

Industrial IoT Edge Software Platforms Market Research

FIVE-YEAR MARKET ANALYSIS AND TECHNOLOGY FORECAST THROUGH 2023

NEW OFFERINGS TARGET OUTCOMES, SELF-SERVICE, THICK EDGE

Industrial Internet of Things (IoT) edge software platforms have emerged from their origins in device connectivity and management to full-blown IT/OT integration and application execution environments capable of serving escalating requirements at this tier of the architecture.

The industrial edge profile is evolving as it increasingly serves as the platform for local applications and analytics, including artificial intelligence (AI) delivered via machine learning (ML), leading to establishment of a new IT-oriented “thick edge.”

Enterprise cloud providers and leading automation suppliers are joining the burgeoning number of third-party providers targeting the edge ecosystem in earnest.

Concurrent with this activity is an emphasis on improved ease of use, self-service, turnkey operation, and outcome-based application-specific solution packages that help shorten the time to value and accelerate Industrial IoT adoption.

This report specifically covers industrial base platform/edge OS, device connectivity/management, and application development and enablement edge software platforms. These offerings are characterized by their target industrial value proposition in areas such as predictive maintenance for industrial assets.

For more information, please visit us at www.arcweb.com/market-studies/.

STRATEGIC ISSUES

The Industrial IoT edge software platform landscape is expanding to encompass a broad spectrum of functionality ranging from device connectivity to advanced analytics, including AI delivered via ML.

- Which platform types are slated for the most growth, and why?
- What impact will the descent of enterprise cloud players to the edge have on the market as a whole?
- How will emergence of a multi-tiered edge impact supplier prospects?

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, Regional, and Industry Trends
Strategies for Buyers
Strategies for Suppliers

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 Type

Consulting Services
Implementation Services
Maintenance/Support Services
Software as a Service
Software License/Lease

Market Shares by Platform Functionality

Base Platform
Device Connectivity & Management
Application Development
Application Enablement

Market Shares by Industry

Aerospace & Defense
Automotive
Building Automation
Electric Power Generation
Electric Power T&D
Electronics & Electrical
Machinery
Medical Products

Mining
Oil & Gas
Smart Cities
Telecommunications
Transportation & Logistics
Water & Wastewater

Market Shares by New vs. Retrofit
Market Shares by Deployment Model
Market Shares by Operating System
Market Shares by Distribution Channel
Market Shares by Customer Type

MARKET FORECASTS

Total Shipments of Industrial IoT Edge Software Platforms

Shipments by Region
Shipments by Revenue Type
Shipments by Platform Functionality
Shipments by Industry
Shipments by New vs. Retrofit
Shipments by Deployment Model
Shipments by Operating System
Shipments by Distribution Channel
Shipments by Customer Type

INDUSTRY PARTICIPANTS

The research profiles all relevant suppliers serving this market.

