Fixed Industrial Ethernet & Cellular Network Router Market Research

FIVE-YEAR MARKET ANALYSIS AND TECHNOLOGY FORECAST THROUGH 2021

IIOT DRIVING CHANGES IN ROUTERS' ROLE IN FUTURE NETWORKS

Fixed industrial Ethernet and cellular network routers are one of several components of the overall industrial network infrastructure. Leading customers in electric utilities, oil & gas, water/wastewater, transportation, and industrial machinery use routers to enable network security and remotely access equipment in hazardous or difficult-to-reach environments where it may be costly or dangerous to deploy troubleshooting personnel.

Industrial network infrastructure is also one of the focal points of emerging industrial internet-enabled strategies, serving core functions such as edge-to-cloud integration and edge computing. Industrial network routers will benefit from increased emphasis on both remote access and monitoring as well as migration to industrial internet-enabled strategies.

New developments, such as emergence of the 5G wireless standard and adoption of SDWAN technology, are driving profound changes in both router functionality and application. Suppliers will also need to select appropriate protocols and ecosystems for cloud integration and edge computing.

This analysis quantifies the potential impact of each of these and other pending developments in important areas such as 5G adoption, amount and type of cloud integration, and estimated use for edge computing.

For more information about this research, please contact your ARC Client Manager or visit us at www.arcweb.com/marketstudies/.

STRATEGIC ISSUES

Increasing recognition of the remote access business value proposition, coupled with ongoing adoption of IIoT/I4.0-enabled strategies, are primary catalysts behind the anticipated continued evolution in router technology and application.

- · How and why is the functional spectrum of industrial routers expanding?
- What share is used for enterprise/IIoT integration vs. simple remote access?
- What share of the market will be used for edge computing?
- How much of the router market will transition to 5G within five years?

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, 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 Revenue Category

Hardware

Software

Services

Market Shares by Industry

Building Automation

Electric Utilities

Industrial Machinery

Oil & Gas

Transportation

Water & Wastewater

Market Shares by Router Type

Market Shares by Form Factor

Market Shares by CPU Type

Market Shares by Cloud Integration

Market Shares by Operating System

Market Shares by Use in Edge Computing Market Shares by Hazardous Location Market Shares by Environmental Rating Market Shares by Customer Type Market Shares by Sales Channel

MARKET FORECAST

Total Shipments of Fixed Industrial Ethernet & Cellular Routers Shipments by Region Shipments by Revenue Category Shipments by Industry Shipments by Router Type

Shipments by Form Factor Shipments by CPU Type Shipments by Cloud Integration Shipments by Operating System Shipments by Use in Edge Computing Shipments by Hazardous Location Shipments by Environmental Rating Shipments by Customer Type Shipments by Sales Channel

INDUSTRY PARTICIPANTS

The research identifies all relevant suppliers serving this market.



