

Product Information

Descartes Cargo iQ™



Enabling Compliance with the IATA Cargo iQ Initiative

Electronic messaging has been a part of the air cargo transportation industry for nearly a decade, but a lack of generally accepted standards had limited the benefits for all involved. To realize the expected efficiencies and reduced costs, the International Air Transport Association (IATA) launched the Cargo 2000 initiative to set the rules for agreed business processes and automation standards within the air cargo industry. Building upon the success of Cargo 2000, the program was renamed to Cargo iQ to develop new benchmarks as well as an improved data management initiative called the Smart Data Project.

Descartes Cargo iQ™ fully supports the IATA initiative and is an authorized and fully certified member of Cargo 2000, an IATA sponsored special interest group. Descartes Cargo iQ, formerly called Descartes Cargo 2000™ or Descartes C2K™ solution, allows users to monitor shipments at a master air waybill level from airport to airport, assisting users in complying with Cargo iQ certification. Information provided by the system includes quality report compilation, shipment status, exception alerts, route map creation, and departure time reporting. This information enables better decision-making for fulfilling customer expectations and ensures standardized processes for improved service levels.

Messages exchanged between the Cargo iQ participants are collected, classified and stored on a Cargo Data Management Platform (CDMP). All messages and a route map are stored for the generation of reports and statistics. Descartes Cargo iQ leverages the power of the Descartes Global Logistics Network™ (GLN), which connects thousands of supply chain participants worldwide.

Monitor Shipments from Airport to Airport

Descartes Cargo iQ helps companies make better decisions in fulfilling customer expectations and standardize processes for improved service levels.

Potential Benefits

With Descartes Cargo iQ, customers can :

- Create "result" reports
- Facilitate official Cargo iQ certification
- Identify problems occurring throughout the transportation process
- Improve air transport data quality and add to overall levels of customer service
- React swiftly to exception alerts
- Leverage Descartes Global Logistics Network™ (Descartes GLN™) to distribute and better manage and transmit information

DESCARTES™

Cargo iQ

Leading carriers & forwarders require solutions to increase data quality throughout the air cargo supply chain.

Features

Monitor Shipments. Track shipments and partial shipments from one origin airport to one destination airport. Use data from agents such as the air waybill, and data from airlines like freight booking, route planning and status information.

Monitoring Events. Monitors messages shortly after defined events to comply with Cargo iQ initiative. Automatically matches route map milestones against actual event timing. Stores events, either their success or failure, in the route map statistics. Prompts for immediate resolution on failure alerts and stores them in queue for corrective action.

Quality Assurance. Consolidates status data of multiple route maps to obtain statistical data about transportation quality. Evaluates status of selected shipments, status of active shipments, and overall status summary for selected participants (airlines/ agents and/or stations within a given time interval).

Route Maps with Milestones. Uses route maps to describe transportation milestones from origin to destination. Stores ground handling offset times per airline and per airport to define milestones for the shipment. Creates a route map for each shipment (air waybill) based on the times given in the booking messages combined with necessary handling times.