Exploring cutting-edge innovation in air cargo digitalization

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ABOUT CARGO START

COMPANY BACKGROUND

- Location: Rome, Italy
- Founded: 2020
- 2022: A 51% stake in Cargo Start was acquired by Circle Group.

SPECIALIZATIONS

- Enhance the quality, transparency, and visibility of air cargo shipments.
- Drive digital transformation in the logistics industry.
- Provide innovative technological solutions for efficient supply chain management.
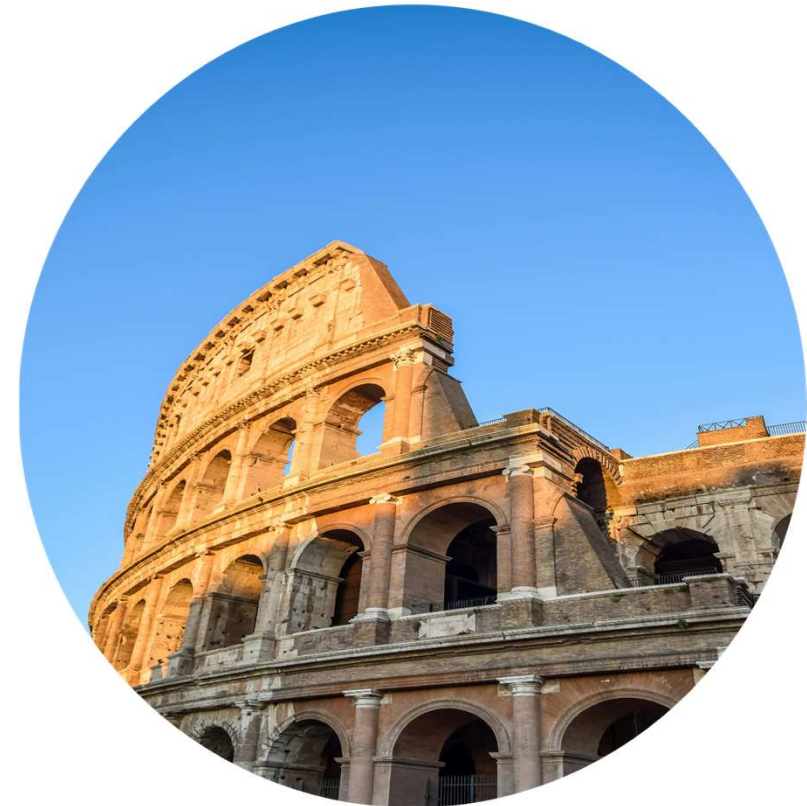
MISSION

- Cargo Start's mission is to enhance the quality, transparency, and visibility of air cargo shipments. Cargo Start aims to keep up with digital transformation by providing innovative technological solutions for the logistics industry.

MARKET PRESENCE

- Strong presence in Italy, Europe, and Mediterranean countries.
- Services focus on the air cargo supply chain and extend to all multimodal transport solutions.
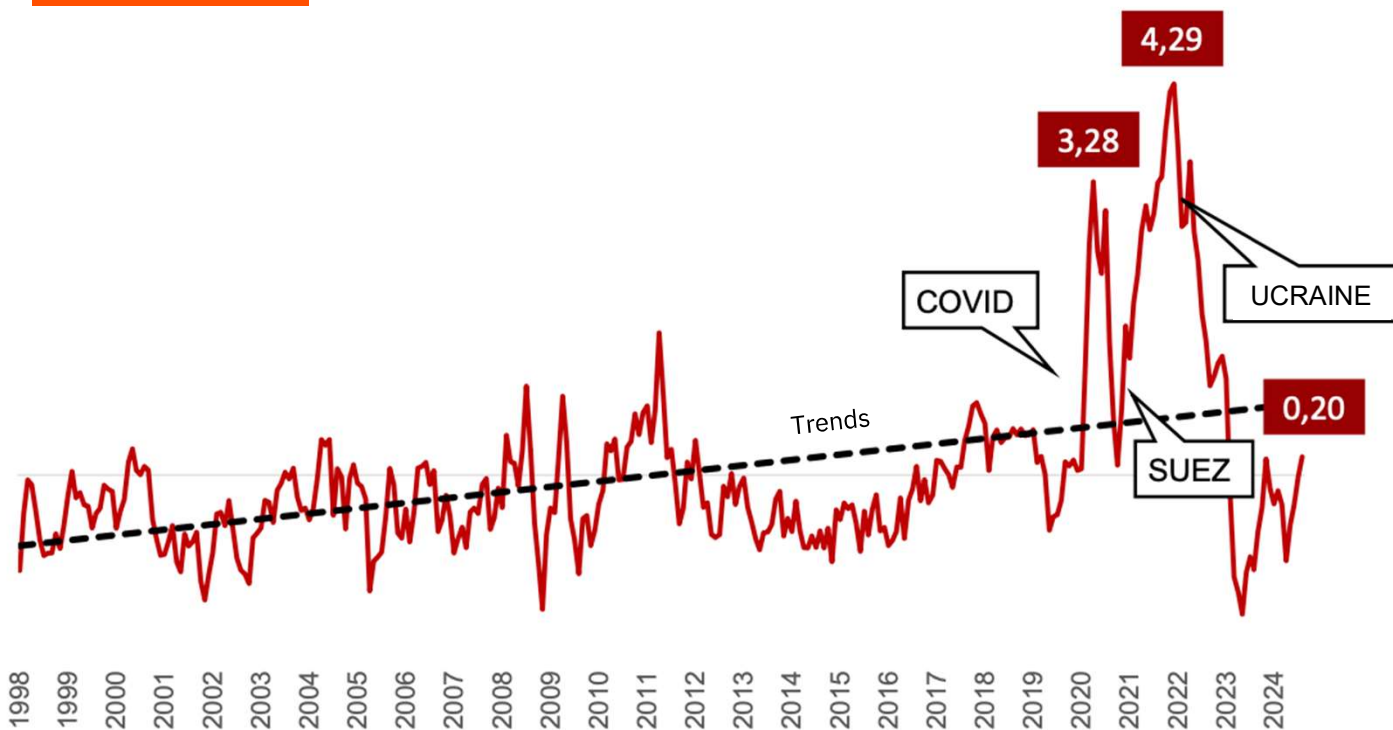
ENGAGEMENT

- Active participation in Industry Associations and IATA working Groups
- Consistent growth and strategic initiatives have bolstered its global presence.

ENHANCING SUPPLY CHAIN RESILIENCE: NAVIGATING DISRUPTIONS WITH DIGITAL SOLUTIONS

The Global Supply Chain Pressure Index (GSPCI)
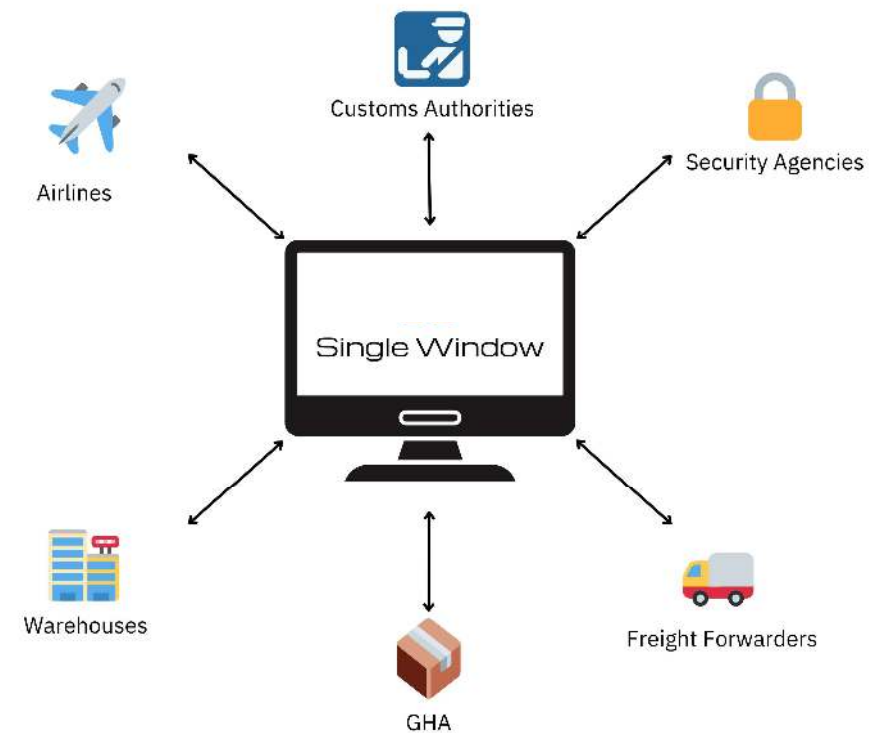Source: The Federal Reserve

Global events have put unprecedented pressure on supply chains.
Disruptions like COVID-19, the Suez Canal blockage, the Ukraine conflict, and issues in China have led to lockdowns, port congestion, and restricted mobility. Recovery is slow, and solutions are increasingly complex, impacting both suppliers and logistics buyers.

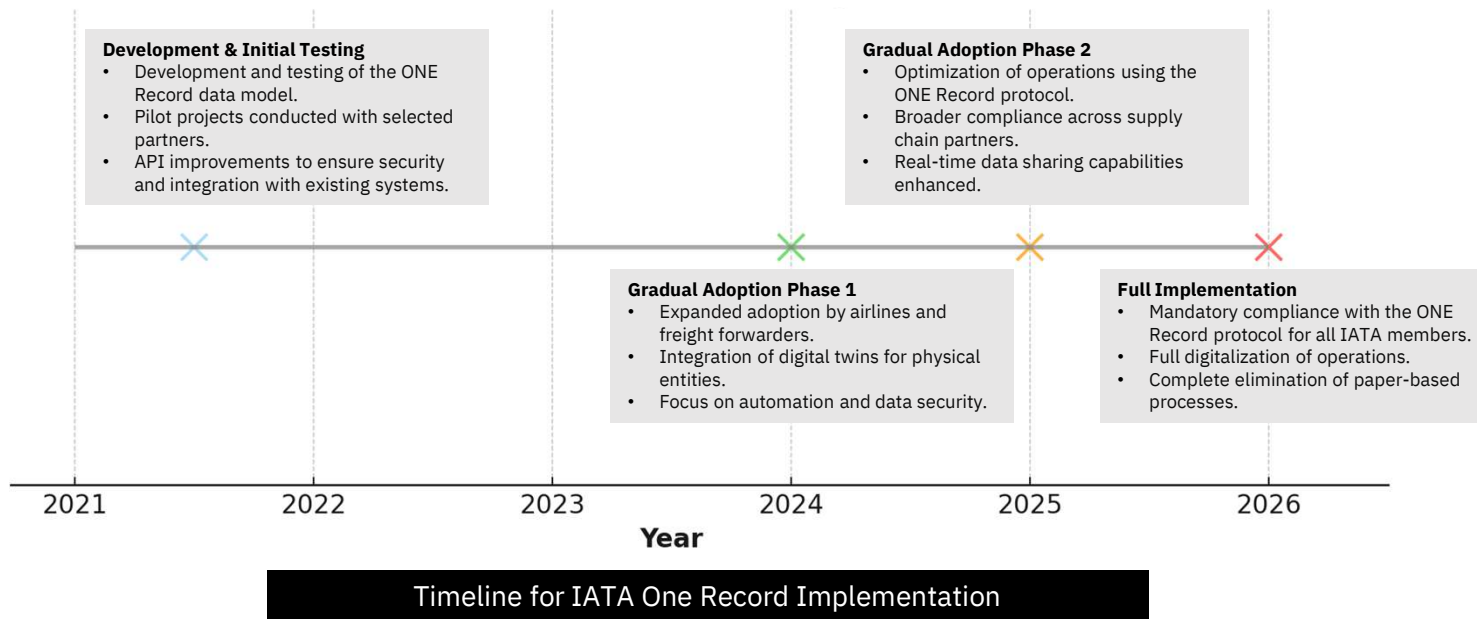# STRENGHTENING SUPPLY CHAINS WITH UNECE'S SINGLE WINDOW INITIATIVE

UNECE's SINGLE WINDOW INITIATIVE strengthens supply chains by streamlining procedures and reducing administrative burdens.

Grounded in the TRADE FACILITATION PRINCIPLE (Recommendation No. 33), it enables efficient, transparent collaboration through a single entry point for standardized information.

LEADING THE WAY: AIR CARGO'S ROLE IN DIGITALIZING LOGISTICS WITH ONE RECORD

ONE Record is a data-sharing standard whose aim is to improve the efficiency, transparency, and collaboration in the air cargo industry.

Development & Initial Testing
- Development and testing of the ONE Record data model.
- Pilot projects conducted with selected partners.
- API improvements to ensure security and integration with existing systems.

Gradual Adoption Phase 2
- Optimization of operations using the ONE Record protocol.
- Broader compliance across supply chain partners.
- Real-time data sharing capabilities enhanced.

Gradual Adoption Phase 1
- Expanded adoption by airlines and freight forwarders.
- Integration of digital twins for physical entities.
- Focus on automation and data security.

Full Implementation
- Mandatory compliance with the ONE Record protocol for all IATA members.
- Full digitalization of operations.
- Complete elimination of paper-based processes.

2021   2022   2023   2024   2025   2026

Year

Timeline for IATA One Record Implementation

Standardized Data: Ensures consistency and accuracy in data exchange.

Enhanced Visibility: Provides real-time tracking and monitoring of cargo.

Improved Collaboration: Facilitates better coordination among stakeholders.

Predictive Analytics: Enables data-driven decision-making and risk management.

ENHANCING AIR CARGO EFFICIENCY, RELIABILITY AND PERFORMANCE

In this complex global context, where the GSCPI highlights supply chain challenges, tools like the UNECE Single Window and IATA ONE Record standard are fundamental solutions that strengthens the benefits of the air cargo digital transformation.

The Global Supply Chain Pressure Index (GSPCI)

SINGLE - WINDOW

UNECE

ONE RECORD

IATA

Improved data sharing and standardized communication protocols enable air cargo operators to streamline their processes, reducing delays and increasing the speed of delivery.

SETTING NEW KPIS FOR AIRLINES

Standardized KPIs such as on-time delivery rates, cargo handling efficiency, reduction of environmental impact and customer satisfaction scores will enable airlines to benchmark their performance, identify areas for improvement and enhance overall service quality.
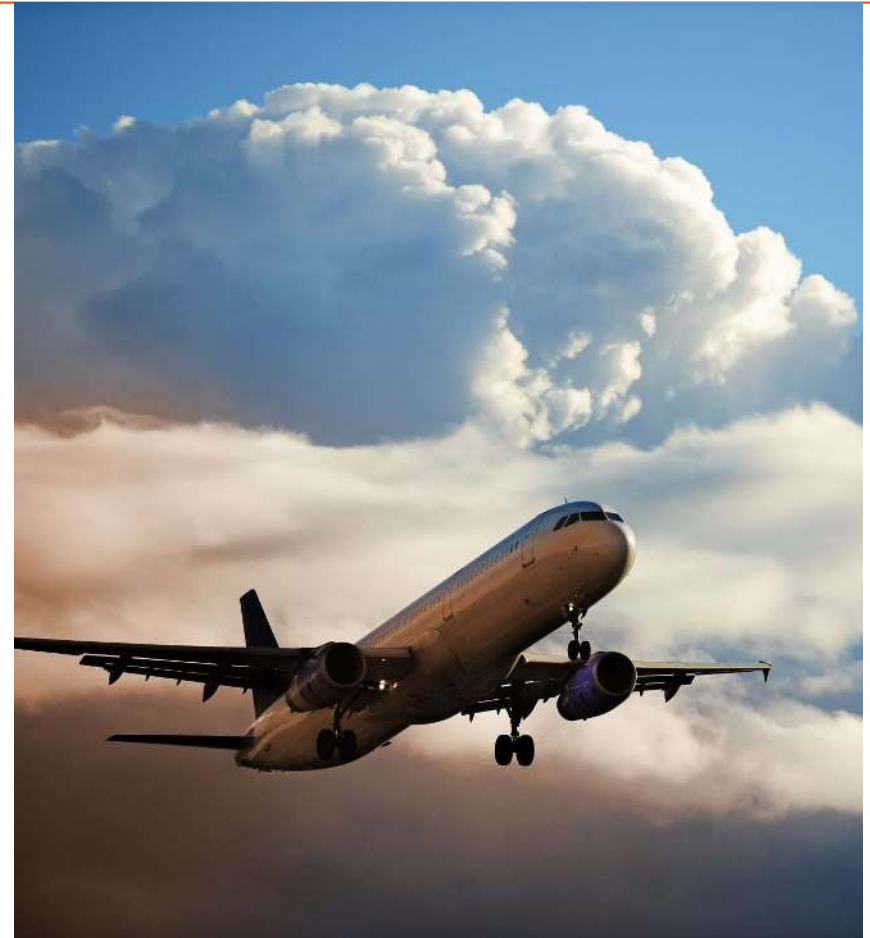
On time delivery rates

Cargo handling efficiency

Enviromental impact

Customer satisfaction

CARGO START

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THE ROLE OF CARGO START AS A DIGITAL PROVIDER

CONNECTIVITY

- Integrates with global air cargo logistics players (Freight Forwarders, Handlers and Airports) via the Cargo Community System (CCS) for seamless electronic message exchange.

- Supports interaction between logistics providers and cargo airport digital ecosystems.

VISIBILITY

- Offers real-time, airport-to-airport (A2A) and door-to-door (D2D) shipment status updates.

- Enhances transparency and proactive decision-making.

- Ensures transparent communication with customers.

SUSTAINABILITY

- Provides tool to measure the carbon footprint of multimodal logistics activities.

- Utilizes the CarbonCare tool to make informed decisions based on accurate CO2 emission data.

- Collaborates with green-certified partners to promote a sustainable supply chain.

CARGO GATE | HANDLER GATE | START CITY | STAR TRACKING | ACS | carboncare REDUCE EMISSIONS

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CARGO START'S COLLABS

Cargo Start promotes a community-based approach, collaborating with various players in the air cargo and logistics ecosystem. We work closely with digital providers to integrate innovative solutions that enhance Connectivity, Visibility, and Sustainability.
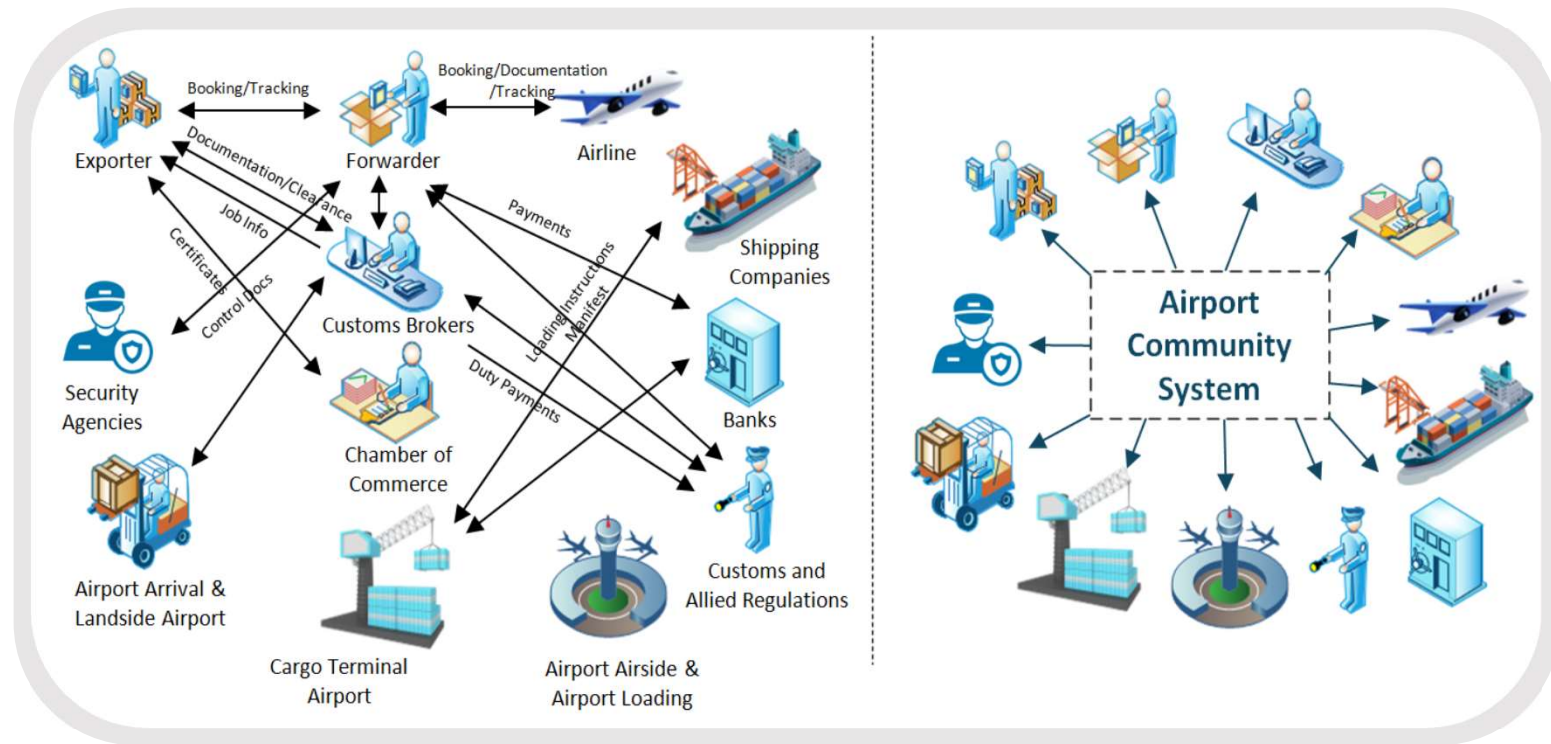
ACS PLATFORMS: COLLABORATIVE AIR CARGO IN ACTION

The **ACS (Airport Cargo Community System)** it is a digital platform which integrates all tools for:

Connectivity
Visibility
Sustainability

into a seamless
Single-Window solution.

EMBRACING COLLABORATIVE LOGISTICS

The implementation of ACS (Airport Cargo Community System) platforms will be a **game-changer**, providing a single entry point for all trade-related data and enhancing interoperability among stakeholders.

"Innovation isn't just about creating something new, it's about coming together to envision what's possible".

CARGO START

↗ Thanks

CONTACT INFORMATION

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Together we go digital!