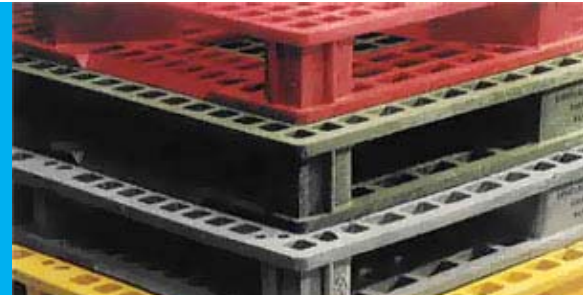




INSYNC
SOFTWARE INC
1.408.352.0600
contact@insyncinfo.com
www.insyncinfo.com

iApp Applications – Returnable Container Tracking and Management

Returnable Container Tracking



As greening of the supply chain has increased the use of Returnable Containers, the ability to effectively manage this process has come into question. Industry analysts estimate that companies spend \$637M in replacing lost or damaged containers alone. 76% percent of companies that adopt returnable container solutions report that lost, damaged and stolen containers have a significant impact on desired ROI. InSync answers the call of logistics managers to improve management of reusable containers; using RFID to manage a world-class process at the individual container level.

InSync's Solution Addresses:

- RFID tagging of returnable containers
- Ship/receive/maintenance of containers
- GPS and grid-based location of containers in-transit
- Associating container contents and bills of materials
- Automated eBusiness transactions for partners and customs
- Ability to maintain consistent maintenance and cleaning schedules








InSync offers a complete Returnable Container Track-and-Trace solution for businesses that face this challenge. The solution leverages RFID tags (passive, semi-passive, or active) for container identification and understanding its location and condition. InSync's solution adds the container's information such as contents, manufacturer, rental information and cleaning/maintenance schedules to facilitate the management processes. Each container's entry to and exit from a facility is recorded by RFID installed at dock door antennas, or antennas positioned along side receiving conveyers.

InSync's solution provides a real-time dashboard view of a containers

Application Benefits:

- Reduce container shrinkage levels
- Increase availability of containers
- Fine-grain, real-time visibility of container and product movement
- Accurate liability determination and risk identification
- Minimize data entry errors and improved data integrity
- Automation of ASNs, receiving, PO, based on the container's location

Software Features

-  Mobile application support (handhelds, PDAs, cell phones)
-  Seamless connectivity to RFID, Barcode, GPS, handhelds and sensors
-  Automated alerts for management of maintenance histories, replacement schedules and more
-  Award winning look and feel, including easily customizable real-time dashboards
-  Web-based commissioning of applications to locations and mobile devices
-  Comprehensive functions library and pre-defined workflows allow users to deploy easier and faster than ever
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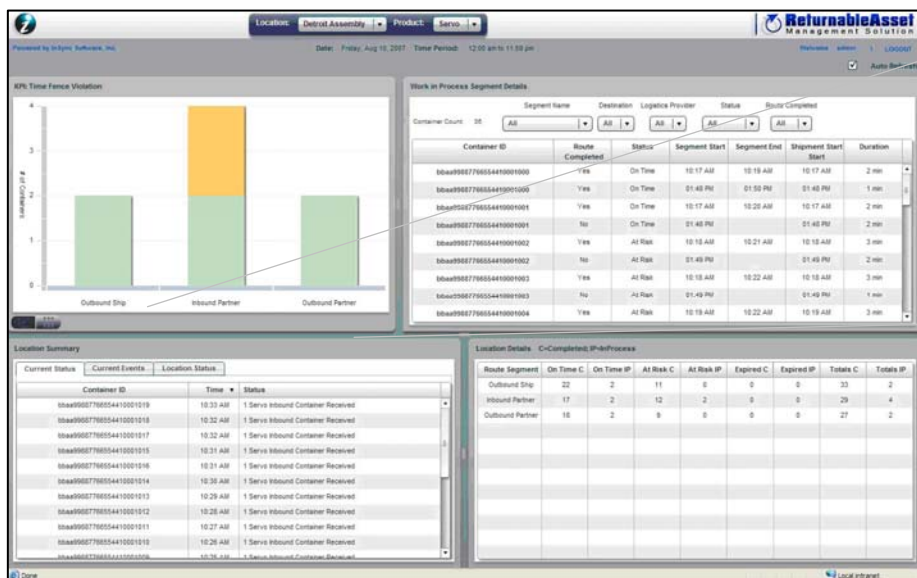


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location and movements as well as relevant events. Because the solution is fully web-based, information can be accessed from anywhere, including using mobile devices such as a PDA. Using the solution, process owners are always aware when a container is received, unloaded, and returned. If a container deviates from an expected route or schedule, alerts are triggered and the proper process owner is alerted, allowing for corrections to be made proactively.

When containers are returned to the manufacturer, they are scanned upon arrival. InSync's solution verifies the ID of the containers and is able to automate business processes based on its location and the transaction expected there. In the case of loss or damage to a container, the chain of custody can be queried to the last accountable party for resolution.

InSync's solution informs process owners when containers are due for maintenance, are past due, or if damaged, which party is liable. The solution keeps a detailed history of the container's movement and events, and this record can be instantly searched and referenced for product traceability, performance metrics and other KPIs.



As containers are shipped and received, movements are reflected in the dashboard. Containers past due or with product at risk are highlighted to alert process owners

Detail for each location is available, allowing for process metrics and billing verification. Each location view is configured by the admin to ensure they view only the data they have permissions for and that is relevant