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CHECKLIST

5 Keys to Selecting 5G Solutions for Operational Technology

Operational technology (OT) organizations have an increasing need to connect cyber-physical systems, but at the same time, they must ensure these connections are reliable and secure. In introducing new technology, they must minimize risk and ensure high availability to safeguard critical production, processes, infrastructure, and public safety.

To connect and use the latest 5G technology in OT environments like electrical substations and remote oil and gas sites, appliances must operate in harsh and sometimes extreme conditions. When selecting solutions, look for:

☑ **Efficient, Ruggedized Appliances**
Energy efficient, compact, and ruggedized appliances fit in smaller remote site cabinets and can withstand extreme conditions.

☑ **Industrial Next-Generation Firewall**
An industrial next-generation firewall includes the latest 5G connectivity, built-in SD-WAN, and additional communication channels.

☑ **High-Availability Dual 5G Modems**
Dual 5G modems enhance resiliency, provide high availability, and ensure continual and consistent connectivity.

☑ **Built-in Features**
Built-in features such as network access control, SD-WAN, AI-powered security, Wi-Fi, zero-trust gateway, wireless WAN, and 5G converged into one appliance simplify architecture, speed deployment, and centralize management, operations, and visibility using a single operating system.

☑ **Performance, Scalability, and Processing Power**
Appliances can process massive amounts of traffic and data securely and can scale to hundreds of remote operational sites and substations without affecting performance.

Select the Right Solutions

Today, OT organizations face heightened and more frequent cyberattacks. A secure, compact, and rugged networking solution with dual 5G modems provides the reliability, connectivity, and security necessary to secure cyber-physical systems and reduce risk.

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