

# Milos • Global Supply Chain Visibility

Milos® Global Supply Chain Visibility is an innovative and strategic modular solution designed for shippers, freight forwarders and customs operators to provide **end to end visibility, real time monitoring and early document** through a complete cargo and e-document **tracking and tracing and a full operations control**.

Furthermore, the integration with Milos® IoT Platform and its connectors allows to share logistic and security information as **digital data flow**, exploiting the potential of **automated procedures** across the international global door to door supply chain, supporting **Blockchain applications** and **smart devices** integration (Tag, e-seals, Container Monitoring Units). The suite is enriched by **Federative Services** that enable quick and easy interoperability among existing intermodal supply chain platforms, improving decision-making efficiency and optimizing operations.

Milos® Global Supply Chain Visibility is quoted within the **“Supply Chain Operational Visibility Vendor Guide” by Gartner Inc.** as a highly innovative and strategic modular solution for optimising freight transport, with a particular focus on **digitalised port logistics** and **real time information** from intelligent nodes among supply chain.

The suite aims at enabling global supply chain visibility through a complete cargo and e-document tracking and tracing with the following specific objectives:

- *Immediate, simplified access to data and services offered by all supply chain actors*
- *Reduction of operational costs, transit and dwell time, manual errors, complexity*
- *Process automation, efficiency thanks to integration with third parties' ERP system*
- *ESG, Sustainability and green solutions to gain insights on CO2 emissions, service quality, performances and report*
- *Integration of customs operations with internal procedures thanks to digitalisation of logistic process*



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## Customs innovative procedures

Milos® exploits simplified and digitalised Customs Procedures- Italian “Fast Corridor” (maritime, rail & road) and “Air Fast Transfer” (air)- fully compliant with the European Customs Code, exchanging services between national Customs Agencies, Ports, Airports and logistic operators. Goals are: costs reduction concerning import / export cycle, decrease of the permanence of goods in nodes, berth, hub, storage area, improvement of safety and cargo monitoring.

## Emerging technologies

The combined use of smart devices, IoT, innovative technologies (A.I., Digital Twin, Smart Contracts) guarantee the optimization and automation of document flows, leaving traces of operations and events occurring.

## Federated platform for transport execution

Milos® Transport Federative Platform is a software-based equipped with a dashboard for the active monitoring of the units and interoperable with the operator’s IT systems. Characterized by Application to Application interoperability, the solution includes a Mobile APP to allow the operational management of the orders received, the sharing of related events, as well as the uploading of documentary information or image.

## ESG Solutions

Carbon Footprint Federative Service is the ESG solution for automatic calculation of customer-specific multimodal supply chain. It is compliant with EU standard & ISO, available in SaaS, constantly updated and able to create custom dashboards and green reports.

## ERP integration & KPI dashboard

Specific connectors integrate Milos® GSCV with customers’ ERP systems enabling the development of specific dashboards for analytics & reporting, ensuring process automation and proactive approach

## International Fast & Secure Trade Lane

End to End solution aiming at optimising maritime, logistic & transport processes, simplifying and integrating information flows thanks to the use of Internet of Things and the application of notarisation (Blockchain- Smart Contract). The approach allows the digitalisation of documentary flows between actors involved through a direct dialogue between Countries, European and non-European Customs and Importer-Exporter.

## BENEFIT

- *Complete vision of the entire supply chain thanks to the implementation of a Digital Platform and IoT devices integration*
- *Operative, customs and security costs reduction thanks to the digitalisation of documental flows*
- *Reduction of costs connected to transport process monitoring activities and information and data control*
- *Improvement of the logistic process in terms of service quality and security level*
- *Transit and dwell time reduction*

## MAIN SUCCESS CASE

**Ikea** | Milos® Global Supply Chain Visibility suite dialogues with ports (Port Community Systems and TOS), Customs and other National Single Windows guaranteeing **real time information** about **status and positioning of goods** - integrated with **Customs and Port Security information** - and **certified data** arising from the use of IoT devices.

*Direct cost reduction per teu: -30%;*

*Paper reduction: -100%;*

*Shipped container’s volume increased over 80%*

**Sacmi Group (ItalianSPED)** | The development of an Unified Dashboard for real time tracking of multimodal transports, enables simplification of procedures, improvement of the efficiency of logistic process, and digital integration with supply chain partners.

**Sea Malpensa** | The Air Fast Transfer procedures enables decongestion of airport areas, resulting in a reduction of cargo dwell time in airport warehouses and transportation time, and contributes to increased security levels.

**Specific needs of Freight Forwarders and Customs Operators: MasterSPED® evolved platform and Supply Chain Federative Services.**

## MAIN SUCCESS CASE

**GDT Logistic** | Milos® Global Supply Chain Visibility suite provides the **automation and optimisation of information and documentary flows**: thanks to the new “Bill Listener” application, Customs documents received from the various parties involved in the logistic process are digitalised and the main functions are centralised on a single dashboard with a significant time and error reduction in the documental flow management.

## CONTACT US

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\*Circle Group's products and software solutions are compliant with the requirements of the European GDPR