Lumen® Cyber Resiliency

Comprehensive protection, detection and response for critical customer data

In today's complex threat landscape, businesses are under constant pressure to safeguard mission-critical data. Now accelerated by AI, successful execution of cyber attacks can disrupt operations, erode customer trust, damage reputations, and drain financial resources, making it imperative for organizations to adopt a proven, layered security strategy that hardens defenses and effectively combats bad actors.

Modern and AI-driven attacks create serious risks for even the most security-mature organizations. Native tools only offer baseline capabilities, exposing critical gaps in performance, coverage, and speed. Most hyperscalers follow a shared responsibility model. They secure their platform. You still have to secure, house, and ensure that your critical data remains protected.

Resilient By Design

Secure Connectivity with Lumen NaaS

High speed and secure network connectivity dedicated to app backup rapid recoverability

Proactive Storage with NetApp ONTAP

Threat-aware storage that responds in real-time to active cyber events

Advanced Data Protection with Commvault Cloud

Recovery of data, applications and access controls in an isolated cleanroom

What a **good** security posture looks like

- **Actively Defend**: Network- and storage-based detection provides multiple layers of data protection against threats.
- **Anticipating Risk**: Security-centric storage helps classify data, identify and remediate vulnerabilities and enable recovery readiness.
- **Accelerating Response**: Isolated and pristine data backup environments support rapid restores to minimize business downtime.

"By combining…AI innovation with Lumen's powerful network edge, we're turning vision into action—making it easier for businesses to tap into real-time intelligence wherever their data lives, accelerate innovation, and deliver smarter, faster customer experiences."

– Kate Johnson
Chief Executive Officer, Lumen

LUMEN®
TECHNOLOGIES

The Lumen Solution

Lumen® NaaS and Black Lotus Labs
Power protection and response operations

- Port connectivity with on-demand networking capabilities to be provisioned within minutes
- Integrated Network Cybersecurity
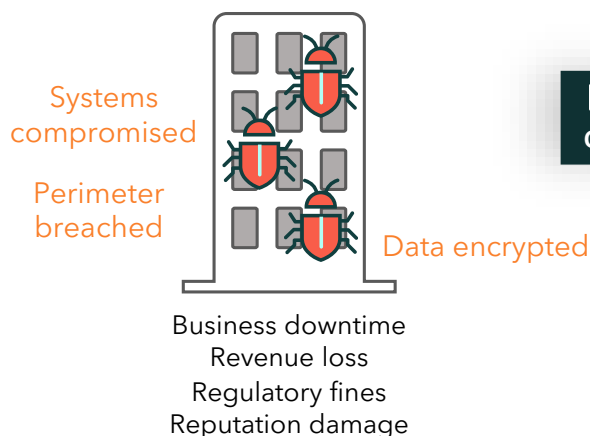- Threat Repulsion and Network Visibility provided by Black Lotus Labs

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Lumen® Network Storage with NetApp
Maintain pristine, governable, and accessible data copies

- NetApp BlueXP™ Orchestration for increased visibility into data
- Immutable snapshots of live data
- Layered data classification and governance capabilities

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Lumen® Data Protect with Commvault Cloud™
Enable rapid recovery of data and cloud apps

- Immutable and isolated backups
- Rapid cloud app rebuilding leading to efficient recovery
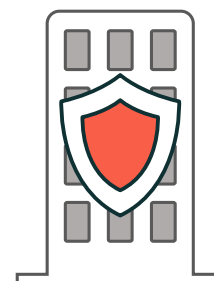- Comprehensive workload coverage

Systems compromised

Perimeter breached

Data encrypted

Business downtime
Revenue loss
Regulatory fines
Reputation damage

LUMEN CYBER RESILIENCE — Quickly and efficiently to recover to known-clean environments

Network security

BLACK LOTUS LABS

Ideal Security Posture
Minimize exposure
Maximize resilience
Strengthen continuity

Figure 1
Modernizing security posture with Lumen Cyber Resilience

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BEST PRACTICES AWARD

2025

NORTH AMERICAN EDGE SOLUTIONS COMPANY OF THE YEAR AWARD

Why Lumen?

The Lumen Edge Storage portfolio is dedicated to proactively defending next-gen and AI applications at each level. Lumen's comprehensive approach to cyber resiliency provides customers with a unique solution that actively analyzes threats before they occur, secures your data if attacks happen, and positions you to rapidly recover to business-as-usual.

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LUMEN® TECHNOLOGIES