Plex Inventory Management

Inventory is the lifeblood of a production facility and not properly managing it can result in under supply, resulting in production shortages, unfilled orders and unhappy customers – or over-supply – resulting in wasted capital sitting on the floor. With today's dynamic pace of production and sensitivity to waste, it is critical to have timely and accurate inventory. With Plex inventory Management, you know where all of your inventory is in real time throughout production with high-resolution genealogy and traceability that provides accurate information about any inventory from the time raw material enters your facility to when finished goods ship out the door.

Real-time Track & Trace

Plex includes a fully integrated barcode printing and scanning system that gives you mistake-proof, real-time, precise location capture for receipt, movement, allocation, usage, production, inspection and shipment. Barcode scanning not only streamlines shipping and receiving but automatically captures incremental information at each point of production to enrich your database of knowledge about each unit of material.

High Resolution Traceability

The result of detailed tracking of inventory and its movements, is that Plex can deliver high-resolution traceability - an automatic, digital "paper-trail" - from the point of entry into your Plex system to ultimate delivery to your customer. Upstream and downstream genealogy enables future analysis down to very specific information about inventory (such as lot or heat data) should issues with quality arise – or worse, a recall.

End-to-End Inventory Accuracy

Inventory is one of the largest expenses for a production facility, so knowing the "truth" about what you have in-house can protect against line stoppages as well as reduce excess inventory - and the associated carrying costs. Accurate inventory visibility helps the finance department understand a more accurate point-in-time inventory valuation and can actually eliminate physical inventory counts.

> "We can easily trace the source of production materials in seconds, can isolate issues faster, and automatically generate audit reports, which frees up our administrative clerk for more meaningful tasks that add value to our process."

BEN SOMMERVILLE
COO, Phoenix Logistics

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THE MANUFACTURING CLOUD

Build Your Business on a Solid Foundation

Barcode Tracking

- Identify inventory by unique serial or license plate numbers for easy tracking and traceability.

- Support for splitting and merging of inventory for industry specific applications, while maintaining accurate product genealogy.

- Fully-integrated barcode printing and scanning capability that supports mobile and fixed scanners, RF/RFID scanners, weigh scales, PLC's, ASRS systems, and other material handling equipment.

- Label designer and extensive library of pre-formatted label templates that can be automatically applied based on part, customer or destination.

Traceability

- Advanced inventory traceability and product genealogy to support upstream and downstream traces.

- Instantly trace the lot or heat number of raw materials and any products made from them.

- Quickly produce traceability reports to respond to potential quality issues such as in the case of a recall.

End-to-End Inventory Accuracy

- Instant access to a real-time database of production material, tooling, gauges, and supply items.

- Manage payments for received items, materials, etc., which are to be invoiced at time of consumption rather than time of receipt.

- Mistake proofing process control to ensure the correct or specific material is used on a job.

- Shelf life support for automatic expiration of inventory based on various 'Born-on' dates, receipt date, internal manufacturing date or supplier manufacturing date

- Point-in-time inventory reports that can eliminate the need for physical inventory counts.

Screenshot of an example Inventory Menu screen shows the breadth and depth of the Plex Inventory Management solution

"Virtually 100 percent accuracy – I can trace everything back to the second the raw materials arrived, without ever leaving my desk."

Jessica Marco, President, Spring Dynamics

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