
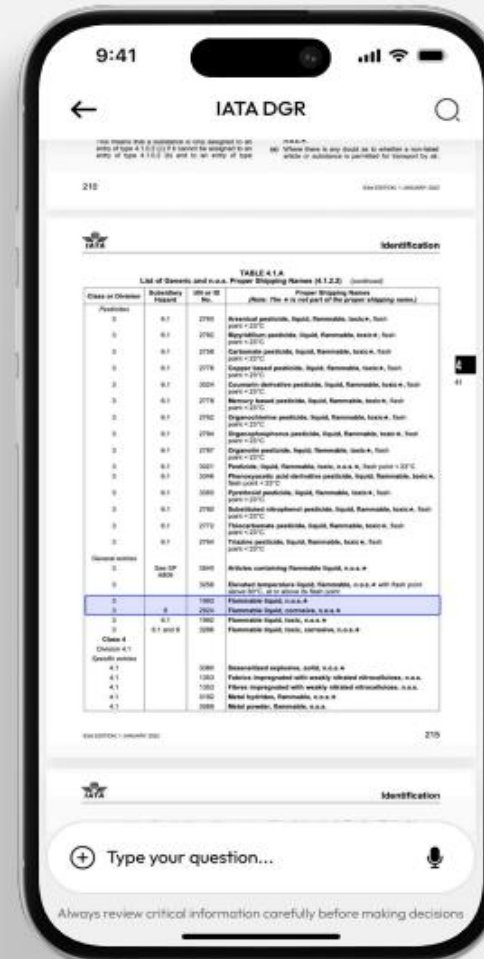
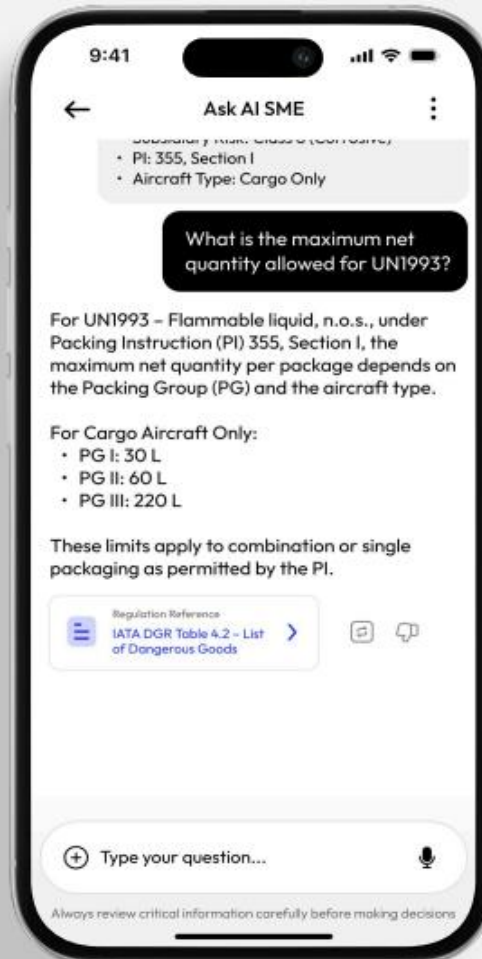
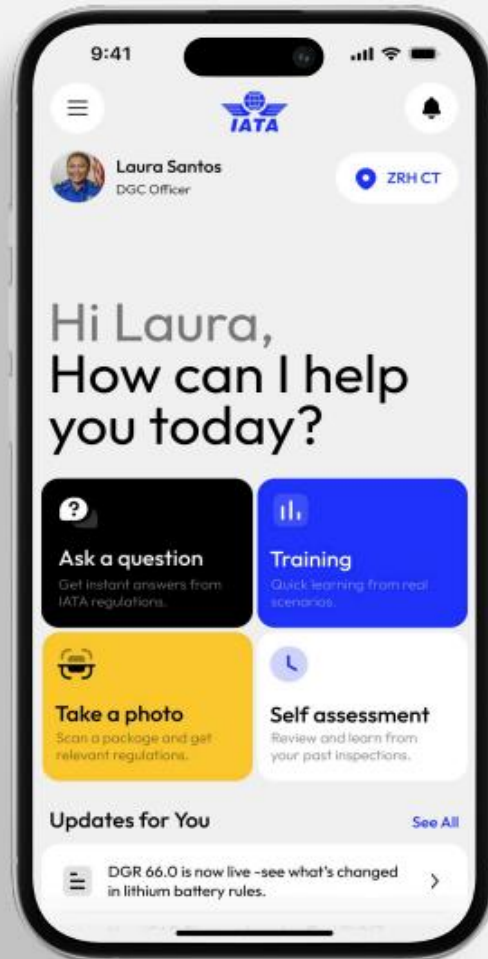
- ✓ Gain instant, role-specific regulatory guidance
- ✓ Reduce costly errors and shipment rejections
- ✓ Streamline daily operations with checklist-guided procedures
- ✓ Empower frontline and compliance staff with on-the-job training and knowledge reinforcement

Scalable, Accelerated Delivery of  
Trusted Standards

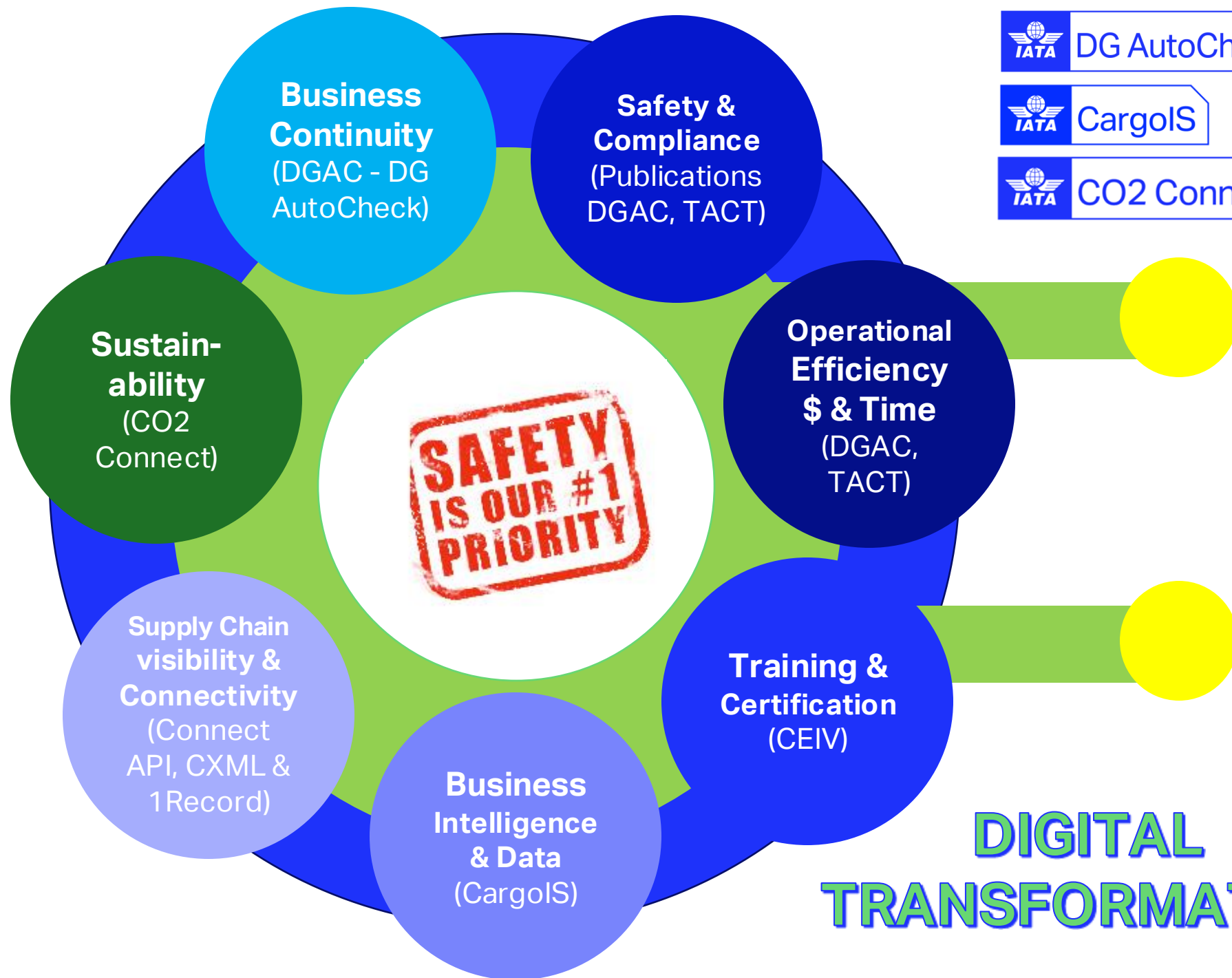



- Transform regulations into modular, monetizable digital services ✓
- Reduce dependency on engineering through no-code tools ✓
- Monitor adoption and user intent with real-time analytics ✓
- Reinforce IATA's position as the trusted operational brain ✓

# Experience snapshot





 DG AutoCheck CargoIS CO2 Connect TACT Training

# Air Cargo makes it happen



# Digitalization empowers it

Thank you!

**Act now. Tomorrow  
is here... *today!***

