



RFID supply chain solutions



- PORTS AND TERMINALS • TRANSPORT AND DISTRIBUTION •
- PRODUCTION LINE AND PARTS •

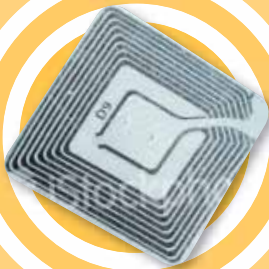
Real-time data capture solutions to get the most from your operations and operational software

Radio Frequency Identification (RFID) has evolved as a major technology enabler for tracking goods and assets around the world. ITS have been implementing RFID solutions in the supply chain since 1988.

RFID integration the power behind effective process management

Using RFID ITS can help service providers to locate expensive equipment more quickly, increase security and improve the management of moveable assets.

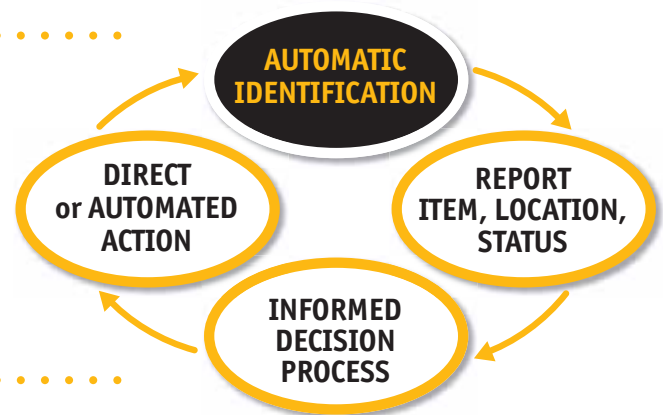
ITS can also provide efficiencies in the supply chain by tracking goods at any point in the process, from the point of manufacture through to the retail point of sale (POS).



Remote real-time monitoring and resource management

Not only can RFID be utilised in traditional supply chain and access control applications, ITS can also employ RFID in wider areas such as asset tracking and management. In conjunction with other technologies ITS can apply RFID to remotely sense objects, determine their identity, track their position and detect properties such as pressure, temperature and tampering.

Automated monitoring and reporting for in transit goods and assets, transport vehicles and production line tracking



RAIL TRANSPORT

- Customs free zones
- Freight distribution depots

Multimodal tracking for containerised and break bulk cargo. Automatically identify the locomotive and wagons in the correct sequence as they enter the yard. Track and record the locations of stored cargo in the yard. Automatically monitor and report what is loaded onto each wagon.

- Track and monitor vehicles and equipment
- Report cargo loading

ROAD TRANSPORT

- Distribution Hubs
- Freight transport
- Third Party Logistics (3PL)
- Parcels delivery

Using low cost RFID ITS can automatically and uniquely identify the entire fleet at critical stages of the operation. When arriving at the gate, trucks and trailers can be automatically identified and processed reducing gate waiting time. Trucks and trailers can be identified instantly, uniquely and automatically on the loading docks when they dock. Track from depot to hub, with full inventory availability of what trailer is where and which trailers are in transit.



SHIPPING TERMINALS

- RO – RO / LO – LO
- Containers
- Break bulk
- Vehicle import/export

ITS systems keep track of cargo movement across some of the world's busiest ports and play a key role in helping to ensure that goods don't get misplaced and arrive on time.

ITS can integrate RFID and GPS technology within a RTLS (Real Time Location System) to automatically keep track of every mobile on site and monitor the storage and retrieval locations for containers or cargo chassis/trailers.

Vehicle import/export; using a gated compound or a mobile inventory vehicle ITS can automatically scan and report the storage location for vehicles tracked from the moment they come off the ship.



MANUFACTURING

- Production line
- Part finished products
- Pre shipment storage

Monitor and track products through their production cycle. From steel coils and washing machines to spare parts and trucks, electronically store, retrieve and update critical production and life cycle information securely. Automatically identify storage locations for part finished products or finished products awaiting dispatch. Track and report the location and dispatch and arrival of roll cages, pallets and custom stillages.

ITS can provide increased labour productivity gains through data and process automation and have extensive experience in the application of RFID, GPS and access technology within an industrial and mobile environment. The relatively low cost and good return on investment (ROI) allows a high degree of customisation of solutions to meet client's specific needs. ITS can provide solutions for stock identification, unit-load tracking, automated logging of vehicles on / off and around site, access control, asset monitoring and many other logistics based applications.

To discuss your requirements or for more information on real-time data capture or other ITS solutions please contact us or visit our web site.



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