

# Identifying and containing threats fast

Minimize risk and ensure compliance by identifying threats on your network fast.



On average it takes **197 days** to uncover a breach.\*

Address your concerns for network threats and evolve to an intent-based network in four easy steps:



### Step 1: Gain visibility

Are you able to detect threats fast?

[See more](#)



### Step 2: Detect encrypted threats

Can you identify encrypted threats?

[See more](#)



### Step 3: Contain threats

Can you stop breaches fast?

[See more](#)



### Step 4: Secure the perimeter

Are your firewalls able to cope?

[See more](#)

## Protect against threats

[Read the Cisco CISO Benchmark Study](#)

### Step 1: Gain visibility



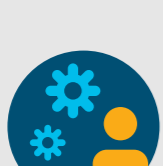
#### Ask yourself

Do you have clear visibility and insights into threats and attacks on your network?



#### Something to consider

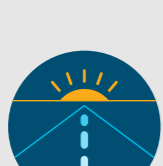
By using telemetry from existing network infrastructure for advanced threat detection, as well as deep forensics, you can outsmart emerging threats in your network.



#### Recommended solutions

- [Network Security Analytics](#)
- [Cisco Security Stealthwatch Deployment Service](#)

Benefits: Turn your entire network into a sensor for threats and attacks. You can identify attacks in near real time, while reducing false positives and operations time.



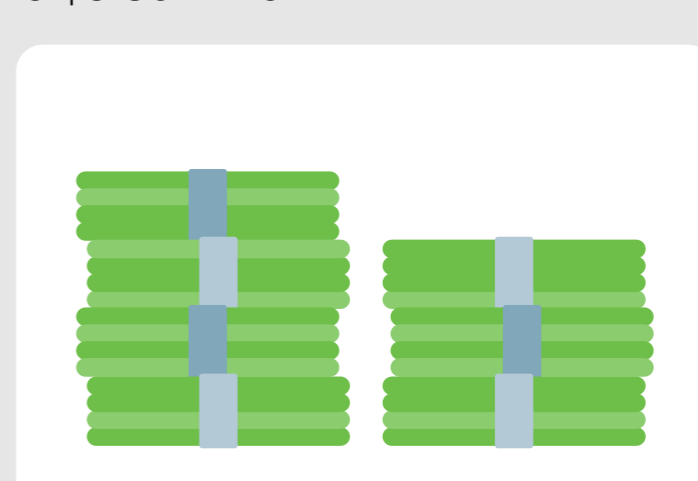
#### Find out more

[Learn about Stealthwatch](#)

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#### Did you know?

The average cost of a data breach is \$3.86 million.



Source: 2018 Cost of Data Breach Study: Global Overview, Ponemon Institute.

### Step 2: Detect encrypted threats



#### Ask yourself

Do you have visibility into the growing number of encrypted attacks on campus and at branches?



#### Something to consider

When you can identify threats in encrypted traffic without decrypting them, you can protect your business without compromising privacy.



#### Recommended solution

- [Encrypted Traffic Analytics](#)

Benefits: Gain visibility and insight into potential threats in encrypted traffic.



#### Find out more

[Learn what Cisco DNA Security can do for you](#)

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#### Did you know?

While some CISOs have seen highly specific variants of malware such as WannaCry (11%) or threat categories such as wiper malware (15%), the most oft-cited attacks are malware and variants such as ransomware.



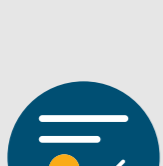
Source: Cisco CISO Benchmark Study 2019.

### Step 3: Contain threats



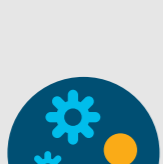
#### Ask yourself

Is it challenging to quickly contain threats once they have been identified on your network?



#### Something to consider

You can protect against potential IoT attacks by blending a security architecture with security services. Defend your IoT devices and keep your business running.



#### Recommended solutions

- [Cisco Identity Services Engine \(ISE\)](#)
- [Rapid Threat Containment](#)

Benefits: Cisco ISE and Stealthwatch help IT mitigate security issues before they become events that can incur significant remediation time and cost.



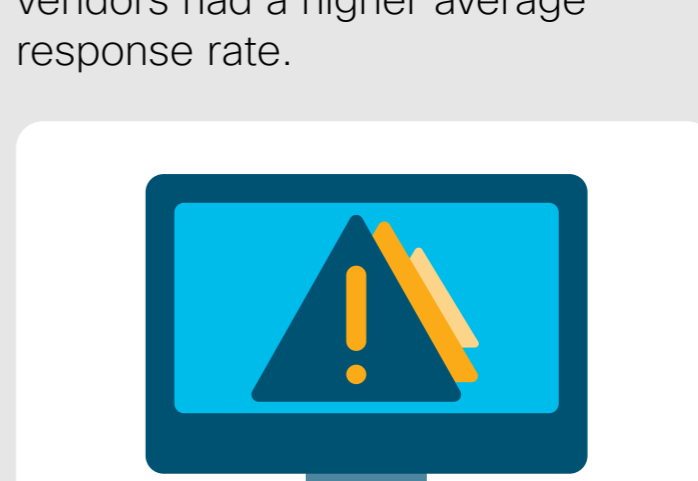
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#### Did you know?

Seventy nine percent of survey respondents said it was somewhat or very challenging to orchestrate alerts from multiple vendor products, up from 74% the previous year. Those with fewer than 10 vendors had a higher average response rate.



Source: Cisco CISO Benchmark Study 2019.

### Step 4: Secure the perimeter



#### Ask yourself

How well can you identify sophisticated threats at the edges of your network?



#### Something to consider

By deploying next-generation firewalls, you gain a contextual view of all users and applications at the edges (Internet and WAN).



#### Recommended solutions

- [Firepower NGFW with NGIPS and AMP](#)
- [Security Implementation Services](#)

Benefits: Get superior visibility, embedded security intelligence, automated analysis, and industry-leading threat detection. Increase the value of your solutions while reducing downtime with our implementation services.



#### Find out more

[Request a free trial](#)

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#### Did you know?

More CISOs are reporting using time to remediation as a key indicator of security effectiveness (up from 30% in 2018 to 48%.)



Source: Cisco CISO Benchmark Study 2019.

## Protect against threats

[Read the Cisco CISO Benchmark Study](#)

Transform to an intent-based network with [Cisco DNA](#)

\* Source: 2018 Cost of Data Breach Study: Global Overview, Ponemon Institute.