LiveAction

Top 5 Challenges in Network Performance in Healthcare and How to Overcome Them

INTRODUCTION

Healthcare facilities face unique challenges when it comes to network performance. Ensuring robust, secure, and efficient network operations is crucial for maintaining patient trust and operational efficiency. Here, we explore the top five network performance challenges faced by healthcare facilities and how to overcome them.

REASON	CHALLENGE	SOLUTION
\ LIMITED NETWORK VISIBILITY	Healthcare facilities often struggle with limited visibility into their network infrastructure, making it difficult to identify and troubleshoot issues promptly.	Implement a comprehensive network performance monitoring (NPM) solution that provides a unified view of the entire network. Tools should offer end-to-end visibility, enabling quick identification and resolution of network issues from a single solution.
\ MANAGING NETWORK COMPLEXITY	The increasing complexity of modern networks, including cloud and hybrid environments, can be overwhelming for IT teams.	Simplify network management by leveraging NPM solutions that can handle diverse network environments. Automated monitoring and analytics can help manage complexity by providing actionable insights.
\ ENSURING NETWORK SECURITY	Protecting sensitive patient data is paramount, yet network security threats are continually evolving.	Integrate security monitoring with NPM to detect and respond to threats in real time. High-density packet capture can enhance security by providing deep packet inspection and forensic analysis.

REASON	CHALLENGE	SOLUTION
\ MAINTAINING COMPLIANCE	Healthcare facilities must comply with stringent regulatory requirements, which demand detailed monitoring and reporting of network activities.	Use NPM tools that offer robust compliance features, including automated reporting and detailed logs. This ensures adherence to regulations like HIPAA and HITECH.
\ OPTIMIZING NETWORK PERFORMANCE	Ensuring optimal network performance is critical for delivering seamless healthcare services and maintaining patient satisfaction.	Regularly monitor network performance metrics and establish performance baselines to quickly identify deviations. Look for solutions that provide real-time analytics and alerts, enabling proactive performance management.

CONCLUSION

Overcoming these network performance challenges is essential for healthcare facilities to maintain operational efficiency, security, and patient trust. By leveraging advanced NPM solutions, healthcare facilities can achieve comprehensive network visibility, simplify management, enhance security, ensure compliance, and optimize performance.

Visibility   **Management Simplification**   **Security Enhancement**   **Compliance**   **Performance Optimization**

LiveAction offers industry-leading network performance monitoring solutions designed to meet the unique needs of the healthcare sector. Our solutions provide deep visibility, real-time analytics, and comprehensive security integration, ensuring robust network performance and compliance.

For more information, visit **www.liveaction.com**.