

Secure Networking SD-WAN

Transform Connectivity. Strengthen Security. Simplify Management.

Solution Overview

As organizations move toward cloud-first operations and distributed workforces, traditional WAN architectures often struggle to deliver the speed, security, and flexibility today's businesses demand. Static routing and legacy MPLS networks can create costly bottlenecks, limited visibility, and inconsistent application performance across sites.

Katalyst helps businesses modernize their network infrastructure through the deployment of Software-Defined Wide Area Networking (SD-WAN) technologies from trusted partners such as Cisco Catalyst, Meraki, and Fortinet. SD-WAN replaces rigid, hardware-centric architectures with an intelligent, software-driven approach that optimizes traffic routing based on performance, cost, and security needs.

By leveraging SD-WAN, organizations gain faster cloud connectivity, stronger protection, and simplified operations. Katalyst designs, implements, and manages these environments to ensure every connection is secure, efficient, and aligned with business goals.

Your Challenges & How Katalyst Helps

High WAN Costs and Limited Flexibility

Traditional MPLS networks are expensive and inflexible, making it difficult to scale or support a hybrid workforce efficiently.

Katalyst helps organizations design and deploy SD-WAN architectures that reduce reliance on MPLS, cut circuit costs, and increase flexibility through intelligent, cloud-based routing.

Inconsistent Application Performance

As applications move to the cloud, traditional WAN paths can cause latency, poor video quality, and user frustration.

Katalyst engineers configure SD-WAN to automatically select the best path for each application, improving performance for critical workloads like Microsoft 365, Salesforce, and VoIP.

Limited Visibility and Control Across Sites

Managing multiple branch connections with traditional routers can make it difficult to troubleshoot or enforce consistent policies.

With centralized orchestration and analytics, Katalyst gives IT teams full visibility and control across all sites from a single pane of glass, simplifying operations and accelerating response times.

Growing Security Risks with Internet-Based Connectivity

As more traffic moves outside traditional perimeters, security becomes harder to maintain.

Katalyst integrates SD-WAN with Secure Access Service Edge frameworks, next-gen firewalls, and zero-trust principles to keep users, data, and apps secure no matter where they connect.



“Our SD WAN project was kicked into high gear right as COVID hit. 22 branch sites were converted over and to say that [Katalyst Engineer] went above and beyond on this effort would be a huge understatement. This was a very technically challenging project with about 8,562 moving parts and a lot of long hours.” Chris Libby, IT Director, Spero Financial

Explore Katalyst's Services Catalog:

Here's a quick look at the extensive list of services we provide to our clients:

On-Demand Services

- SDWAN / Routing
- Switching
- Wireless
- Firewalls
- Network Access Control
- Segmentation
- Data Center Networking
- Secure Access Service Edge (SASE)
- Endpoint Security
- Email Security
- Identity & Identity Protection
- Hybrid Cloud
- Risk Management
- Security Awareness Training
- Backup & Data Protection
- Cloud Calling
- Collaboration
- Contact Center
- Endpoint Management
- Workload Security
- Security Analytics
- Security Analysis and Roadmap
- Network Analysis and Roadmap
- Cloud Analysis and Roadmap
- Vulnerability Assessment
- Automation / AI
- Email Migrations
- Incident Response

On-Going Services

- Managed Infrastructure Services
- Managed SIEM / SOC Services
- Managed Detection and Response
- Managed Compliance Services
- Managed Help Desk Services
- Managed Microsoft Services
- Managed Data Protection Services
- Private / Public Cloud Infrastructure
- Modern Workplace Solutions
- Advisory Services

82%

of organizations say network complexity and security concerns are the biggest barriers to digital transformation. SD-WAN helps simplify operations while strengthening protection.



About Katalyst

For over 18 years, Katalyst has helped organizations create and execute their technology vision to go further, faster. From addressing complex challenges to embracing exciting opportunities, clients trust our team's experience and expertise across cybersecurity, modern infrastructure, and cloud computing.

Take your next step forward to achieve reliable IT operations and cost efficiency through our comprehensive suite of on demand and ongoing services. Trust we will deliver on the Katalyst Guarantee: if you are not 100% satisfied with our services, we will either make it right or refund you for the last 30 days of service.

Ready to modernize your network with secure, high-performance SD-WAN?

Schedule a call with the Katalyst team to learn more: 704-790-4440