

# Functions of Industrial Switches and Gateways

From smart factories to autonomous energy infrastructures, billions of industrial devices now require secure, real-time communication and intelligent data processing. At the heart of this transformation ...

Let's explore some aspects of the dynamic landscape of industrial communication protocols, underscoring the indispensable role of gateways in facilitating modern automation in mixed-protocol ...

Learn how industrial networking enhances connectivity and productivity in modern factories. Explore smart solutions for seamless operations.

Explore various types of instrumentation switches used in industrial automation, including pressure, level, flow, and temperature switches. Learn how these switches work, where they are ...

With industrial gateways, manufacturers can monitor the performance of equipment, track inventory in real time, and detect issues before they result in costly downtime. In essence, industrial gateways ...

Within the networking devices segment, there are several key sub-applications: industrial switches and routers, protocol converters, IIoT gateways, and wireless access points. These play crucial roles in ...

Industrial Communication Gateways are transforming how factories, utilities, and transportation systems connect and operate. These devices serve as crucial bridges, enabling ...

Explore the critical role of industrial routers, gateways, and switches in mining operations. This comprehensive guide covers applications, challenges, solutions, advantages, comparisons, ...

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Learn what an industrial IoT gateway does, how it's architected, and where it's deployed -- with real-world use cases across factory automation, power, oil & gas, and transportation.

This article teaches the basics of gateways in industrial networks and PLC-to-PLC communication.

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