

**127 new devices connect to the Internet every second.
The way we work has changed...**

Now, more than ever, businesses have users and devices that are consuming applications from multiple different clouds. The modern workforce is increasingly mobile and traditional Wide Area Network (WAN) architectures can't keep up due to security challenges and increased complexity. FirstLight's SD-WAN portfolio simplifies and centralizes the management of your WAN and enables the rapid deployment of branch, data center and multi-cloud network services.

What can FirstLight SD-WAN offer your organization?

- Scalability to support 10,000+ locations
- Rapid deployment with zero-touch installation
- Templated configurations for efficient service provisioning
- Centralized management to enable deep application visibility and control
- Transport flexibility to ensure network resiliency and uptime
- Security and segmentation via centralized policies

Firstlight Offers a Portfolio of SD-WAN Solutions Tailored to Fit Your Specific Business Needs

SD-WAN Foundation

SD-WAN Foundation provides fundamental branch management, increased visibility and enhanced network security in order to manage your WAN efficiently and cost-effectively. Its cloud-based platform allows your organization the flexibility to grow and scale when and where you need.

Features:

- Cloud dashboard for centralized management, alerts and analytics
- Self-provisioning VPN network link failover, and basic application load sharing
- Next generation firewall with URL filtering, advanced malware protection and intrusion prevention/detection services
- Safe search and YouTube filter for schools and libraries
- Client-to-site VPN

SD-WAN Advanced

SD-WAN Advanced takes it a step further by separating data and control planes to quickly establish an SD-WAN fabric to connect data centers, branches and colocation facilities. This provides a highly flexible software-defined network architecture, enabling unlimited topologies and segmentation for security and application performance.

Features:

- Orchestration engine provides streamlined management, application visibility, deep analytics and telemetry
- Highly scalable, transport-independent network fabric overlay provides superior application performance, link load balancing and instantaneous link failover
- Firewall with stateful packet inspection
- Unlimited segmentation and topologies
- Cloud onRamp for SaaS enhances cloud application performance

Network Assurance

FirstLight's Network Assurance allows you to maximize the benefits of your SD-WAN solution by providing consultative services and ongoing solution support via a dedicated managed response engineering team.

Design:

FirstLight will work with you to assess your current network and design a solution to best fit your business and technical needs.

Implement:

FirstLight will configure and deploy all equipment, along with providing implementation assistance to ensure your business doesn't miss a beat.

Operate:

FirstLight's support doesn't end at the implementation, we provide ongoing 24x7 support, management and maintenance, including major and minor software upgrades and security patches.

Without FirstLight SD-WAN

vs.

With FirstLight SD-WAN

WITHOUT

WITH

Defend Against Threats

197 days until the average company detects threats on their network.

Reference: Cisco 2018 Annual Cybersecurity report, Cisco 2018.



You have the right security at the right place, from user to application. On average, it takes 4.6 hours for FirstLight to detect threats on our network.

Optimize Your Network

Network congestion, high-latency, and failed links. While cloud-based applications are key, without the right network, they complicate performance. Application performance issues have greater than a 9% impact on revenue.

Reference: 2018 Cost of a Data Breach Study, Ponemon Institute, July 2018.



FirstLight SD-WAN dynamically steers traffic around network issues for optimal delivery of business applications. A healthcare company using the Cisco-based SD-WAN platform saw 5x improvement in Office 365 performance.

Rapidly Deploy Services

A traditional WAN deployment can take several months to provision, configure and install.



With FirstLight's SD-WAN platform and Network Assurance, you can reduce your deployment window from months to hours.

Enable Resiliency

The average cost of IT downtime is \$5,600 per minute. The network you choose to your business applications is critical to your success. Outages are common and detrimental to operations and lead to lost efficiency, revenue and customer loyalty.

Reference: <https://blogs.gartner.com/andrew-lerner/2014/07/16/the-cost-of-downtime/>



FirstLight's SD-WAN platform and performance-oriented fiber optic network provides both a superior network experience and transport flexibility to ensure business continuity and application performance.