Asset Tracking

OATSystems' RFID Solutions give you a new level of control over your supply chain processes, providing you with detailed visibility into asset movements and asset utilization across facilities and trading partners.

Get Real-Time Visibility into Asset Movement and Utilization

OAT Asset Tracking solutions leverage RFID technology, enabling you to tag, track and instantly locate assets, contents and component parts across your entire supply chain.

Transform Your Supply Chain by Automating and Error-Proofing Business Processes

Asset management has never been more complex. It's more challenging than ever to track asset movement and utilization across company facilities, 3rd-party logistics firms and trading partners. Yet for most manufacturers, asset tracking remains a manual, error-prone process, resulting in high labor costs, asset shrinkage, shipping errors, manufacturing outages, incorrect orders, and dissatisfied customers. **Shipping error rates between 1-3% and annual asset shrinkage rates of 10% are the industry norm.**

Clearly, there's room for improvement, but adding more labor or retooling manual processes isn't the answer. Automating asset tracking and component tracking processes with RFID gives you the visibility, insight and real-time agility to error-proof manufacturing and logistics processes, from the shop floor to the sales floor.

Reduce Asset Shrinkage and Downtime

Manual asset tracking could be the weakest link in your supply chain. As materials move from facility to facility, key components and tools are more likely to be misplaced, creating a manufacturing choke point. The components may be in the right location, but hidden within a shipping container or roll cage. The longer it takes to find a missing part or tool, the higher the cost, and the higher the likelihood of an outage.

Find Out Instantly:
Where assets are located
What they specifically contain
Time spent at each location
Date due at a customer site

Leveraging RFID technology to tag, track and locate specific items eliminates the manual errors associated with barcode readers and paper-based processes. OAT Asset Tracking solutions allow you to easily associate detailed attributes to each asset (such as part number, expiration date, order date, order number, value) to enable the tracking of perishable items, component parts, and tools, as well as reusable assets (totes, roll cages) and their specific contents. Automatic notifications alert you to potential exceptions, for instance, when items do not meet checkpoint criteria, are due to expire, or are associated with a critical work order. You can easily configure alerts to mirror specific process flows, enabling you to instantly track and locate assets across your network. With this powerful capability, you'll be able to identify, correct, and eliminate process weaknesses.

Deliver Perfect Orders, Ensure Proof of Delivery

As completed goods leave your loading dock, shipping errors and incorrect orders often result. The industry average for shipping errors hovers between 1-3%, but since most shipping errors are

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• Logistics costs have outpaced the growth of the US Gross Domestic Product (GDP) for the past three years

• Business logistics costs were $1.3B in 2006, rising to 9.9% from 9.4% of the nominal GDP.

• Total logistics costs—transportation, inventory carrying costs, and order administration—have skyrocketed more than 64% during the past decade.

– Council of Supply Chain Management Professional's (CSCMP) study, 2007

undocumented, the actual number is much higher. Your costs increase with make-goods and re-shipments, which inevitably result in lost customers.

RFID-enabling the shipping and receiving process can provide immediate cost benefits. Since customer satisfaction depends on when an order is received, not when it shipped, OAT Asset Tracking Solutions enable you to instantly track and locate specific orders and their contents, from the loading dock to the receiving dock. RFID readers placed at shipping and receiving docks automatically track tagged goods, eliminating manual data errors and providing proof of delivery. Orders and order contents can be associated with shipping containers, reusable totes and roll cages. Configurable alerts notify you automatically before a mis-shipment occurs, so you can take corrective action.

Accelerate ROI with Proven Solutions
A common misconception with RFID solutions is that large investments in infrastructure are required to realize business benefits. In reality, manufacturers can consistently decrease downtime and increase productivity with product and process-specific solutions, implemented one facility at a time. OAT packaged solutions eliminate the need for custom development or long deployment cycles, accelerating time to value.
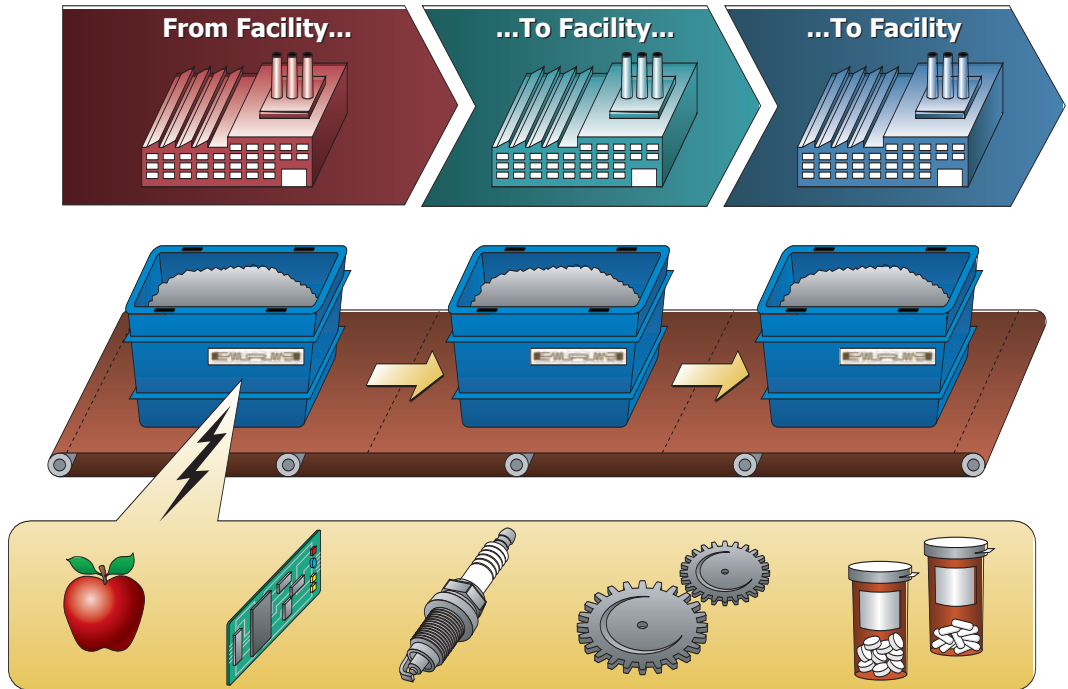
Get Results with the Industry Leader
With over 200 customer deployments, OAT knows how to put RFID to work to get the maximum impact and results. As the RFID pioneer and leader, OATSystems brings together the hardware, software, domain expertise, integration, analytics and implementation services for fast, reliable deployment.

"In the course of the order management cycle, every time the order is handled, the customer is handled. Every time the order sits unattended, the customer sits unattended.

Paradoxically, the best way to be customer oriented is to go beyond customers and products to the order... Ultimately, it is the order that connects the customer to the company in a systematic and companywide fashion."

– Harvard Business Journal

From Facility...   **...To Facility...**   **...To Facility**

RFID Asset Tracking acts as a "virtual assembly line" enabling you to automate and error-proof the management of assets, contents and component parts across your supply chain.

O A T

Transforming RFID Data into Value