



# RFID in Manufacturing

## RFID is an efficient and cost effective way to manage your manufacturing facility

In the manufacturing environment where demand for productivity and cost containment are essential, RFID makes sense. RFID technology can give you reliable data for automated traceability throughout your entire facility. From the intake of materials to packaging and shipping the finished product, RFID provides you with insight into your processes.

### Benefits of RFID in Manufacturing

- ▶ Get automatic real-time product location and assembly line status updates
- ▶ Ensure the right materials are in the right place at the right time — without human intervention
- ▶ Maintain current item information on the RFID tag; helping coordinate equipment and resources in environments with complex assemblies or customized products
- ▶ Putting RFID tags on machines, trucks and forklifts, will allow you to know the location, maintenance record and contents of each piece of equipment
- ▶ With up-to-date RFID data, finding problem areas is quick and easy; the data will also help you optimize production and drive lean initiatives
- ▶ Real-time tracking of materials gives you the ability to accurately forecast demands for raw materials and equipment
- ▶ Know the exact count of the supplies and their location — decrease downtime, shrinkage and meet Kanban/Just in Time requirements
- ▶ Data received from RFID output automatically feeds directly into your current (ERP/SAP/Shop Management) software system
- ▶ Automatically verify contents and create ASN (advance ship notices) for product to be shipped
- ▶ Avoid situations by automatically comparing the order with the ship-list before it leaves your facility

