

Industrial Ethernet Switches Market Research

FIVE-YEAR MARKET ANALYSIS AND TECHNOLOGY FORECAST THROUGH 2023

MARKET GROWTH CONTINUES AS STRATEGIC CHALLENGES ESCALATE

Connectivity and edge-to-cloud integration requirements at the “thin edge,” or network infrastructure tier, of digitally transformed architectures are escalating exponentially. Concurrent evolutions in technology, standardization, and competitive landscape add to the opportunities and challenges faced by industrial Ethernet switch (IES) buyers and suppliers.

Continued advancements in Ethernet technology are expanding IES reach and capabilities. Both industrial automation and infrastructure applications continue to generate growth prospects that exceed that of the overall automation marketplace.

Supplier responses to these challenges and opportunities vary, with this latest update revealing further movement within the upper market share echelon. Numerous competitors are focused on requirements in specific industry segments such as transportation, electric power T&D, and surveillance, but also in technology areas such as Gigabit Ethernet (GE), Time-sensitive Network (TSN), Industrial IoT, and network management, among others.

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

STRATEGIC ISSUES

Escalating connectivity requirements and technology improvements are broadening the total available market for IES devices.

- How will IEEE 802.1 TSN, GE, and higher wattage PoE standards impact the IES market?
- What is the current and future role of IESs and other “thin edge” devices in digital transformation strategies?

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
Strategic Recommendations

COMPETITIVE ANALYSIS

Market Shares of the Leading Suppliers

Market Shares by Region

North America

Europe, Middle East, Africa

Asia

Latin America

Market Shares by Industry

Aerospace & Defense

Automotive

Buildings

Chemical

Electric Power Generation - Fossil

Electric Power Generation - Renewable

Electric Power T&D

Electronics & Electrical

Food & Beverage

Machinery

Metals

Mining

Oil & Gas

Pharmaceutical & Biotech

Pulp & Paper

Security/Surveillance

Semiconductors

Transportation

Water & Wastewater

Market Shares by Revenue Category

Market Shares by Form Factor

Market Shares by Number of Ports per Device

Market Shares by Hazardous Location

Market Shares by Environmental Rating

Market Shares by Managed, Lightly

Managed, Unmanaged

Market Shares of Managed Switches by

Layer 3 Support

Market Shares of Managed Switches by

IEEE 802.1 TSN Capable

Market Shares of Managed/Lightly

Managed Switches by IEEE 802.1x

Market Shares by Distribution Channel

Market Shares by Customer Type

MARKET FORECASTS

Total Industrial Ethernet Switches Business

Shipments by Region

Shipments by Industry

Shipments by Revenue Category

Shipments by Form Factor

Shipments by Number of Ports per Device

Shipments by Hazardous Location

Shipments by Environmental Rating

Shipments by Managed, Lightly Managed,

Unmanaged

Shipments of Managed Switches by Layer

3 Support

Shipments of Managed Switches by IEEE

802.1 TSN Capable

Shipments of Managed/Lightly Managed

Switches by IEEE 802.1x Support

Shipments of Ports by Media Type

Shipments of Ethernet Ports by Speed

Shipments of Ethernet Ports by PoE

Standard

Shipments by Distribution Channel

Shipments by Customer Type

INDUSTRY PARTICIPANTS

The research identifies and profiles all relevant suppliers serving the IES market.

Worldwide Industrial Ethernet Switches Market

