

# RFID in Manufacturing Market Research

FIVE-YEAR MARKET ANALYSIS AND TECHNOLOGY FORECAST THROUGH 2022

## RFID IN MANUFACTURING IS BOOMING - BUT THERE IS A HITCH

The need to track and trace products in many markets, the increased complexity in manufacturing, and the trend towards Industrie 4.0/Industrial Internet of Things (IIoT), create a perfect storm for RFID in manufacturing.

RFID is a key enabler, especially for mass customization in an Industrie 4.0 production environment. As a result, RFID in manufacturing is booming. Looking at units, the market is expected to grow, but the price pressure is high, leaving the market measured in US\$ to be less optimistic.

ARC has identified a number of different applications and in interviews we clearly identified that growing areas are all

around the Industrie 4.0 environment, while classic machine tool management or track & trace will grow at a slower rate.

The RFID market in manufacturing is also characterized by a large number of players and many different strategies.

Over the next years, RFID will also move into new applications and will enable a deeper integration between the supply chain and the production environment. The reason for this is more application experience, plus more robust tag technology, and falling prices for readers and tags.

For more information please visit us at [www.arcweb.com/market-studies/](http://www.arcweb.com/market-studies/).

## STRATEGIC ISSUES

Users are keen to optimize production in an increasingly complex environment. For suppliers it is important to not only grow with the market but actually outperform it. ARC recommends the following strategies:

- Lifecycle services enabled with RFID
- Office IT of end users as decision makers
- Identify the key users
- Address OEMs differently
- Be aware of new entrants from the supply chain market
- Have a wide variety of tag sizes

## RESEARCH FORMATS

This research is available as a Market Intelligence Workbook (Excel); and/or a concise, executive-level Market Analysis Report (PDF), with or without detailed charts.

## RESEARCH FOCUS AREAS

### STRATEGIC ANALYSIS

Major, Industry, and Regional Trends  
Strategies for Success

### COMPETITIVE ANALYSIS

Market Shares of the Leading Suppliers

Market Shares by Region

North America

Europe, Middle East, Africa

Asia

Latin America

Market Shares by Revenue Category

Market Shares by Hardware Category

Antennas

Handheld Readers

HF Stationary Readers

LF Stationary Readers

RFID Tags

UHF Stationary Readers

Market Shares by Application

Asset Management

Intralogistics

Product & Material Flow

Production Control

Storage Management

Tool Management

Track & Trace

Market Shares by Industry

Aerospace & Defense

Automotive

Cement & Glass

Chemical

Electronics & Electrical

Fabricated Metals

Food & Beverage

Machinery Manufacturing

Metals

Mining

Oil & Gas

Pharmaceutical & Biotech

Pulp & Paper

Semiconductors

Market Shares by Machinery Segment

Market Shares by Tag Design

Market Shares by Temperature Rating

Market Shares by Industrial Network

Market Shares by Sales Channel

Market Shares by Customer Type

### MARKET FORECASTS & HISTORIES

Total Shipments of RFID in Manufacturing

Shipments by Region

Shipments by Revenue Category

Shipments by Hardware Category

Shipments by Application

Shipments by Industry

Shipments by Machinery Segment

Shipments by Tag Design

Shipments by Temperature Rating

Shipments by Industrial Network

Shipments by Sales Channel

Shipments by Customer Type

### INDUSTRY PARTICIPANTS

The research identifies all relevant suppliers serving this market.

The Worldwide RFID in Manufacturing Market

