

## SD-WAN

# Transform your network and customer experience

Enterprises today are struggling to deliver the personalized, secure, anytime experience customers and employees expect. Traditional networks can't keep up. Using a robust FortiGate appliance, SD-WAN employs innovative software-defined networking (SDN) and network functions virtualization (NFV) to deliver advanced unified threat management (UTM) features that protect your network and enable cloud-ready and cost-effective networking.

**3X** Global IP traffic will increase threefold over the next 5 years<sup>1</sup>

**83%** of enterprise workloads will run in the cloud by 2020<sup>2</sup>

## SD-WAN

SD-WAN from Windstream Enterprise combines the intelligent, dynamic traffic routing of SD-WAN with consulting and professional services to help you create a customized hybrid WAN solution that utilizes the best available access options.

### Application visibility & control

Centrally manage and deploy routing policies via the WE Connect portal

### Dynamic WAN selection

Preserve application performance based on pre-set thresholds

### Application optimization

Monitor and improve network paths for higher quality

### Dynamic IPsec deployment

Enable end-to-end encryption for secure data transmission over public networks

### Security

Protect customer data and your brand with unified threat management features

### Managed service

Remove the burden of management with a fully-managed service and an intuitive self-service portal

### Flexible connectivity

Unify disparate locations with any access and connect to leading cloud service providers with SD-WAN Cloud Connect

### Dual active links

Increase resiliency with redundant and diverse connections at each location

# How does SD-WAN deliver on your needs?



## Optimize Your Network and Costs

Converge voice, data and video applications on the same IP backbone.

Deliver cloud-based apps with high performance and virtually no downtime.

Augment MPLS connections with a second WAN, using any provider and access type.

Use cost-effective and readily available access methods.

Replace “skinny” T1s with lower-cost, higher-bandwidth broadband alternatives.

Reduce your per-Mbps cost by up to 90%.

Scale to support connections up to 12 Gbps.



## “Mobile First” WE Connect Portal

Gain complete visibility and control.

View real-time performance in a centralized dashboard.

Instantly modify business and security policies.

Customize naming and tagging of devices and destinations to simplify reporting.



## Improve security

Ensure intrusion protection, URL filtering, application control and SIEM protection with unified threat management.

Create a virtual private network on top of existing connections.

Encrypt all traffic with IPsec to secure any access type.

## About Windstream Enterprise

Windstream Enterprise collaborates with businesses across the U.S. to drive digital transformation by delivering solutions that solve today’s most complex networking and communication challenges.

To learn more about SD-WAN, visit [windstreamenterprise.com](http://windstreamenterprise.com)

# Why Windstream Enterprise?

## Leading SD-WAN Provider

Windstream Enterprise is the leading SD-WAN service provider with thousands of customers.

## Leading Security Provider

Fortinet was named a “leader” in the Gartner Magic Quadrant for Unified Threat Management (SMB Multifunction Firewalls).<sup>3</sup>

Fortinet named as a “leader” in the Gartner Magic Quadrant for Enterprise Network Firewalls.<sup>5</sup>

## Advanced SD-WAN Technology

Fortinet was named a “challenger” in the Gartner Magic Quadrant for WAN Edge.<sup>4</sup>

## SD-WAN Cloud Connect

Optimize connectivity to cloud service providers by bringing applications closer to end-users to reduce latency.

## Cloud Core™ Architecture

Get improved cloud-based application performance with diverse, low-latency connections to cloud providers—backed by our heritage as an Internet Service Provider.

## Windstream Enterprise SD-WAN Community

A forum to learn and collaborate. Ask questions, share best practices with peers, learn about new enhancements and provide feedback. [Join now.](#)

## Product of the Year Award for SD-WAN



2019, 2018

1. “Cisco Visual Networking Index: Forecast and Trends, 2017–2022 White Paper,” (updated 27 February 2019).

2. LogicMonitors: Cloud Vision 2020: The Future of the Cloud Study, November 2018.

3. Gartner Magic Quadrant for Unified Threat Management (SMB Multifunction Firewalls), Rajpreet Kaur & Claudio Neiva, 20 September 2018.

4. Gartner, Inc., Magic Quadrant for WAN Edge Infrastructure, Joe Skorupa, Andrew Lerner, Christian Canales, Mike Toussaint, October 10, 2018.

5. Gartner Magic Quadrant for Enterprise Network Firewalls, Adam Hills, Jeremy Dolina, Rajpreet Kaur, 4 October 2018.