

Industrial Ethernet Devices Selection Guide

HARDWARE SELECTION GUIDANCE WITH SPECIFIC EVALUATION CRITERIA

MAKE INFORMED, FACT-BASED TECHNOLOGY SELECTIONS

Industrial Ethernet devices play a pivotal role in the connectivity-enabled business improvement strategies of the future. This is particularly true in the case of both the Industrial Internet of Things (IIoT) and Industry 4.0 (I4.0), each of which relies heavily on integration of field and asset data with enterprise-level business improvement applications; many of which are resident in the Cloud.

Escalating use in these and other segments continues to drive new product configurations, new supplier entries, and overall expansion beyond the traditional industrial base.

Potential Industrial Ethernet device buyers need a sound roadmap to guide them

through the maze of new configuration options.

ARC's *Industrial Ethernet Devices Selection Guide* is designed to help organizations make informed choices when selecting industrial Ethernet devices.

Extracted from ARC's most recent industrial Ethernet devices market update, and drawing on our years of industrial Ethernet market coverage, this guide will reduce your RFP development time and provide a sound foundation for expediting your product and supplier selection process.

For more information, please visit us at www.arcweb.com/technology-evaluation-and-selection

STRATEGIC ISSUES

The profile definition for an industrial Ethernet switch has the potential to evolve drastically over the coming years. This selection guide highlights key issues, such as:

- How best to evaluate both hardware and suppliers for support of your application and industry requirements?
- What tools and standards are available to address industrial security concerns?
- How will emergence of the Industrial Internet of Things, Industrie 4.0, and IT/OT convergence impact selection choices?
- Who are the leading suppliers and innovators by industry and application?
- Which suppliers have been acquired by who, and for what purpose?

GUIDE CONTENTS

EXECUTIVE SUMMARY

Major Trends
Industry Trends
Regional Trends

ADOPTION STRATEGIES

Factors Contributing to Adoption
Factors Inhibiting Adoption
Strategies for Adoption

SCOPE

TECHNOLOGY AND SUPPLIER SELECTION CRITERIA

Key Criteria Analysis
Fact-based Selection Process
Consider Best Practices by Suppliers
Selection Process Tools Available
Selection Criteria Table

MARKET SHARES ANALYSIS

Market Shares by Region
North America
EMEA
Asia
Latin America

Market Shares by Industry

Aerospace & Defense
Automotive
Building Automation
Chemical
Electronics & Electrical
Electric Power Generation - Fossil

Electric Power Generation - Renewable
Electric Power Transmission & Distribution
Food & Beverage
Intelligent Transportation Systems
Machinery Manufacturing
Mining & Metals
Oil & Gas
Pulp & Paper
Pharmaceutical & Biotech
Semiconductors
Water & Wastewater

SUPPLIER PROFILES

Profiles for the major industrial Ethernet switch suppliers serving this market are included. Each profile concisely reviews the company's business, products, and services as it applies to industrial Ethernet switches.

Criteria Weighting and Supplier Rating

Selection Criteria	Supplier A	Supplier B	Supplier C
Criteria 1	4.2	3.1	4.9
Criteria 2	3.5	4.2	2.6
Criteria n	3.7	4.3	3.9

Selection of the correct supplier for your situation requires a comprehensive list of weighted criteria

