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USING JUST-IN-TIME TO IMPROVE SUPPLY CHAIN PERFORMANCE.

Today's barcode, RFID and RTLS technologies offer a number of ways to provide real-time visibility into where assets sit within the production infrastructure. When this visibility is aligned to single network connectivity, it creates an integrated production environment with data excellence at its heart, where the benefits of just-in-time material flow can be realised.

Realising the benefits of just-in-time

Reduced inventory

Pull materials when they are needed in real-time versus anticipating when they will be needed, helping to reduce surplus and inventory costs.

Involves the entire supply chain

Real-time asset management enables line-side operators to trigger material requests, while the system also enables suppliers to have visibility into material consumption.

Supports the flexibility of assembly lines

RFID tags on assets signal to the system what model or product is on the line and the related assets are quickly associated to it.

Increased quality

With a real-time tracking system, manufacturers can isolate events for easier measurement, benchmarking and evaluation. It's also easier to track high value tool usage and increase quality control.

Provides more accuracy

A real-time asset management system reduces human error and provides clear and detailed visibility not just into the asset's availability and location, but also the condition of the asset.



Material flow solutions from Zebra

Online material flow ROI calculator

This invaluable free tool evaluates how a manufacturer is currently maintaining and processing the materials that support the manufacturing process and how much it could benefit from a real-time asset management programme.

It takes just five minutes to complete and asks a range of questions from general inventory value to size of staff. On completion, a full 'Economic Impact Report' outlines cost-saving opportunities.*



Zebra's extensive portfolio of barcode, RFID, RTLS and material flow solutions help enterprises to gain visibility of the location, condition, timing and accuracy of the events occurring throughout their value chain. Once the events are seen, organisations can create new value from what is already there.

From a material flow perspective, these solutions help to eliminate the need for manual and labour-intensive processes by delivering real-time data from the factory floor to internal and external supply. Manufacturers can quickly respond to changes in inventory, production status and customer requests, and can centrally manage and control supplier collaboration, internal supply and facility-wide communication across multiple facilities or within a single location.



To find out more on material flow watch our video here.
www.zebra.com/manufacturing-challenges

* https://roianalyst.alinean.com/ent_01/AutoLogin.do?d=957249602997879727



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