



**The gNarus Cargo Management Framework by GlobalTrak is the most complete, flexible, affordable supply chain management and cargo tracking information system**

**How it works**

Place a GlobalTrak® asset monitoring unit with your intermodal shipment. The unit will communicate via satellite or cell the shipment location, condition, and security to a user-friendly, Web-accessible portal called the Information Management Bureau (IMB). Because GlobalTrak relies on publicly available global communications networks, no additional infrastructure is required.

- The IMB reports and sends alerts on shipment transit events, electronically attaches/publishes shipping documents, and can manage RFID-tagged inventory
- Electronic seals and sensors provide cargo security and total Chain-of-Custody
- It facilitates completion of Customs forms such as the ISF by providing a common platform for supply chain partners to list consolidators and show packing lists.
- The IMB can publish purchase orders, invoices, or any other documents between partners.
- The IMB operates as an On-Demand service, so requires no investment in cost or time for installation of software platforms for you or your suppliers.



**gNarus Framework provides real-time supply chain visibility and security provide tangible business value and rapid ROI**



## GlobalTrak brings global cargo visibility information directly to your desktop 24/7

- **Total Visibility:** Real-time route information lets you see critical cargo and fleet status
- **Exception Handling:** Automated reports and alerts for exception conditions allow timely response to problems and corrective actions in real-time so problems are corrected quickly
- **Damage & Spoilage:** Cargo condition sensors tell you if the shipment will arrive ready to go on the shelves with required quality and can identify accountability for damage or spoilage en-route
- **Enhanced Security:** Electronic security seals and sensors tell you if and when tampering or theft occurs from origin to destination, 24/7. Chain-of-custody secures shipment and report unauthorized access
- **Real-Time Inventory Management:** Integrated RFID technology provides positive inventory control regardless of location in the global supply chain creating a "Virtual Warehouse" concept

## The gNarus Framework Value Proposition:

### ➤ Direct Financial Benefits

- ✓ Reductions in finished good inventory due to reduced transit time
- ✓ Faster customer billing cycles and reduction of A/R aging due to real-time delivery confirmation
- ✓ Reduction in inventory carrying costs
- ✓ Reduction in shrinkage through damage or theft
- ✓ Reduction in container/trailer fleet size and loss
- ✓ Reduction in spoilage for cold chain and perishables
- ✓ Reduction in insurance premiums, deductibles, and value caps
- ✓ Reduction in safety stock requirement/out-of-stocks
- ✓ Increased manufacturing uptime to reduction of JIT variance of raw material and components
- ✓ Reduction customs clearance time
- ✓ Reduction of cargo inspection/examination fees
- ✓ Reduction in expedited shipping/exception handling costs
- ✓ Reduced transit time/cargo delays and demurrage costs
- ✓ Increase in automated handling and financial functions
- ✓ Fleet Tracking ROI factors - reduced mileage/fuel, driver overtime, improved safety, maintenance,
- ✓ Business process automation allow fewer staff to be focused on critical problems
- ✓ **Increase in top-line revenues and EBITDA**

### ➤ Other Benefits

- ✓ Improvement in product quality due to mishandling monitoring and accountability
- ✓ Convenient trade partners and supplier collaboration platform
- ✓ **Improved customer service and customer satisfaction**

For further information on bringing GlobalTrak supply chain benefits to your company, contact:

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