Lightpath

LP FlexNet

Managed SD-WAN + All-Fiber Connectivity

Transform Your Network with Next-Gen SD-WAN + Lightpath Next-Gen Connectivity

LP FlexNet: Managed SD-WAN Solutions

LP FlexNet is Lightpath's managed SD-WAN (Software Defined Wide Area Network) solution that can be combined with Lightpath next-generation fiber connectivity, resulting in a true, high-performance end-to-end solution.

Whether planning your first SD-WAN deployment or considering upgrading from an early-generation SD-WAN platform, Lightpath offers the expertise, modern SD-WAN platforms, connectivity, and local support to be the perfect partner for your WAN evolution.

Lightpath SD-WAN solutions can transform your network into a cutting-edge performance machine with centralized management, integrated security, and unparalleled visibility and flexibility to optimize connectivity including Cloud services.

LP FlexNet Solution Benefits

LP FlexNet SD-WAN ensures superior performance, security, scalability, and management across your entire network. Two management models are offered, fully managed or co-managed, to align with your requirements and internal capabilities.

When LP FlexNet is combined with next-generation connectivity from Lightpath, customers can realize:

- **Reduced CapEx and OpEx**
  Save capital on initial equipment and license purchasing. Enjoy lower and/or more efficient operating expenses with predictable pricing.
- **Faster Design & Deployment**
  Leverage Lightpath SD-WAN experts to analyze your network and future goals and then design and deploy your new SD-WAN solution more quickly.
- **Optimized Network Performance**
  The effectiveness of any SD-WAN solution depends on the underlying connectivity. Lightpath can help optimize bandwidths, reduce latencies, and address any high-availability requirements.
- **One Solution, One Provider with Local Support**
  Lightpath can design and deploy a holistic SD-WAN solution with connectivity through one provider for design, deployment, billing, and local support in your market.

Two Next-Gen SD-WAN Options

Lightpath offers LP FlexNet with next-gen SD-WAN platforms by either Cisco Meraki or Versa. Each have strengths that can make them a better fit for different types of requirements.

Both solutions offer next-gen SD-WAN features like centralized management and orchestration, integrated security, hybrid/multi-Cloud integration, WAN optimization, and optimized traffic management.

They each also offer different approaches to some features:

LP FlexNet with Meraki SD-WAN

- **Architecture –** Intuitive management tools designed to simplify operations.
- **Security –** Built-in with Next-Generation Firewall (NGFW), Intrusion Detection & Prevention (ID/IPS), and Advanced Malware Protection (AMP). Integrates with Cisco Umbrella & Zscaler.
- **Scalability –** Scales well for deployments with simpler requirements. Lacks robust WAN optimization.
- **Management –** Simple drag-and-drop policy creation. Best for organizations with limited IT resources.
- **Cost Considerations –** Lower cost for mid-sized organizations or simpler needs.

LP FlexNet Plus with Versa SD-WAN

- **Architecture -** Flexible management with deep integration into Virtualized Network Functions (VNFs), Multi-Tenant Architectures.
- **Security -** BYO or deep integrated security: Secure Access Service Edge (SASE), Zero Trust Network Access (ZTNA), Unified Threat management (UTM), Secure Web Gateway (SWG).
- **Scalability –** Highly scalable for large organizations, supports high-performance routing, WAN optimization, and dynamic traffic steering, strong QoS for real-time applications.
- **Management -** More complex due to deep customization, requires deep expertise for full optimization.
- **Cost Considerations -** Higher costs, more flexibility and advanced features, longer-term ROI.

Call **877-544-4872** or visit **lightpathfiber.com**

Choosing the Best LP FlexNet Solution for Your Organization

Choosing which SD-WAN option is best for your WAN transformation depends on the unique requirements of your organization. Lightpath is here to help with the expertise to analyze your existing network, listen to your goals, and make recommendations. We work with you to design, deploy, and support your SD-WAN along with any other Lightpath connectivity you might need to help optimize your true end-to-end network solution.

	LP FlexNet: Meraki	LP FlexNet Plus: Versa
Management Model	• Fully Managed or Co-Managed	• Fully Managed or Co-Managed
Integrated Security	• Comprehensive, less customizable • Some security features require other Cisco security products, like Umbrella	• Deep integrated security, granular customization: location, device, application, user • SASE, ZTNA, SWG, UTM
Security - BYO	• Not supported	• Supports BYO Security
Scalability	• Best for smaller to mid-sized organizations or those with many branch locations	• Enterprise-grade, support large-scale deployments
Customization	• Limited customization, streamlined experience	• Highly flexible, granular control over policies
Max Throughput with Security	• Max 4 Gbps	• 10+ Gbps

SD-WAN is Important. SD-WAN is Complex. Lightpath is Here to Help.

Lightpath is more than a fiber infrastructure and connectivity provider. We are your strategic network partner, delivering connectivity and customized solutions that can transform your organization's network. Lightpath has been successfully helping thousands of organizations with mission-critical connectivity solutions for over 30 years.

When choosing an SD-WAN partner for your network transformation, consider these 4 questions:

1. Do they offer the SD-WAN platform and managed service model that fits your needs?
2. Do they offer a consultative approach, a willingness to analyze your network & requirements, and work with you to design and deploy your customized SD-WAN solution?
3. Can they offer the underlying next-gen, all-fiber connectivity that will power your SD-WAN solution?
4. Can they offer 24/7 live, local support & operations, in your service area, for fast action?

Ready to transform your network?

Call 877-544-4872 and connect with a Lightpath expert today, or visit lightpathfiber.com

Lightpath