

Applications of RFID in Manufacturing

Receiving – Automated receipts from ASN’s, Sensed unloading of trailers/containers, Cross Docking

Material and Parts Warehouse - Raw Materials Visibility, Parts Inventory Visibility, Yard Management, order management, forecasts, safety stock and retrievals

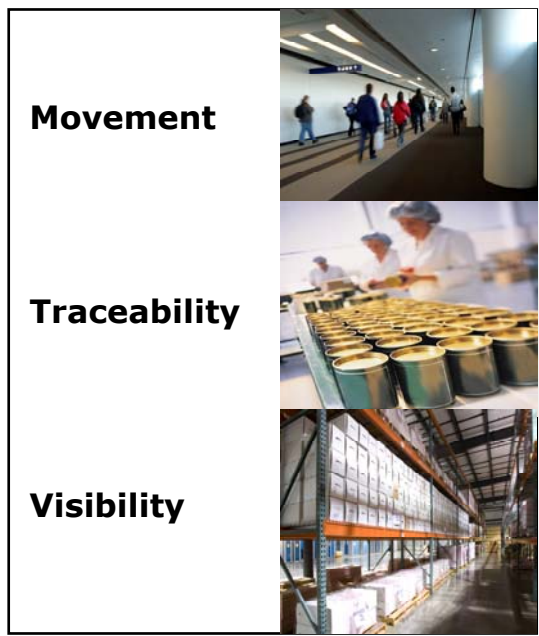
Manufacturing Floor - Work in Process Visibility, Material staging, Forecasting, Labor tracking, Production

Finished Goods Warehouse / Yard – Automated confirmation of location and directed putaways, Security, accurate inventory counts.

Staging and Shipping – Automated order pick, staging location confirmation, order load and ship confirmation, ASN’s and billing

Office –

- Order Processing and billing (Supply Chain)
- Time and Attendance
- Access Control
- Security – Staff, Materials and finished goods
- Task and resource Management
- Labor Collection
- Safety - Skill set management
- Tool Shed management



ROI Considerations

- Cost Reductions for RFID
- Lower Inventory Stock Levels
- Fewer Order Errors
- Reduce Waste
- Reduce Manual Checks
- Reduce Obsolete Goods Inventory
- Reduce Inventory Handling Costs
- Reduce Logistics Costs
- Reduce Claims and Deductions
- Improve Asset Utilization
- Reduction in Physical/Cycle Count

- Increase Revenue due to RFID
- Decrease Order to Cash Cycle time
- Improve Order Fill Rates
- Reduce Shrinkage
- Improve Work in Process time
- Increase Inventory Turns

