

How can QoS (Quality of Service) policies on Ethernet switch be optimized to allocate dedicated bandwidth for PLC control instructions, ensuring “zero-delay, zero-packet loss” transmission? This ...

This article explains what backplane bandwidth is, why it is important for industrial switches, and how to choose the right bandwidth based on network requirements.

By following these steps, it is possible to configure and implement QoS on industrial switches in a way that ensures an efficient, well-refined, documented network customized to meet your specific needs.

To deploy EtherNet/IP plantwide at your facility, you need an industrial network design methodology. Following a plan helps you create structure and hierarchy to help maintain real-time network ...

An industrial network is expected to handle the needs of real-time control applications, SCADA applications, remote monitoring, and even safety applications. However; the risk of this is minimized ...

Let the USR-ISG series of industrial switches become the “bandwidth engine” for your network upgrade, propelling smart manufacturing towards higher efficiency and stability.

Many industrial users are working toward establishing private 5G campus networks for their communication and computing needs. Wireless 5G and wired copper networks often coexist in ...

The Stratix® 2500 Lightly Managed Switch enables network connectivity in applications where traditional unmanaged switches lack the ability to provide network resiliency, diagnostics and security, allowing ...

Make use of network optimization strategies such as Quality of Service (QoS) configurations and bandwidth allocation. QoS prioritizes real-time industrial traffic within the network, ensuring it gets ...

Using Local Congestion Mitigation (LCM) and Circuit Style policies, service providers can now specify business-critical links with the intention of reserving bandwidth for these links. Identifying critical links ...

This article will delve into the network traffic analysis and optimization strategies of industrial Ethernet switches to improve network performance and efficiency.

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