



HORIZON Transportation Management System



HORIZON
SERVICES GROUP
TRANSPORTATION SOLUTIONS



What is the Horizon System ?

- System is a **global** container transportation management and visibility tool covering all components of container handling.
- Core is the Shipment folder: **a central data repository**, the back bone to this system.
- Creates **efficiencies** and visibility for Carriers, Terminals, Operators and Shippers.
- Interfaces with **multiple** systems and business processes.
- **Complex** operational systems, tracking, alerting and reporting tools for containers, Container Tracking System. COTS, Web based.
- Handles millions of weekly transactions, data flow from all global carriers, international ports, terminal operators, rail roads, customs.
- **Highly Scalable** – Big or Small.

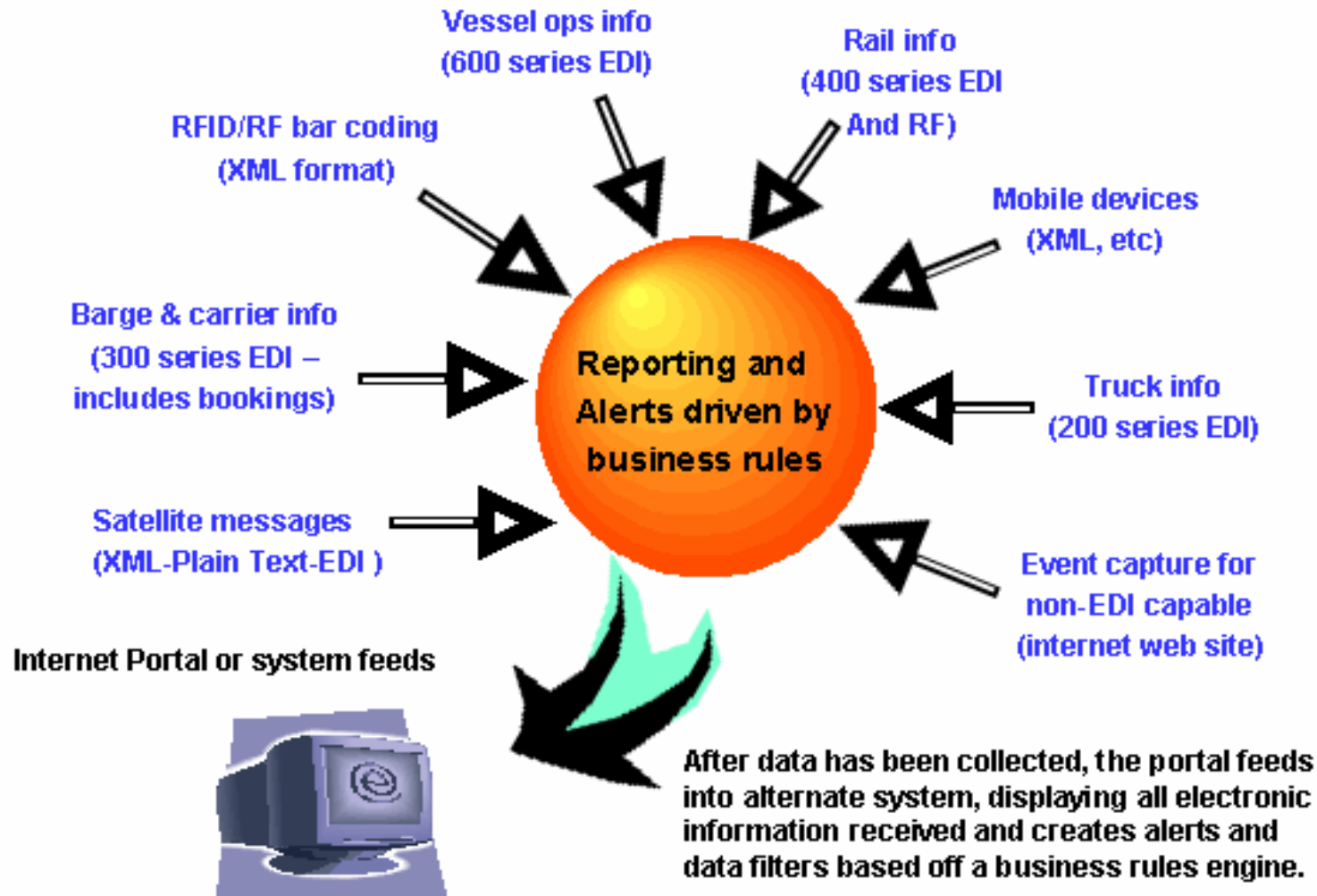


Horizon Global Experience

- In building our systems, teams worked with over **150 global locations** and cultures to analyze process improvements, opportunities, benefit areas and process/system interfaces.
- The Systems were built around a transportation process model created by 2 of the big 5 consulting groups and incorporated input from over **45 process-engineering groups** around the globe.
- The Horizon System was used by **major centers** for data and shipping production in Hong Kong, Felixstowe, San Juan, Cork, the Philippines, Atlanta, Dallas, Tokyo, Nhava Sheava, and Taiwan, among other locations.
- The System handled **millions of weekly transactions** for Sea-Land, multiple EDI feeds from global carriers and multiple EDI data exchanges with world-wide operations groups including ports, terminals, shippers, railroads and truckers.



Current and Emerging Data Feeds Into Horizon System





Benefits

- Approximately **\$100 million** has been invested in the state-of-the-art Horizon System.
- The Horizon system allows regulatory agencies and authorities to gain access to **data earlier and faster** in the shipment cycle to allow for proactive security measures.
- Horizon System was built and **designed to speed up the supply chain** and to automate data flow and transactions.
- Implementation of such a system would not impact the flow of goods or impact shippers' supply chains. If anything, implementation of the System would **help speed up** the movement of cargo and improve security of the supply chain.
- The aggregated data compiled in the Horizon OMS from the various sources may be utilized by various agencies to **validate shipment information**, such as verifying compliance with AMS reporting.



Benefits (contd.)

- Horizon System reaches deeper into the supply chain than simply the port gateways; it has the ability to manage container movements across the **inland US networks**.
- Has proven capability to implement and integrate with **multiple carriers** across multiple modes of logistic networks.
- **Fully scalable** for both business volume and global reach.
- Horizon Systems are designed in a way that leverages maximum **data-accuracy**, information and data management.
- Horizon Systems leverage best-in-class technology and **supports global standards**.
- Horizon supports **multiple technical systems**, i.e., wireless, fax, e-mail, web, etc.

Horizon Services Group has the manpower, systems and resources to immediately ramp up a project showing prompt returns on investment.



Horizon Technology

➤ Software Technologies

– Presentation Layer

- Visual Studio.NET 2003 (ASP.NET)

– Middle Layer

- VB.NET
- Microsoft Message Queuing (MSMQ)
- MSMQ Triggers
- Web Services
- SQL Reporting Services

– Data Layer

- SQL Server 2000
- SQL Server Replication
- Data Transformation Services (DTS)

➤ Hardware Technologies

- Light Industrial Mobile Computers
- Tablet PCs
- Integrated Digital Cameras
- Integrated ID Card Readers
- Websites for PDA platforms
- Integrated Handheld Barcode Scanners
- Integrated VOIP Applications



Contact Us Today to Discuss Your Transportation Technology Needs

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