

Intelligent Cargo: help to manage logistical and administrative rules during transport of goods



Experience the commitment®



Intelligent Cargo helps companies with their logistical and administrative rules concerning the transport of goods, regardless of the size of the load.

With the logistics sector in a state of contraction the route to success is clear. It points to intelligence that will streamline the flow of information around your business and conduct the good to their destination.

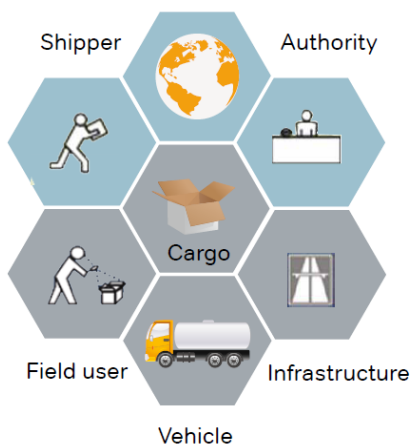
Cargo is the life force of our logistics and supply chain systems. Companies, industries and people depend on goods moving around the world to reach them safely, securely and on time. But are our logistics systems sufficiently equipped to serve the needs of the 21st century?

Many tracking solutions are designed to support very specific business processes and often have severe limitations as goods move across different business domains and modes of transport. The information available to organizations is therefore limited and affected by other organizations' processes. By integrating technology and intelligence into cargo, we can improve the efficiency of supply chains, reduce emissions and ensure product integrity and regulatory compliance.

CGI solutions for the logistics industry enable complete control over the supply chain. It streamlines information flow across business domains, lowers technical and semantic barriers and enables business process improvement.

WHAT INTELLIGENT CARGO OFFERS

CGI enables a neutral and decentralized ICT infrastructure that allows real world objects, new planning services including CO₂ calculation capabilities and existing systems to co-exist and efficiently cooperate at an affordable cost for logistics stakeholders.



Our vision for intelligent cargo items is to facilitate automated reactive decision-making and to integrate real-time information with planning processes to optimize environmental performances, including current information about traffic and transport infrastructure conditions.

Consider what happens when cargo supports the process instead of being silent objects.

WHAT ARE THE BENEFITS

- Increased efficiency, time savings and reduced costs as a result of higher load factors and streamlined administrative processes
- Improved quality and service
- Enables cost savings of up to 20%
- Supports collaboration between various logistics partners so that they work together as one chain
- Maps all goods and makes them traceable during transportation
- Supports track-and-trace in intermodal transport; route information about a load is available for the whole transport chain
- Monitors legislation and rules, customs formalities, and condition of cargo

- Vehicles talk to systems and to each other to synchronize movements and logistics operations across various modes and actors to become more efficient and lower CO₂ emissions;
- Logistics services adapt to changing conditions through dynamic planning methods involving intelligent cargo, vehicle and infrastructure systems;
- Services, resources and information from different stakeholders can be combined as an integrated part of an open freight management ecosystem.

TRANSPORT MANAGEMENT SERVICES AT WORK

We've been privileged to work with some great clients over our 35 years in business. Major intelligent cargo projects across the globe include:

- **EU Innovation projects:** We are proud to be involved in EURIDICE and the iCargo projects – to realize an intelligent cargo ecosystem that will establish the most advanced information services for freight transportation in Europe. EURIDICE, which stands for European interdisciplinary Research on Intelligent Cargo for Efficient Safe and Environmentally-Friendly logistics, is co-funded by the European Commission..
- Examples of current pilots:
 - **The Cold-Chain:** Smart sensors constantly measure load temperatures, report them from start to finish, and include the details in the ERP system. Transport companies can take action remotely to prevent damage to perishable goods.
 - **Emissions monitoring:** Factors that influence the environment are measured throughout the transport chain, shared, and reported. Allows multimode transport to be optimized based on emissions values.
 - **Real-time asset management:** Track-and-trace of multimode transport. All products can be traced by the client, including their respective transportation conditions.

ABOUT CGI

Founded in 1976, CGI is a global IT and business process services provider delivering high-quality business consulting, systems integration and managed services. With 68,000 professionals in 40 countries, CGI has an industry-leading track record of delivering 95% of projects on-time and on-budget, aligning our teams with clients' business strategies to achieve top-to-bottom line results.

For more information about CGI, visit www.cgi.com
or email us at info@cgi.com.