



## ICLogistics: Defense Logistics and Modern Warfare

### OVERVIEW

Today's Department of Defense (DoD) is placing a high priority on optimizing logistics operations, compressing response times, improving service and reducing investment in inventory. Side-by-side with these goals is its movement toward a distribution-based system that delivers capability rather than equipment to the battlefield. These aims reflect changes in the world environment, reduced military budgets, and the availability of technology that can help DoD do more with less.

ICLogistics provides the connectivity required to accomplish the US Military's goals in an inexpensive and easy-to-use format. It delivers significant cost savings, international reach, DoD level security and an unprecedented level of access to supply chain information by combining a business-to-business (B2B) technology model with a patent-pending process for exchanging information, inventory and supply chain data. ICLogistics combines Web-enabled processes and technologies with the integration and information management capabilities of enterprise resources planning (ERP) to power full supply chain integration and superior information availability.

### MEETING TODAY'S CHALLENGES

**Total Visibility:** ICLogistics' products can provide total visibility of key assets or repair equipment across the Forces, regardless of what software systems are being employed in the different Forces. This allows for rapid response on high priority missions, where assets may need to be assembled from a variety of Forces. ICLogistics products can handle the necessary requisitions in a secure electronic format, cutting down on lead times and response times, and also track the movement and facilitate the return of these assets (reverse logistics).

**Demand-Sensitive Distribution:** The ICLogistics product suite can assist the US Military in moving from a push system to a pull system, by constantly updating demand information from the battlefield or remote units. This allows for the shipment of goods only when they are needed, optimizing logistics operations and reducing investment in inventory. An optimized pull system is critical for mobile units, with limited ability to store goods and the need for compact operations.

**Combat-Loaded:** Employing radio frequency identification (RFID) technology, ICLogistics

products can support the deployment of combat-loaded vehicles and vessels, by unit and priority, to decrease off-loading time and improve combat readiness. They can replace the current type-written manifests on containers with scannable RFID tags that optimize the identification and tracking of equipment and resources.

**Inventory Management:** When goods are shipped out of a distribution center, ICLogistics software can automatically update the inventory system and request an automatic restock from the supplier, when inventory falls below a certain pre-defined level.

**On the Battlefield:** Mobile devices can be used in conjunction with ICLogistics software to enhance success on the battlefield. In urban warfare scenarios, soldiers could log into a secure server to access satellite broadcast maps of city layouts. These layouts could be populated with locations of other units. The mobile devices could be used to track movements on the battlefield, relay information about changing conditions (in real-time) and even provide information about injuries and casualties.

### ICLOGISTICS: PROVIDING THE RIGHT PEOPLE, THE RIGHT INFORMATION IN REAL TIME

- Improving real-time, secure access for partners that "need to know";
- Restricting sensitive information;
- Enabling the use of supply chain technologies like inventory management;
- Integrating mobile devices and new technologies to gain key information from the field; and
- Increasing data sharing across a variety of software platforms.