

# Real-time monitoring

## Mitigate malicious attacks with artificial intelligence (AI)

Viasat's Operations Cyber Services (OCS) for Energy improves data and system security for energy companies, providing real-time threat detection, network visualization, and advanced investigative capabilities. Through Viasat's security operations center (SOC), OCS employs advanced intrusion prevention tools to continuously monitor cyber threats, and allows our customers to work with a single vendor for cybersecurity, significantly reducing OPEX.

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OCS uses a platform developed by Darktrace, the world leader in cyber AI threat detection and defense. Darktrace's capabilities combined with our advanced data-encryption technology, enables Viasat to provide energy customers with the most complete suite of cybersecurity services for data and network protection.



### Visibility

Viewing on-net traffic, devices, and threat patterns enhances network security by mitigating threats in real time.



### Response

Identifying threats and taking timely corrective action is paramount to reducing the impact of a cyber event on the operations of any company.



### Awareness

Runs on your network and devices for complete threat detection.



### Monitoring

Threats attack around the clock and your network is continuously under siege from automated attacks or cybercriminals around the world. Monitoring for attacks needs to be continuous, so you need to have security experts and tools in place. [It takes an average 206 days for U.S. companies to detect a breach that costs an average of \\$5.99 million.](#)<sup>1</sup>



## Benefits

### Centralized experts

A team of highly experienced cybersecurity analysts are dedicated to preventing cybersecurity threats.

### Reduce costs

The SOC assists your existing cybersecurity efforts and provides a force multiplier. Avoid costly training and employing staff who will need to keep up with the latest vulnerabilities.

### Protecting your operations

We employ technologies including an arsenal of firewalls, probes, and event management systems that collect and monitor data as it moves across platforms. The SOC stays ahead of potential threats by analyzing active feeds, establishing rules, identifying exceptions, enhancing responses and keeping a close eye on possible vulnerabilities.



### Alert

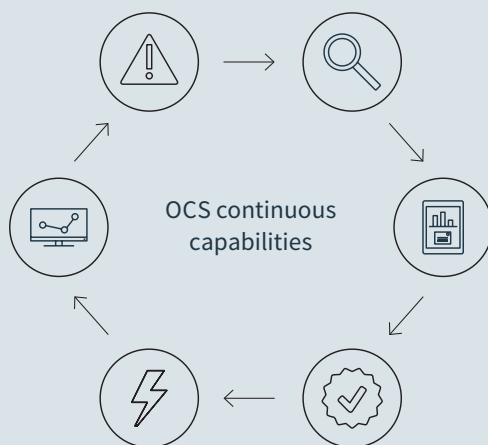
Your SOC security team is notified of potential threats to your system

### Monitor

Active inspection of your cybersecurity security environments and event logs

### Respond

Action is taken to prevent future attacks and remediate vulnerabilities



### Identity

Logs and alerts are reviewed for legitimacy of access and activity

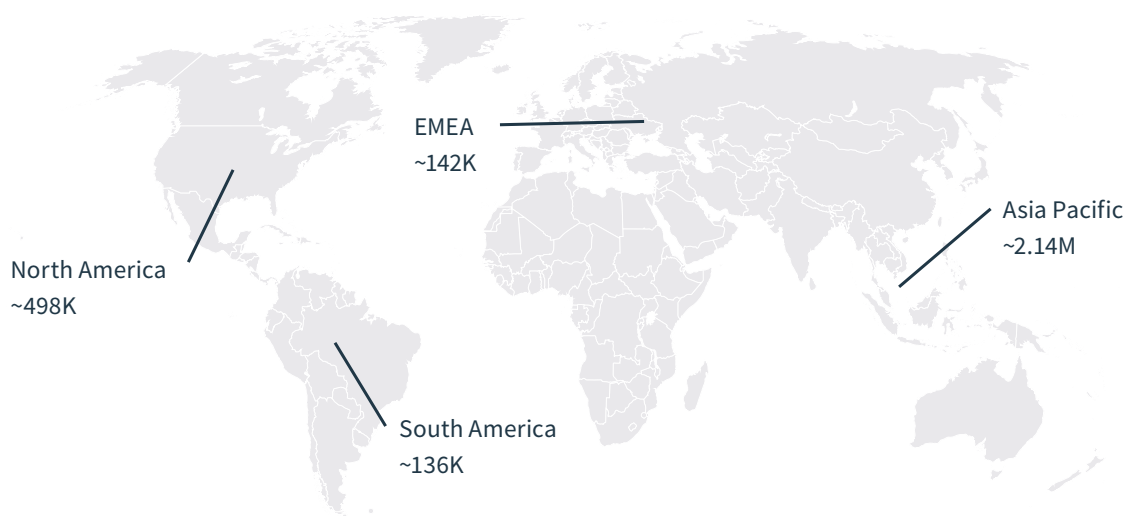
### Analyze

Investigate vulnerabilities exposed by legitimate and unauthorized access

### Validate

Authorize legitimate activity

## Gap in cybersecurity professionals by region 2



<sup>1</sup> 13th annual Cost of a Data Breach study, 2018, Ponemon Institute.

<sup>2</sup> Source: (ISC)<sup>2</sup> Cybersecurity Workforce Study, 2018