



## Tracking Assets to Prevent Delivery Errors and Lost Equipment

### What is the value of tracking assets with RFID?

Asset tracking solutions from Cisco and OATSystems use active-RFID for real-time asset control in the plant, eliminating the delays, errors and omissions of manual tracking. Asset tracking automatically monitors pallets, dollies and shipping containers as they move through the supply chain; it reports arrivals and spots deviations instantly. Manufacturers can know where their assets are at all times through the combination of OATSystems' technology and Cisco Context Aware Mobility solution that includes the Cisco's Unified Wireless Network and MSE 3300 Series Mobility Services Engine.

## Streamlining Work-in-Process and Accelerating Output

### How does active-RFID speed up work-in-process?

Implementing active-RFID in the production process helps provide real-time product and asset information and an accurate, complete record of components and assemblies as they come together into a finished product. The asset data collected as items move through production stages, is linked with data from testing and quality control systems to provide a detailed, auditable history of manufacturing activity.

The Context-Aware Mobility solution offered by Cisco and OATSystems helps manufacturers leverage the Cisco Unified Wireless Network to automate inventory and work-in-process tracking, resulting in improved operational efficiency, increased employee productivity and lower costs.

### What Problems Do These Solutions Help Solve?

Today, manufacturing is complex and demanding with high product mix and shorter time to market. Parts and work-in-process inventory are constantly on the move. Not being able to locate parts and tools increased cycle time and causes production disruptions. Such critical breakdowns significantly affect the supply chain as a whole. Often these breakdowns stem from many challenges that confront today's manufacturing companies including

- Lack of visibility of critical assets
- Unsatisfactory service resulting from long waits and wasted time looking for assets
- Poor order accuracy
- Inefficient warranty parts tracking
- Increased inventory

## What are the Benefits of the Context-Aware Mobility Solution for the Plant and Warehouse?

Cisco and OATSystems solutions offer the following benefits:

- Increased visibility into manufacturing assets enables optimal inventory management
- Faster order fulfillment timelines improve customer satisfaction
- Rapid deployment and low TCO by integrating with existing WLANs
- Improved efficiencies throughout manufacturing and the supply chain, due to faster, more accurate automated exchanges for work-in-process
- Secure, accurate inventory management systems capable of locating and tracking thousands of tagged items

### Why Cisco and OATSystems?

Together, Cisco and OATSystems deliver market-leading asset visibility and work-in-process tracking solutions that enable companies to save time and costs, improve productivity, reduce cycle times, minimize mistakes and simplify operations.

### For more information:

[www.cisco.com/go/manufacturing](http://www.cisco.com/go/manufacturing)  
[www.intermec.com](http://www.intermec.com)