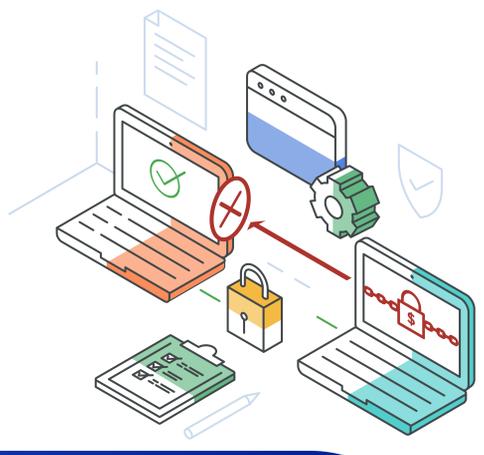
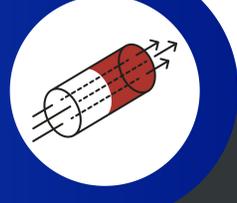


3 Steps to Stopping Ransomware



Most ransomware follows the same attack pattern and can be stopped with a simple security strategy. Illumio makes it easy to implement this strategy and stop ransomware immediately.



Ransomware Is Today's Biggest Threat

Since 2016 more than **4,000** ransomware attacks have occurred every day, and the biggest ransomware attack caused **\$300 million** in total damages.^{1,2}

Traditional security is not stopping this growing threat. You need a new approach.

How Most Ransomware Attacks Operate

Most ransomware follows an attack pattern that was built to bypass traditional security. To do so, they use three key tactics.

1

They Hide and Go Undetected for Months

They spend weeks, months or years silently building their foothold before they lock systems.

2

They Exploit the Same Common Pathways

Over 80% succeed by exploiting user errors, software vulnerabilities or misconfigurations.³

3

They Start Small Then Spread to Key Assets

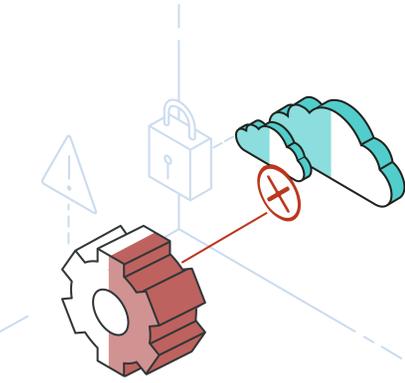
They initially breach a low-value asset and then move laterally to reach valuable assets and build leverage.

Simple Steps That Stop the Spread of Ransomware

Stopping most ransomware is easier than you think. Just take the above attack pattern and counter each tactic by following three simple steps.

Step 1: See

Spot ransomware before it strikes by developing comprehensive visibility into the communication flows across your environment. With Illumio, you can build real-time network visibility in an hour or less, identify unnecessary connections that ransomware can exploit, and create automated alerts to catch malicious movements early.

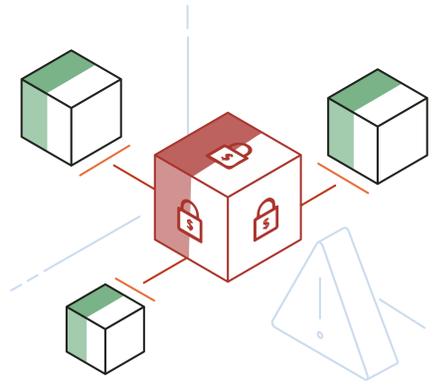


Step 2: Block

Limit intrusions and immediately contain in-progress attacks by blocking common ransomware pathways. With Illumio, you can pinpoint all of the common pathways that are open in your environment, proactively close and monitor those pathways, and build a one-click containment switch to stop in-progress attacks.

Step 3: Protect

Keep attacks from spreading to your high-value assets by building post-intrusion security that segments your environment. With Illumio, you can easily manage existing host-based firewalls and segment assets, environments, users and groups. Write simple policies that automatically update as systems change.



Illumio Protects the World's Leading Companies

More than **10%** of the Fortune 100 companies

6 of the **10** largest global banks

5 of the leading insurance companies

3 of the **5** largest enterprise SaaS companies

Stop Ransomware With Illumio
Evolve your security. Use Illumio to stop ransomware and build stronger digital defenses.

1 <https://www.justice.gov/criminal-ccips/file/872771/download>
2 <https://www.zdnet.com/article/maersk-forced-to-reinstall-4000-servers-45000-pcs-due-to-notpetya-attack/>
3 <https://www.zdnet.com/article/ransomware-these-are-the-two-most-common-ways-hackers-get-inside-your-network/>