



## TECHNOLOGY INTELLIGENCE SERVICE

# Industrial Communications

Global insight and analysis of industrial communications trends that enables informed decision making for industrial automation vendors, and end-users.

Real time access to a continuous flow of research across geographies, topics and application areas:

### Flagship Product

Comprehensive report and accompanying database, updated once per service year.

### Analyst Insights

Client exclusive commentary on developments throughout the year.

### Market Briefs

Studies addressing key trends throughout the year.

### Analyst Access

For prompt responses to urgent and unique questions

## FEATURED TOPICS

- The impact of connectivity technologies, such as 5G, TSN and SPE on industrial automation
- End-equipment connectivity (motors, pumps and compressors, generators and turbines)

## Clients of this Intelligence Service will receive:

**Industrial Communications Intelligence Service Annual Report** – This report analyses the market for the industrial ethernet, fieldbus, wireless technologies, and cloud connectivity used within the industrial space. IT is split into three product based volumes as follows:

- Motors, controls, and controlled equipment
- Process control and instrumentation equipment
- Discrete control and visualization equipment

**Analyst Insights** – Commentary on attended events, regional developments, or emerging trends.

**Market Briefs** – Quarterly focus reports providing detailed insight into industrial communication adoption

## Research Coverage

Ethernet Variant	Fieldbus Variant	Motor, Controls, and Controlled Equipment
Ethernet TCP/IP	PROFIBUS	Servo drives
PROFINET	CANopen	Safety drives
EtherNet/IP	DeviceNet	MV motor drives
Modbus TCP/IP	ASI	Stepper drives
POWERLINK	ControlNet	LV motor drives
EtherCAT	HART	Motion controllers
Sercos III	FOUNDATION Fieldbus	Motors
HSE	Firewire	Pumps and compressors
CCLink IE	USB	Generators and turbines
Other	Sercos I & II	Switchgear
	CCLink	
	Other	

Process Control and Instrumentation	Discrete Control and Visualization Equipment	Wireless Technologies
DCS	Remote I/O	WiFi (802.11)
RTUs	IPCs	Zigbee
Process measurement devices	Sensors	Bluetooth
Process controllers	PLCs	Bluetooth low energy
Process safety systems	Machine vision	WirelessHART
	Operator terminals	ISA 100.11a
	Discrete machine safety components	Cellular
		Other

Safety Network Variant	Cloud Connectivity	Regions
CIP Safety (via Ethernet/IP)	FsoE (EtherCAT)	North America
CIP Safety (via DeviceNet)	CCLink safety	South America
PROFISAFE (via PROFINET)	SafetyNET p	EMEA
PROFISAFE (via PROFIBUS)	SafetyBUS p	APAC
OpenSAFETY	Safety over IOLink	
ASI Safety	Other	

### Related Research

- [Smart Manufacturing Intelligence Service](#)
- [IoT Devices & Connectivity Intelligence Service](#)
- [MEMS & Sensors for Consumer & Mobile Intelligence Service](#)
- [Industrial Edge Networking Components Intelligence Service](#)

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