Whole of State cybersecurity to manage risk across the State

The State and Local Cybersecurity Grant Program (SLCGP) is an unprecedented opportunity for all levels of government in a state to come together to fight a common problem – escalating cyber threats. Compounding this challenge is the growing talent shortage and siloed approach to manage cyber risk. With increased demand to deliver scalable and connected citizen services across jurisdictions, disruptions to operations from cyber attacks is simply not an option and can cause irreparable damage to citizen trust in government.

Achieving a Whole of State security strategy in partnership with Lumen

Enabling government business and empowering public servants through collaboration, standardized governance, common tooling, resource optimization, and automation all focused on sustainable and equitable growth is the Lumen value. Our culture and our services embrace a customer-centric approach to meet customers where they are and build long-term partnerships. We measure our success by reducing risk to your environment while enabling you to measure your success in the trust bestowed by the citizens. Team, Trust and Transparency are the Lumen core values and how we conduct business with our customers.

We are not any technology partner. We operate and manage one of the largest, most peered networks in the world and we are the defenders of clean internet. We actively disrupt and take down cyber adversaries every single day, and our threat intelligence shapes the risk efforts at a national level, as a founding member of the National Joint Cyber Defense Collaborative (JCDC).

> " Everything in a state is connected. Local communities are connected to the state government and each other. To protect any one piece of IT infrastructure in the state, you have to protect it all."
>
> — **Vinod Brahmapuram**
> **Senior Director of Security at Lumen**
> **and Former CISO for Washington State**
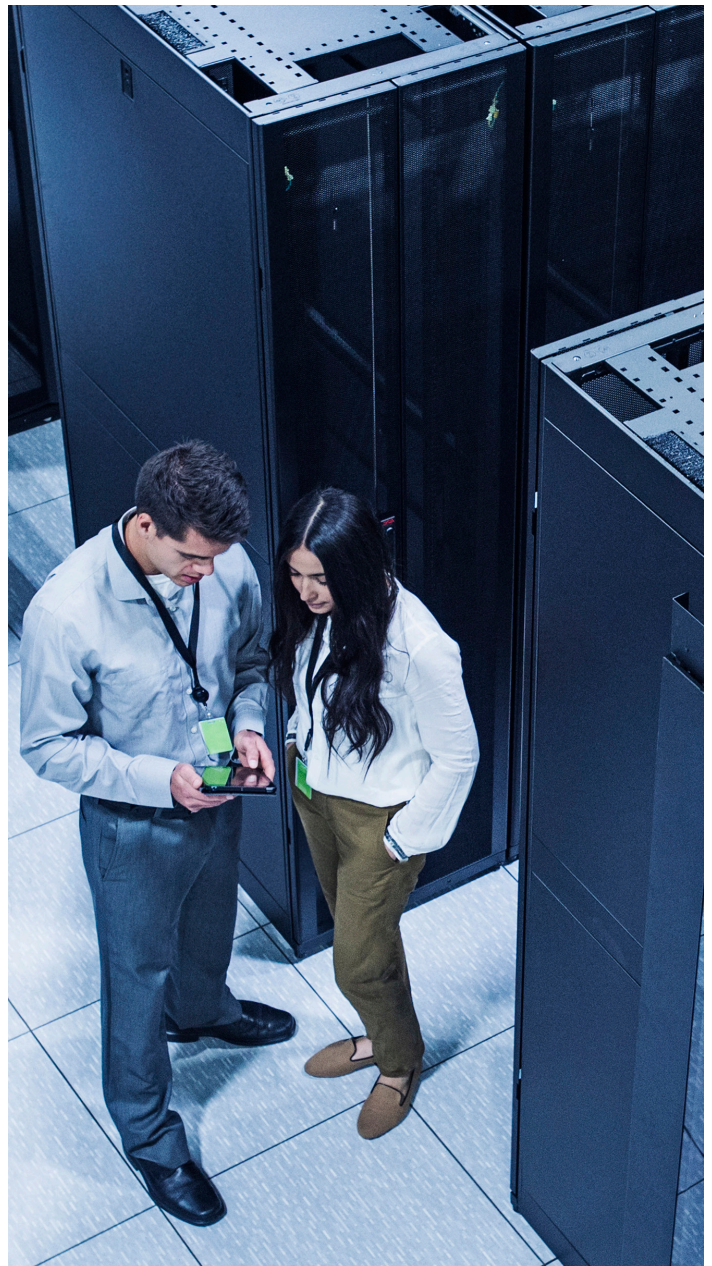
LUMEN®

Our methodology

Maximizing your investment to create a measurable and sustainable growth to your security posture is the primary driver of our methodology. Lumen understands the need for a methodology to support states' plan to implement an effective risk management strategy that effectively identifies gaps in current capabilities while sustaining current capabilities. A rip and replace model is neither effective nor sustainable for cyber modernization efforts.

Governance and planning

- Drive and optimize your cybersecurity planning with proven security expertise.
- Enable current efforts and working groups with insights to data, metrics, and outcomes for successful planning.

Workforce development

- Support in comprehensive planning by implementing ongoing education, training and exercises for workforce development.
- Develop procedures to align with cybersecurity priorities.
- Advise on where the organization should invest in internal talent versus outsourcing roles.

Assessment and evaluation

- Identify cyber security risks to systems, assets, data and organizational policies within and across jurisdictions.
- Implement cybersecurity assessments and continuous monitoring to develop a common framework across the jurisdiction's systems, applications, data and users.
- Initiate regular vulnerability assessments, penetration testing, ransomware assessments to evaluate the risks.

Remediation and mitigation

- Implement procedures to manage, continuously monitor, and track threats based on risk severity across information systems, applications, and users.
- Leverage advanced threat intelligence from our #1 most peered network[1] globally for unique visibility into emerging threats.
- Integrate managed security services with 24/7/365 monitoring for threat detection and Response.

We disrupt threats

We track **~2.3M threats** per day for a comprehensive understanding of the global landscape.

~150 C2s disrupted per month through takedowns and notifications.

We feed over **200B NetFlow sessions** into our machines learning models daily.

We mitigate **6300 DDoS** attacks per quarter.

We keep tabs on bad actors, actively monitoring **~46,000 C2s** per day.

We collect **~1B DNS queries** per day for continuous learning.

Why Lumen?

Lumen connects the world. We are dedicated to furthering human progress through technology by connecting people, data, and applications – quickly, securely, and effortlessly. We actively disrupt and take down cyber adversaries every single day, and our threat intelligence shapes the risk efforts at a national level. For over half a century, we've helped the public sector accelerate transformation and enable progress to help keep America safe, healthy, engaged, and ready for what's next.

LEARN MORE HERE

1. CAIDA AS Rank, December 2022

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