



Innovation. Automation. Analytics.

Shipping industry is the lifeline of global trade handling over **80%** of the total volume of world trade



Enhance your customer-centricity,

achieve higher operational efficiency and generate new revenue opportunities

The shipping industry is complex with sub-areas such as transportation, inventory, warehousing, material handling, packaging and security. The ever-changing global economy, fuel price instability, just-in-time requirement of customers, and the necessity of cost-effectiveness add to the complexity of the ecosystem. Enabling faster time-to-market and maintaining a pricing advantage has become critical to organizations to remain competitive. To ensure sustainable operational excellence drives the need for new process efficiencies and revenue streams.

Key Challenges of the Shipping Industry

- High Inventory Cost
- Fluctuating Freight Rates
- Low on Innovative Service Offerings
- Lack of workforce Analytics Capability

Innovation, Automation and Analytics

The key to reducing inventory levels and costs, ensuring timely service delivery and effective risk management

With more than 15-years of experience in delivering innovation and business excellence across the entire spectrum of the travel and transportation domain, InterGlobe Technologies (IGT) provides integrated IT-BPO solutions for the Logistics industry, with a single interface to manage all outsourced services.



IGT Capabilities

- Project Management, Shipping & Logistics Consultancy
- IT Design & Development
- Testing Services
- Mobility Services
- Business Process Outsourcing
- Technical Documentation
- BI, DW & Analytics
- L1 & L2 Technical Helpdesk Support



IGT Solution for Innovation

Active Temperature and Humidity Monitoring Solution

It is very important to constantly monitor environmental parameters like temperature and humidity when certain classes of cargo/commodities are shipped. Any variation in these parameters impacts the packaging, delivery and shipment of perishable goods, making it very critical to monitor them. However, every container could be connected to a remote system enabling easy monitoring of any or all environmental parameters using technologies. IGT's solution simplifies the architecture of Internet of Things (IoT) and incorporates technology and innovation to minimize damages and the cost associated with lost/damaged goods.



Enabling IoT penetration into the cargo industry

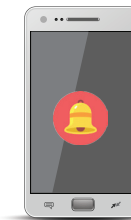
- IoT device has provisions to attach external sensors for monitoring various environmental parameters
- The device can be easily configured to interact with back-end systems
- It relies on external power source and wireless internet connection for its operations



IoT device with temperature and humidity sensor mounted inside the container

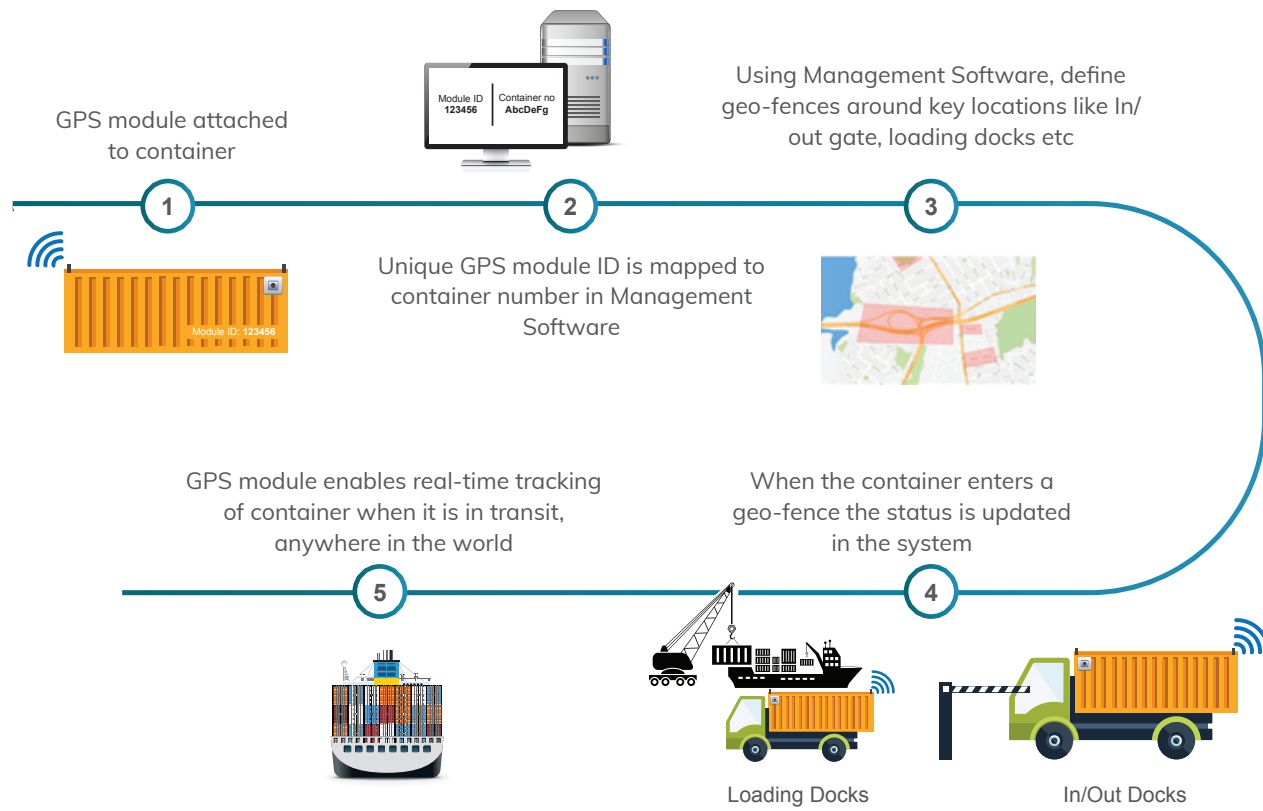


IoT device sends periodic temperature and humidity readings to the server



Notifications received on device. Current temperature & humidity reading can be checked at any time from the app

In case the readings cross the upper and lower thresholds of acceptable temperature and humidity, the server sends a Push notification



IGT Solution for Automation

It is important to track and trace shipments in real-time to identify their position and track their journey. The data is needed for warehouse inventory management, loading dock planning and optimizing all cargo processes to provide a competitive edge along with profitability and growth. Every organization constantly strives to maintain optimum inventory to be able to meet its requirements and avoid over or under inventory that can impact the financial figures. IGT's automated solution uses a combination of technologies like GPS, RFID or beacons to help identify and track shipments & manage key operations efficiently.



IGT Solution for Analytics

The shipping industry is highly complex mainly due to its large scale of operations. Shipping companies need to process large volumes of transaction data in real-time to not only gain visibility across the supply chain but also improve strategic decision making and deliver more efficient customer service. IGT offers a strategic analytical platform that provides 360-degree insight into operations and helps analyze data by different dimensions, time, agent, commodity, category, region and unit.

Enterprise Data Warehousing



Import-Export Data Analysis



Revenue Analysis



Peak-Time Analysis



Warehousing Analysis



Tonnage Analysis



Booking Analysis

Key Dimensions

Location | Sector | Time | Ship Type | Commodity | Route | Agent

Why IGT

Pure-play Travel & Logistics Company: IGT is a pure play travel & logistics technology company generating 100% of its revenue from the travel industry by providing integrated technology solutions and services on Information Technology (IT) and Business Process Outsourcing (BPO).

Demonstrated Capability: Achieved CSAT score of 85% and quality maintained at 90% for a leading cargo company.

IP Ownership: The systems developed are the Intellectual Property (IP) of the clients for which they have full ownership including the source-code and the documentation. The clients have the option of running the system on their own or engaging vendors to provide support services.

Technology Centre of Excellence (CoEs): The various CoEs of IGT offer technology-focused Logistics & Shipping IT solutions, reusable assets, tools, methodologies, and best practices, to provide effective solutions for higher productivity and cost savings.

Solution Accelerators: IGT has developed solution accelerators built on a robust platform and having the flexibility to be changed as per the client's business need.



IGT Solutions

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