NORTHERN APEX
EMPOWERING INFORMATION SOLUTIONS

Life Science - Manufacturing
RFID & Barcode (2D) - Automatic Identification Solutions

Whether your manufacturing focus is on medical devices/instruments or pharmaceuticals, Northern Apex has a solution to fit your needs. Our solutions utilizes RFID and/or 2D Barcode/Data Matrix technologies and modular software to give manufacturing facilities automated traceability throughout your entire facility. From the intake of materials - to packaging and shipping the finished product, Northern Apex provides you with insight into your processes.

Benefits of Automatic Identification Solutions in Manufacturing

Sample Tag
RFID 2D/
Datamatrix
and Human
Readable

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► RFID is a UDI (Unique Device Identifier)

► Get automatic real-time product location

► Ensure the right material are in the right place at the right time — without human intervention

► Maintain current item information of the tag; helping coordinate equipment and resources in environment with complex assemblies or customized products

► With up-to-date data provided by automatic identification, finding problem areas is qui9ck 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 supples 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

Automatic ID Assembly Line

RFID Enabled Medical Device

RFID Pharmaceutical Conveyor

Life Science - Warehousing
RFID & Barcode (2D) - Automatic Identification Solutions

Northern Apex's Radio Frequency Identification (RFID) and 2D barcode solutions will take your existing SAP, WMS, TMS, or ERP software to a whole new level. Our solutions will allow you to have hands free tracking of product at various points as it moves throughout the warehouse, onto the loading docks and as it arrives at your customer's facility. If you are already shipping product that are 2D barcode or RFID enabled, you can take full advantage of the benefits of these technologies by easily integrating it into your operations.

Benefits of Automatic Identification Solutions in Warehousing

► Our solutions will enable you to effectively locate, move and load your product, which will immediately reduce costs and directly affect the bottom line profit of your operation

► Automatic identification makes physical inventory easier; reducing inventory time/costs and supporting FIFO control (RFID does not require direct line-of-sight, which makes taking inventory even easier)

► Tagged finished goods in the warehouse and shipping area allows for hands free product tracking and assists with product location, routing and order fulfillment

► RFID will verify what is in the box and enable you to automatically create advance shipping notices (ASN's) or items that are actually shipping, instead of what may or may not be in the box, Or if your customer requires 100% order accuracy (to avoid chargebacks), extra, incorrect or missing items can be identified and rectified before the box is shipped.

► When load accuracy and sequencing is critical to your distribution network, RFID or 2D barcode deployed at the dock door ensures correct orders are sequentially placed on the correct truck; making delivery quick, accurate and efficient

RFID/Barcode Mobile Handheld Scanner

RFID/Barcode Read/Write Applicator

Mobile Cart

RFID Enabled Dock Doors

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