# Lumen℠ Adaptive Threat Intelligence with Rapid Threat Defense

See more. Stop more.

The number and sophistication of threats to business data and infrastructure are on the rise—as is the volume of threat data your teams are left to sift through. Lumen Adaptive Threat Intelligence (ATI) delivers high-fidelity threat intelligence in near real-time via customer portal or security information event management system (SIEM) to reduce in-house workloads and speed response. We manage threat correlation for our customers, saving precious time and unneeded expense, so you can focus internal security staff on addressing the threats specific to your business.

## Empowering defenders with automated threat detection and response

Security teams are facing increasing costs and diminishing resources, often forced to piece together threat intelligence solutions from a variety of vendors and sources—intelligence which may or may not be applicable to their industry, their geographic footprint or the nature of their business. Lumen ATI with Rapid Threat Defense enhances your ability to quickly respond to and protect against the daily attacks on critical resources by allowing you to set automated response policies based on threat score.

| Without Lumen | | With Lumen |
|---|---|---|
| Acquire infrastructure | Procure reports | Provide your IP address |
| Process reputation feeds | Hire expert staff | Review your portal |
| Obtain analytics | Integrate into SIEM | Set policies based on threat score |
| Procure UI tool | Act against threats | Automate threat response |

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## How it works

- ATI is powered by our unique visibility into the global threat landscape through our threat research and operations arm, Black Lotus Labs.

- Black Lotus Labs uses global network data flows from one of the world's largest and most deeply peered IP backbones combined with machine learning algorithms to detect, classify and validate threats as they develop, providing original threat discovery not available from most other vendors.

- Our automated validation technology provides high-fidelity intelligence by correlating traffic against known malicious sources and conducting direct dialog with those entities.

- ATI offers customizable alerting for high-risk events and access to near real-time reporting and analytics, either portal-based or SIEM.

## Features

- Actionable, automated and context-rich reports with threat visualization and prioritization provided by Lumen and based on targeted IP and domain analytics.
- Policy-based threat mitigation with Rapid Threat Defense to respond to threats based on customer-specific criteria, such as blocking malicious domains by policy or blocking pre-selected domains.
- Supported 24/7 by Lumen global Security Operations Center experts.
- Our "as-a-Service" model ingests and analyzes customer device logs for end-to-end current and historical analysis via feeds to LumenSM Security Log Monitoring platform or other SIEM.
- Comprehensive solution delivered "as-a-Service"—no expensive on-site equipment or installation.
- No long development cycles or difficult integration.
- The Lumen team of experts provide 24/7 support, saving the challenge and expense of hiring new talent.

## Flexible feature options

- Available in enhanced and premium feature packages; we offer LumenSM Professional Security Services engagements as an optional add-on.

## Pricing options

- Options are tiered by number of IP addresses covered.
- Enhanced service level includes portal visibility and customer log analysis.
- Premium service level includes SIEM-ready data feed and Rapid Threat Defense.

## Why choose Lumen for threat intelligence and automated detection and response?

- **Expansive view of threat landscape**
  Lumen Black Lotus Labs provides sophisticated analytics and analysis that evolve as threats change in form, complexity and volume.
- **Cost and operational efficiencies**
  Portal/SIEM and Rapid Threat Defense implementation reduces the need for technology deployment and maintenance, while sharing near real-time customer-data-driven visualizations, customizable alerts and automated response.
- **Actionable threat intelligence**
  ATI tracks two-way communications to help defend against cyber-threats and reveals attack patterns such as geographic trends, as well as victim and attacker profiles.
- **Automated threat detection and response**
  ATI supports automated detection and response to known threats in near real-time based on customer-specific policies.

Leveraging the visibility and expertise of Black Lotus Labs, Lumen Adaptive Threat Intelligence delivers high-fidelity data and automated response capabilities to help network defenders better protect critical resources.

**BLACK LOTUS LABS™**

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