

Ransomware Resilience

Ransomware will come for your business. Halcyon makes sure it doesn't win. Your operations keep running, no matter what attackers throw at it.

Ransomware Isn't Just Another Threat. It's a Human-Led Operation, Powered by AI.

Ransomware isn't a piece of malware you scan for and move on. It's a human-led operation, and attackers are now using AI to automate reconnaissance, craft convincing phishing lures, and generate novel encryptors that slip past signature-based defenses, then get into your environment, steal your data, destroy your backups, and shut your business down. And the damage is real: 22 days of average recovery time, \$5.08M in average cost, and that's before the ransom.

Halcyon is the dedicated ransomware resilience platform built to change that. We prevent the attacks your existing tools weren't built to stop, across every stage from initial access to encryption. When something gets through, we recover in minutes, not weeks. And the experts in our Ransomware Operations Center (ROC) handle the fight for you 24/7, so your team can stay focused. **The Goal: what could have been a business-ending event becomes a non-event.**

ATTACK STAGE:	HALCYON COVERAGE:
Initial Access	AI + Behavioral Detection
Steals Your Data	Double Extortion Prevention
Destroys Your Backups	Key Material Capture & Halcyon ROC
Encrypts & Shuts You Down	File Resilience

Make Business-Ending Events, Non-Events. Your business keeps running like nothing happened.

Halcyon adds a resilience layer to limit damage, evict attackers, and get you back up and running in minutes, not weeks. File Resilience intercepts encryption attempts during the read/write process, making malicious file encryption virtually impossible. Key Material Capture & Decryption reconstructs incident-specific keys to decrypt impacted data, without paying ransom or relying on backups.

Key Features

- **AI + Behavioral Detection Engine:** Two-layer models trained on active ransomware TTPs, samples, and real IR engagements, catching threats before execution and behaviors that evade standard detection.
- **File Resilience:** Instantly intercepts encryption activity, even from never-before-seen encryptors, stopping it before it's written to disk.
- **BYOVD & EDR Tamper Detection:** Defeats the use of signed-but-vulnerable drivers (Bring Your Own Vulnerable Driver) and monitors EDR tools for signs of tampering.
- **Double Extortion Prevention (DXP):** Detects data exfiltration by monitoring high-volume transfers and connections to known malicious destinations, no complex rule sets required.
- **Key Material Capture & Decryption:** Intercepts cryptographic key material during an attack to decrypt and recover data in hours, without paying ransom or relying on backups.
- **Ransomware Operations Center (ROC):** A dedicated team of ransomware experts monitors your environment 24/7/365, investigating alerts, responding to threats, and leading recovery, all included at no additional cost.

Wherever Ransomware Goes, We're Waiting.

Stop it before encryption. Stop it before exfiltration.

Stop it from becoming a breach. In an AI-accelerated threat landscape, attackers move with more speed and less friction than ever, and generalist tools were never designed to keep pace. Halcyon adds a ransomware-native defense layer, detecting, disrupting, and intercepting attackers at every stage, from pre-execution to data exfiltration to encryption. Generalist tools weren't built for ransomware. Halcyon was built for nothing else.

Ransomware Doesn't Sleep. Neither Do We.

Expert-led coverage from the world's first Ransomware Operations Center (ROC). The world's first ransomware-dedicated SOC monitors your environment 24/7, investigating, responding, recovering, so your team never fights ransomware alone. From first alert to full recovery, our dedicated ransomware specialists handle everything, included at no additional cost.

ROC analysts separate signal from noise, investigating every alert so your team isn't buried and nothing critical gets missed. When an incident occurs, ROC leads end-to-end, coordinating containment, remediation, eviction, and recovery so your team isn't figuring it out under fire.

About Halcyon

Ransomware will come for your business. Halcyon makes sure it doesn't win. Halcyon is the dedicated ransomware resilience platform built to stop attacks your existing tools were never designed to catch and recover in minutes if something gets through. Turn a business-ending event into a non-event. **Learn more at halcyon.ai**

Ready to make ransomware a non-event?

Request your demo today at halcyon.ai/demo

