

RFID Enabled Port Security

SOLUTION BRIEF RFID ENABLED PORT SECURITY

Real-time Tracking of Vehicles, Drivers and Container Contents

RFID Enabled Port and Yard Security Solutions

The Intellex RFID solution for port and container yards provides real-time tracking of vehicles, drivers and container contents within the yard.

Do You Need a Better Solution to Track Incoming and Outgoing Vehicles?

Manual check-in/check-out processes can cause errors and delay in the tracking of vehicles, especially during peak times when vehicle backlogs often occur. Some vehicles might be missed altogether and vehicle IDs can be logged in error.

Do You Need to Track Drivers Entering or Leaving the Yard?

Security at a yard is dependent on knowing who enters and leaves the yard at any given time. Manual check-in procedures or visual acknowledgements don't always track individuals accurately.



Automatically Verify Container Contents

Do You Need a Way to Automatically Verify Trailer and Container Contents?

Whether to supplement physical inspections or to validate container contents, having an easily accessible e-manifest can not only save time, but also prevent fraud and tampering.



Vehicle and Driver Matching

Vehicles tagged with Intellex RFID tags can be tracked automatically as they move in and out of the yard. Intellex readers located at key checkpoints provide instant visibility to what is leaving and entering the yard, as well as its location within. In addition, Intellex badge tags on drivers allow you to track driver movement and match them to the vehicle.



Automatic Driver-to-Vehicle Matching

Secure e-Manifests

Trailers and containers tagged with Intellex's extended memory tags can not only be automatically tracked throughout the yard, but can also contain a secure electronic manifest directly on the tag itself. This helps to validate physical contents and prevent tampering.

Your Solution to Improved Visibility and Operational Efficiency

The Intellex RFID solution for port and container yards is a complete package for tracking vehicles such as trucks and trailers, drivers, and container contents. The Intellex solution integrates the power of RFID with your existing systems to produce an integrated system for real-time visibility.

Robust Operation

Intellex solutions are designed to operate in real-world environments which can present a problem for ordinary RFID. The Intellex system is designed to read over long distances and is built to withstand outdoor conditions such as moisture, heat and dust.

Intellex RFID Platform Features

- Extended range - up to 50 meters
- On tag memory - 64Kb total/60Kb rewriteable
- Designed for challenging environments such as metal and outdoor
- GPIO interface for external device integration
- Network ready; XML interface
- Multiple tag form factors
- Standards-based infrastructure



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