

A complex network diagram background with numerous nodes and connecting lines. The nodes are colored in a gradient from red on the left to green on the right. The lines are thin and connect the nodes in a dense, web-like pattern.

# Powerful, affordable protection from network outages and attacks

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DDoS Mitigation Service

WINDSTREAM ENTERPRISE

# DDoS attacks are on the rise

Distributed Denial-of-Service (DDoS) attacks are becoming increasingly pervasive, malicious, complex and costly to address.

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4.83 Million DDoS attacks in the first half of 2020<sup>1</sup>

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25% growth in DDoS attack frequency during pandemic lockdown months of March-June 2020<sup>1</sup>

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They come in the form of multiple cyber-attacks that take down an online service, preventing users and customers from accessing critical resources. Businesses need a sophisticated Internet protection service to proactively monitor and protect before an outage occurs.

## Windstream Enterprise DDoS Mitigation Service

The severity of a DDoS attack is completely dependent on how long it goes unnoticed and how quickly action is taken to mitigate the threat. The Windstream Enterprise DDoS Mitigation Service is a fully managed service that monitors, detects, validates and mitigates attacks—even on third-party networks—before an outage or related damage occurs.

### **Eliminates costly downtime and threats**

With our comprehensive monitoring and rapid response, if a DDoS attack is detected and validated, you're notified within 15 minutes. Mitigation then begins based on attack identification and mitigation SLAs. This ensures there is little to no downtime. And because it's integrated into the network, the entire process can happen without your involvement.

### **Ensures business continuity and resiliency**

The 24/7 solution serves as a critical part of our comprehensive continuity program, safeguarding your business from the costs and damages that can result from network outages, including those to your reputation and brand.

### **Essential part of a complete security strategy**

Ransomware, malware and security breaches get a lot of press, but the potential damage from a DDoS attack can be substantial. No security strategy is complete without this type of protection.

## Why is it necessary?

### Every business is at risk

The threat extends across regions, industries and business size. And any network downtime can impact your business's performance and expose it to data exfiltration by hackers.

### The threat exists whether or not you've been attacked before

All networks are susceptible to an attack, and attacks are steadily increasing. It's imperative to preemptively protect yourself from the risks of a DDoS attack, and it's an essential element of an overall security strategy to protect against intrusion and ensure compliance.

### It's a small price to pay for confidence

We offer an SLA-backed response to detect attacks at an affordable price—part of a complete offering from a leader in network and security services. Our DDoS Assurance option provides the same level of protection but at a lower monthly fee, covering one mitigation per month, with subsequent mitigations automatically billed.

## The Windstream Enterprise DDoS Mitigation Service advantage

### Increased productivity

The cost-effective monthly fee covers both monitoring and mitigation, regardless of the number or scale of attacks.

### Part of a complete offering from a security services leader

The Windstream Enterprise DDoS Mitigation Service is part of a complete range of security services, giving you a single trusted source to ensure protection and compliance throughout your enterprise.

### Seamless access with network-agnostic protection

Our fully managed service protects both Windstream Enterprise and third-party networks for complete coverage.

## Service elements and options

Windstream Enterprise DDoS Mitigation Service	MRC	NRC
24/7 monitoring and mitigation		
DDoS portal		
Proactive mitigation	•	•
Auto-mitigation*		
DDoS Assurance option available		
Options	MRC	NRC
Critical asset monitoring (not available with DDoS Assurance plan)	•	
Protect high-availability active/active* (not available with DDoS Assurance plan)	•	•
Protect high-availability active/passive* (not available with DDoS Assurance plan)	•	•
Expedite activation		•

\* Windstream Enterprise Internet only.

CASE STUDY:

# State government safeguards network and trust

## Summary

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Agency experienced DDoS attacks

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Team could not determine the source or frequency

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WE quickly implemented DDoS Mitigation Service

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Agency network is now protected against attacks

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The cost of a DDoS attack is often thought of in terms of the records compromised, but there's a potentially far greater threat for a government agency. When a state government's systems are attacked, citizens may question the integrity and ability of its leaders to protect them and their information. One agency learned a difficult lesson but acted quickly to implement a strategic and cost-effective solution with Windstream Enterprise.

The Windstream Enterprise network operations center (NOC) uncovered a series of DDoS attacks across the state's network. While the team had suspected network issues, they were unable to detect how many attacks they experienced. And that meant they had little ability to prevent the same thing from happening again.

Windstream Enterprise met immediately with the agency to report on the findings and their impact and propose a strategic path forward. With an attractive bid for Windstream Enterprise DDoS Mitigation Service, the state realized that proactive, cost-effective DDoS mitigation was within reach.

Today, the state remains very pleased with Windstream Enterprise DDoS Mitigation Service. The solution has helped them discover additional threats and has prevented others, continuously safeguarding its citizens' information and their trust in the organization.

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“In addition to educating the agency about how DDoS attacks impacted our network, the Windstream Enterprise team demonstrated how threats could be alleviated simply and easily by the addition of a DDoS Mitigation service.”

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## Customer fast facts

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Southern U.S. state government

EMPLOYEES

70,000+

LOCATIONS

1,200+

1. NETSCOUT Threat Intelligence Report, Cybercrime: Exploiting a Pandemic, September 2020

### 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 DDoS Mitigation, visit [windstreamenterprise.com](https://windstreamenterprise.com)

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