How prepared is your network for cyber threats?

With cloud migration, the Internet of Things (IoT) and the proliferation of data centers, business networks are seeing more—and more vicious—attacks.

Global spending on cyber security products and services for defending against cybercrime is projected to exceed $1 trillion by 2021[1]

Cybercrime costs will grow to $6 trillion by 2021[1]

By 2020, more than 25% of identified attacks in enterprise businesses will involve IoT[3]

The best way to improve risk management, defend your data and protect customers?

Go private.

Private edge data centers incorporate optical encryption to secure in-flight data in the transport layer of the network as it's carried over optical waves.

1. Fixed, dedicated capacity
2. Lowest possible latency
3. Inherent security and reliability

To fortify their critical data paths, web-scale providers are building and interconnecting data centers with lightning speed.

Distance

Large data flows can be carried over long distances and fiber types without compromising speed and performance.

Capacity

Optics increase transport capacity, unlocking new speeds of 200G and beyond over any distance.

Security

Data is encapsulated entirely within a transparent, dedicated optical transport service without additional hardware.

Management

Make it easy for enterprises to adopt carrier-grade, fiber-based bandwidth services without building and running their own data center interconnection.

Cost

Application-optimized platforms allow data centers to connect faster with simple planning, ordering and installation.

Encryption

As more sensitive information gets distributed across fiber-optic networks, the IT security approach incorporates robust in-flight encryption, in addition to server security and at-rest encryption.

Wavelength Services from Windstream Enterprise

Leading the market in data center interconnect

Wavelength Services Cloud Core™ architecture helps you take control of your critical data demands with a dedicated optical network.

It's secure

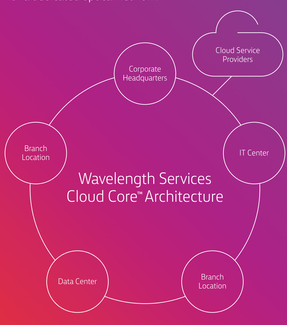
You gain complete control to determine the security with your private network.

It's resilient

Wavelength Services offers fully dedicated bandwidth for the lowest latency—coupled with multiple recovery options for business continuity.

It's flexible

Large data flows can be carried over long distances and multiple fiber types without compromising speed and performance.



With our $3B network expansion, you get greater control, higher flexibility and faster deployments on one of the largest transport networks in North America.

Over 150,000 miles of fiber nationwide

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 Wavelength Services, visit windstreamenterprise.com

1. Morgan, Steve. "2017 Cybercrime Report." Cybersecurity Ventures. Cybersecurity Ventures sponsored by Herjavec Group, cybersecurityventures.com/2017/wp-wse-content/uploads/2017/10/2017-Cybercrime-Report.pdf, p. 6. Accessed 9 Feb. 2018.
2. Morgan, p. 6. Accessed 9 Feb. 2018.
3. "Gartner Says Worldwide IoT Security Spending to Reach $348 Million in 2016." Gartner, 25 Apr. 2016, www.gartner.com/newsroom/id/3291317. Accessed 9 Feb. 2018.

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