

Industrial Network Gateways Market Research

FIVE-YEAR MARKET ANALYSIS AND TECHNOLOGY FORECAST THROUGH 2020

BEACONS INTO THE FUTURE OF THE INDUSTRIAL INTERNET EDGE

Today's Ethernet, wireless, and cellular gateways are harbingers of the changes coming to the industrial edge in the age of the industrial internet. Originally relegated largely to network protocol conversion, today's gateways target sensor-to-cloud integration in furtherance of industrial internet-based strategies designed to improve business performance.

IT technology continues to extend its reach into the OT realm in pursuit of the data needed to this end. Availability of gateway devices featuring standard operating systems, such as Linux and Windows 10, are furthering the march towards edge or fog computing.

Concurrent with this trend is the battle of the Internet platforms extending to the industrial edge. Heavyweights such as General Electric and the IBM/Cisco partnership are extending their platforms to both their own gateways and edge devices as well as their partners' products.

These and other drivers are behind a broadening functional spectrum for industrial gateways, one that ranges from interfacing disparate networks to sensor-to-cloud integration and edge computing. All these factors point to rising recognition of the escalating importance of the edge.

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STRATEGIC ISSUES

New developments in the industrial gateways market are indicative of their increasing role as harbingers of the future of the network edge.

- How should suppliers respond to the migration from automation to IIoT gateways?
- How best to provide sensor-to-cloud connectivity?
- What is the best edge/fog computing strategy for gateway suppliers?
- Who are the new competitive entrants and how are they aligned?
- How does the industrial internet and IT/OT convergence impact customer type and channel requirements?

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Europe, Middle East, Africa
Asia
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IIoT
Automation

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Cellular

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Building Automation
Energy
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MARKET FORECAST LIST OF FIGURES

Total Shipments of Industrial Gateways
Shipments by Region
Shipments by Gateway Type (\$, Us, ASP)
Shipments by Network Type (\$, Us, ASP)
Shipments by Industry

Shipments by CPU Type
Shipments by Operating System
Shipments by IPv6 Support

Cellular Shipments by Speed
Ethernet Shipments by Protocol
Shipments by Form Factor
Shipments by Hazardous Location
Shipments by Environmental Rating

Shipments by Sales Channel
Shipments by Customer Type

INDUSTRY PARTICIPANTS

The research identifies all relevant suppliers serving this market.

The Worldwide Industrial Gateways Market

