



>> E2E: End-to-End Supply Chain Visibility, Security and Effectiveness

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Technology and information are essential for a successful container and port security strategy. EDS Next Generation Cargo and Port Security is an end-to-end solution that collects, synchronizes and analyzes data and provides secure communication of intelligence. It draws on our extensive global experience with homeland security and transportation, and addresses security exposures of a broad range of business activity passing through the supply chain.

EDS Breakthrough in Cargo and Port Security: PCS and VOC

The value-adding combination of original source data in a Port Community System (PCS) and the data aggregation and display capabilities of a Virtual Operating Center (VOC) provide real-time visibility of transport shipments, assets, personnel and events. The PCS provides high quality original source data from land, port and sea operations, and EDS built and maintains a PCS in the Port of Valencia to overcome the complexity of sea port information flows from a fragmented industry with a large number of players. EDS developed Virtual Operating Centers to aggregate and display critical decision support data for response to operating incidents, emergencies and security alerts, and VOCs are being used by the U.S. Maritime Administration and the City of Anaheim.

Your business challenges

Nations around the world face a significant and persistent security risk: cargo containers entering and departing the country at ports and borders. Ocean cargo container security ranks as the No. 1 concern among executives responsible for supply chain operations at the largest global import and export companies, according to a recent report from global management consulting firm A.T. Kearney. Container shipments account for 90 percent of world trade, are growing at a 5 percent compounded annual rate, and an average of about 14 containers come into U.S. ports every minute. Today, about 95 percent of these containers are not inspected for weapons of mass destruction or other types of security threats.

How we can help

EDS' Next Generation Cargo and Port Security solution increases visibility, security and efficiency of shipping operations by centering on global supply chain security vulnerabilities, including the monitoring of goods, shipments and supplies, people, funds and data. By leveraging our commercial and government best practices and proven experience, EDS has created a solution that tracks exceptions to daily operations and processes, provides access for multiple agencies and supply chain players to consistent and synchronized data and raises real-time alerts for more refined decision-making. Built on a flexible, extensible IT platform, the solution provides secure communication, data synthesis, business intelligence and risk analysis.

What you can achieve

For governments and port authorities, the solution:

- Enables immediate and appropriate response to security exposures
- Supports government mandated port and cargo security compliance
- Pre-empts, minimizes or eliminates threats and associated loss
- Reduces uncertainty about shipments and transportation assets
- Enables effective communication, coordination and data analysis across the supply chain's commercial and government players
- Integrates port-wide operational and security capabilities
- Improves situation awareness



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For transport carriers and shippers, the solution:

- Optimizes capital investment in fleet and facilities
- Realizes operating efficiencies in load planning, load balancing, fleet utilization, reduced back-haul empty and reduced waiting time at shippers' docks and receivers
- Reduces risk of loss and damage and associated insurance costs
- Increases cost competitiveness by eliminating paperwork and tracking goods and shipments

Making security the No. 1 priority

EDS' Next Generation Cargo and Port Security solution provides actionable, time-sensitive intelligence to increase the visibility, security and efficiency of shipping operations for governments, carriers and shippers. It is bundled as a comprehensive business architecture solution, including strategy, organization and staffing, policies, procedures and practices, data and application management, IT infrastructure, data center management, freight logistics sector-specific technology and security-specific technology.

Next Generation Cargo and Port Security is a balanced solution focused on achieving key commercial and government objectives for economy, efficiency and effectiveness in operations such as rapid cargo throughput and turnaround of vehicles and vessels, profitability and return on investment, uninterrupted commerce and absolute security. This solution benefits a broad range of entities, including freight logistics enterprises, shippers, supply chain partners, government, shippers' associations, lenders and insurers. The solution reduces the uncertainty about shipments and transportation assets with more reliable information on the location of shipments, transport conveyances, vehicles and other equipment. It provides the status of shipments, fleet and equipment in such terms as safe to ship, on time, delayed, set out enroute, lost, damaged and destroyed.

Why EDS?

Intermodal transportation of cargo and goods from international ports to domestic ports and through national transport networks brings increasingly complex circumstances for rapid movement of goods, security, location tracking and risk assessment. EDS brings together world-class experience from transportation, cargo security and support to border, customs and law enforcement agencies to meet the many operational and business challenges of sea ports and inland traffic around the world. EDS has robust global resources and service delivery capabilities to all levels of governments and transportation providers. We have more than 40 years experience serving commercial and government clients and 25 years serving transportation clients around the world, with 117,000 employees in 60 countries. EDS is a leader in systems integration, enterprise-wide solutions and application development, with proven solutions and services that deliver and sustain business results for our clients.

EDS. Technology services. Business solutions.

We help clients improve their systems and processes so they can become more productive, manage change and thrive.

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