



QUANTUM NETWORKS

FULL-STACK NETWORKING SOLUTIONS

Transceivers, Wi-Fi Access Points, Switches, Gateways & Q-Services Cloud | Powered by Rudder Cloud/On-Premise Controller



Presented By



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COMPREHENSIVE SOLUTIONS

Transceivers & Wi-Fi Access Points

High-performance optical modules supporting 1G to 100G speeds. Cutting-edge Wi-Fi 7/6/5 standards with cloud management for seamless deployment and monitoring.

Switches, Gateways & Q-Services Cloud

Enterprise, data center & industrial-grade switches. Unbreakable WAN connectivity with advanced link bonding. Q-Services cloud-based management, analytics, and Rudder controller platform.





TRANSCEIVERS

HIGH-PERFORMANCE OPTICAL MODULES

Versatile compatibility across network environments

Our SFP transceiver modules deliver enterprise-grade optical connectivity with speeds ranging from 1G to 100G. Engineered for maximum reliability, these modules feature ultra-low latency performance, enhanced security protocols, and exceptional power efficiency. Compatible across diverse network environments including data centers, enterprise campuses, and industrial deployments.

1G to 100G speed options

High-performance SFP, SFP+, and QSFP modules supporting single-mode and multi-mode fiber with hot-swappable design for seamless upgrades.

Ultra-low power consumption

Advanced thermal management and built-in diagnostics ensure consistent performance with minimal energy footprint, reducing operational costs.





WI-FI ACCESS POINTS

➤ **Cutting-Edge Wireless Connectivity**

Quantum Networks Wi-Fi Access Points deliver cutting-edge wireless connectivity with support for the latest Wi-Fi 7, 6, and 5 standards. Cloud-managed deployment ensures effortless setup and real-time monitoring, while enhanced security features protect your network. Optimized throughput and seamless scalability make them ideal for enterprise environments of any size.

➤ **Wi-Fi 7/6/5 Standards Support**

Experience next-generation wireless with support for Wi-Fi 7, 6, and 5 standards. Achieve maximum speeds, reduced latency, and enhanced capacity for demanding enterprise applications.

➤ **Cloud-Managed Deployment**

Simplified deployment and monitoring through our cloud management platform. Enhanced security features and optimized throughput ensure reliable connectivity across your entire organization.



SWITCHES

SCALABLE & RELIABLE

Quantum Networks switches deliver the backbone your network demands. Our enterprise, data center, and industrial-grade switches provide unmatched performance with high port density configurations supporting 10G to 400G connectivity. Built for mission-critical environments, each switch features advanced traffic management and seamless integration with Rudder Cloud management.

From small office deployments to hyperscale data centers, our switch portfolio scales to meet your exact requirements with consistent reliability.

✔ Enterprise, data center & industrial-grade options

✔ High port density up to 400G throughput

✔ Advanced QoS for traffic prioritization

✔ Built-in security with zero-trust architecture





GATEWAYS UNBREAKABLE WAN

➤ Continuous WAN uptime guaranteed

Quantum Networks gateways deliver enterprise-grade reliability through intelligent link bonding technology. By aggregating multiple WAN connections simultaneously, our gateways ensure continuous uptime even when individual links fail. Advanced failover mechanisms and load balancing optimize bandwidth utilization while maintaining seamless connectivity for mission-critical operations.



➤ Multi-WAN link bonding

Supports simultaneous connections across fiber, LTE, 5G, and broadband for maximum redundancy and bandwidth aggregation.

➤ Critical infrastructure ready

Purpose-built for remote sites, branch offices, and industrial environments requiring zero-downtime connectivity.



Quantum Rudder Policy Control

Centralized policy enforcement and configuration management across all network devices. Define, deploy, and maintain consistent security policies with intuitive cloud-based controls.

QSMP Secure Multipath Routing

Intelligent traffic routing with encrypted multipath technology. Optimize bandwidth utilization while maintaining secure, redundant connections across your WAN infrastructure.

QAM Analytics & Monitoring

Real-time network analytics with comprehensive monitoring dashboards. Gain actionable insights into performance, traffic patterns, and potential issues before they impact operations.

Q-NMS & Q-Log Management

Complete network management system with centralized logging and diagnostics. Q-NMS provides device oversight while Q-Log delivers unified event tracking and troubleshooting capabilities.

Q-SERVICES CLOUD SOLUTIONS

Our comprehensive cloud platform delivers centralized control and visibility across your entire network. Q-Services simplifies operations while providing enhanced security and actionable analytics insights. From policy management to diagnostics, experience unified network intelligence.



Managed Cloud Controller

Elevate your business to new heights with Rudder's cloud services. Embrace the agility and innovation of cloud computing, engineered to meet your unique needs.

Rudder Appliances (On-Prem)

Rudder offers robust hardware services, ensuring your infrastructure operates at peak performance. From streamlined operations to superior reliability, experience the strength of optimized hardware.

Rudder Virtual Appliance

Dive into the world of virtualization with Rudder's advanced technology. Easily deploy and manage virtual environments for enhanced efficiency and scalability.



RUDDER CONTROLLER

Quantum Rudder is our cloud-based network management solution that simplifies network management. It allows you to access, manage and troubleshoot your network from anywhere in the world. Experience the freedom and flexibility that Quantum Rudder offers and say goodbye to the limitations of in-person network management.





End-to-end hardware and cloud integration

Unlike traditional networking vendors that offer fragmented solutions requiring multiple management platforms, Quantum Networks provides a single pane of glass for complete network visibility. Our scalable architecture grows with your business—from small enterprise deployments to industrial-scale operations—without performance degradation.



Scalable across enterprise and industrial environments



Superior latency and uptime guarantees



Proven interoperability and security standards

KEY ADVANTAGES & COMPETITIVE EDGE

Quantum Networks delivers what traditional solutions cannot: true end-to-end integration of hardware and cloud management. Our unified ecosystem ensures superior latency under 1ms and 99.999% uptime guarantees. Every component is designed to work seamlessly together, eliminating compatibility issues and reducing operational complexity.

Proven interoperability across multi-vendor environments with enterprise-grade security standards including zero-trust architecture and encrypted management.



DEPLOYMENT & SUPPORT ECOSYSTEM

Quantum Networks provides comprehensive deployment and support services to ensure your network infrastructure operates at peak performance. Our expert team guides you through every stage, from initial planning to ongoing maintenance, delivering seamless integration with your existing systems.

Access our training and certification programs to empower your IT team with the skills needed to maximize your investment.

✓ **Flexible deployment: on-prem, cloud, hybrid**

✓ **Expert support and consulting services**

✓ **Regular software updates and security patches**


✓ **Training and certification programs available**



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THANK YOU FOR YOUR ATTENTION

Discover how Quantum Networks can transform your connectivity.
Contact us for demos, trials, and consultations.

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