Raritan

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TOP TIPS

Leveraging Raritan KVM-over-IP Switches to Consolidate and Manage Complexity in Healthcare

Hospitals and healthcare facilities are increasingly investing in sophisticated, state-of-the-art medical devices and IT systems to provide high-quality care. However, traditional patient monitoring systems lack the centralized monitoring capabilities needed to streamline care.

KVM-over-IP solutions can provide an efficient and cost-effective way for hospitals to monitor a wide variety of equipment from different manufacturers, as well as serve the needs of different users—from nurses, doctors, and consultants to IT and technical support.

Here are six ways Raritan KVM-based solutions can improve patient monitoring:

Centralized Management of Devices

Problem Statement

Traditional solutions don't provide high-performance remote access, monitoring and management for healthcare devices.

Solution

Whether it's high-tech equipment like CT scanners and MRI machines or in-room patient monitoring equipment, modern healthcare devices are computer-based. By connecting these devices to the network via KVM-over-IP switches, IT technicians can access them remotely from one central location, allowing for more proactive support and maintenance, and saving on travel time.

Remotely Monitor Patients

Problem Statement

Currently, patient monitoring must be done in-room, and any interaction with medical devices must be done at the device itself. This can be time-consuming for nursing staff and impact patient response times, especially during staff shortages.

Solution

By deploying a KVM-over-IP solution, healthcare equipment can be monitored remotely, such as at nurse stations or centralized monitoring stations, allowing hospital staff to stay on top of changes to patient health and avoid responding reactively to emergencies.

Trust and Reliability

Problem Statement

You must be able to trust any devices you deploy in a healthcare setting.

Solution

Raritan KVM-over-IP switches offer a range of reliability features, such as the dual LAN ports and dual power supplies of the Dominion KX III to make them failsafe. Raritan has been in the KVM business for more than 30 years and maintains a stellar reputation for reliability and quality.

Controlled Access to Devices

Problem Statement

The ability to control access is an essential part of remote monitoring and management. This is especially true in healthcare.

Solution

Controlled access is built into all Raritan KVM-over-IP switches, allowing administrators to control who gets access and see a record of who's been looking at what equipment—a crucial aspect of HIPAA compliance.
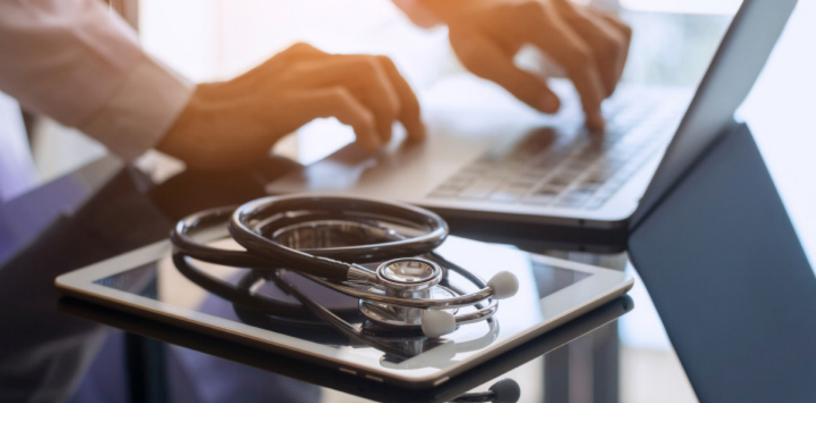
Securing Patient Records and Data

Problem Statement

Security and access to data is critical in the healthcare industry.

Solution

All Raritan KVM-based solutions are engineered for the strong security requirements and mandates. In fact, our KVM-over-IP solutions meet government and military mandates, including AES & FIPS 140-2 encryption, Common Access Card (CAC) authentication, PIV, FIPS 201, HSPD-12 and IPv6 networking.

Cost of Ownership

Problem Statement

Traditional end-to-end healthcare solutions can be costly, with recurring software fees and a high total cost of ownership.

Solution

KVM-over-IP switches provide a cost-effective means of connecting in-room patient monitoring equipment to the centralized display points within a hospital, such as nurse stations and monitoring centers. Raritan KVM switches can be purchased and do not have recurring software license fees.

Raritan provides a variety of KVM-over-IP switches that leverage today's ethernet and TCP/IP networks to provide anytime/anywhere remote access, control, and management. With Raritan, you can remotely monitor and manage your computer-based medical devices and get access to them regardless of where the devices and staff members are located.

Find Out More

For more information, visit raritan.com/ap/products/kvm-serial/kvm-over-ip-switches

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