

Ensuring Clean Recovery Points in a World of Sophisticated & Evolving Ransomware

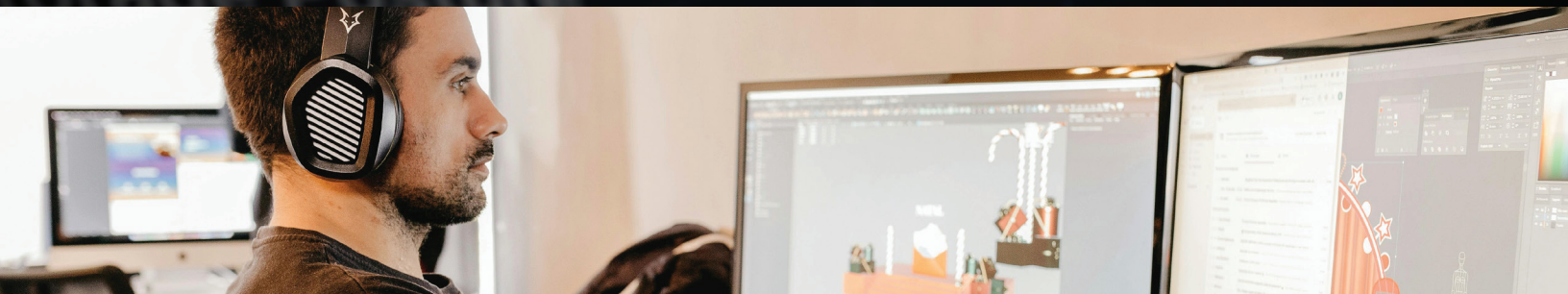


In today's threat landscape, assuming your backups are clean is not a recovery strategy—it's a liability. Ransomware has evolved beyond prevention, often silently encrypting data at rest and embedding itself in snapshots and backups before detection.

Elastio Ransomware Recovery Assurance Platform (Elastio Platform) closes the recovery gap.

Elastio Platform gives organizations confidence in ransomware mitigation by continuously verifying data integrity and pinpointing clean recovery points. When ransomware strikes, Elastio Platform ensures a safe, uncompromised path to restoration—without reinfection, ransom payments, or guesswork.





Current Market Reality: A False Sense of Cyber Recovery

Sophisticated, Specialized Adversaries

Modern ransomware isn't loud—it's stealthy. Analysts and industry leadership believe attacks are executed by coordinated teams (initial access brokers, encryptors, extortionists), exploiting blind spots and moving laterally beneath traditional defenses like EDR, antivirus, and firewalls. They encrypt production data; worse, that encrypted data often gets unknowingly backed up, contaminating recovery points.

Critical Insight

Your backups are your last line of defense. Think of them as near-line production—if they're compromised, your ability to recover is gone. That's why clean recovery points aren't just important—they're essential.

Lack of Visibility in the Most Critical Layer

Until now, organizations and service providers have had no meaningful visibility into malicious encryption inside their storage and backups. Traditional anomaly detection can miss these threats, relying on metadata and heuristics rather than deep behavioral inspection.

Leaders Are Closing the Gap

The most resilient organizations no longer equate cyber recovery with traditional DR. They understand that ransomware is a different threat that demands proactive detection and validation to ensure clean recovery points. Forward-looking teams are adopting purpose-built solutions that validate data integrity before incidents escalate. They're not just hoping their backups are clean but ensuring it.

The Illusion of Safety Is Fading

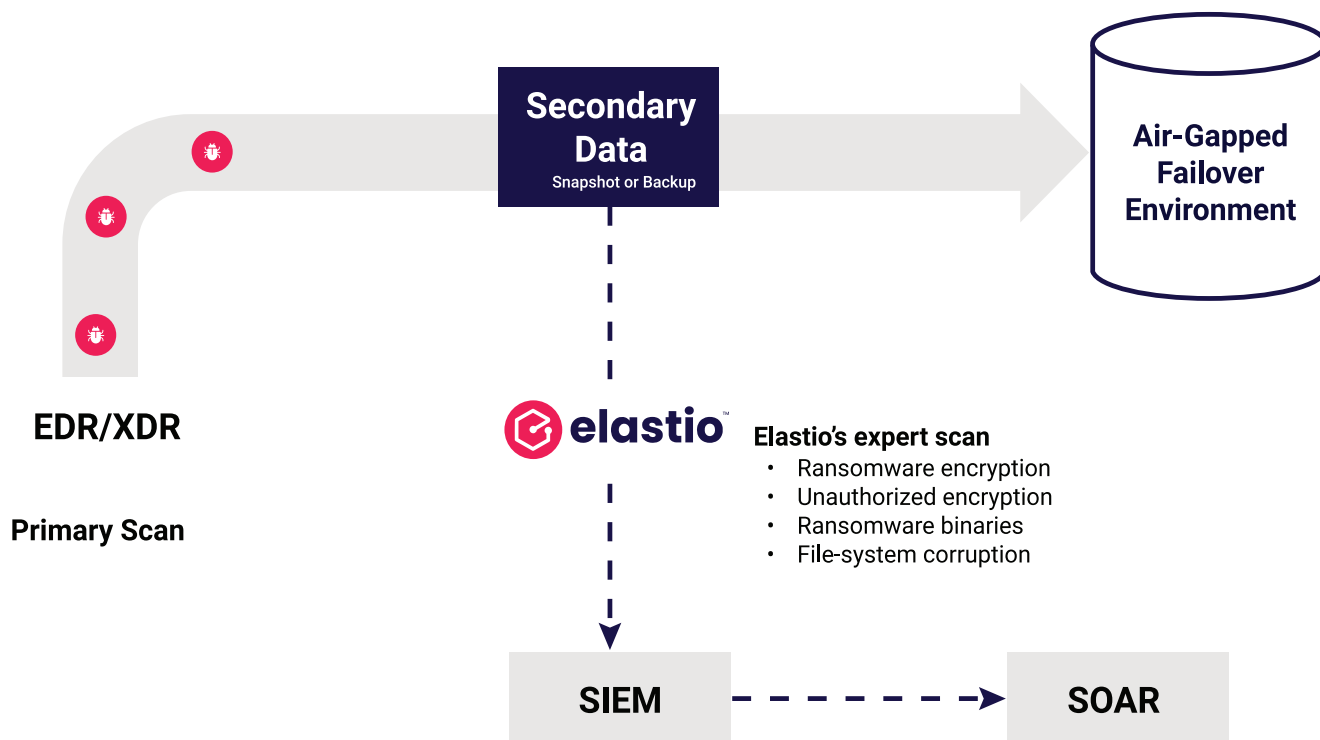
The phrase "We have backups" no longer cuts it. High-profile breaches have exposed a painful truth: compromised data can be backed up without anyone knowing. Resilient organizations are shifting from assumptions to assurance. They continuously verify recoverability — so they can act confidently when recovery is on the line.

"In every board meeting, I'm constantly being asked for assurance on what we're doing for cybersecurity, ransomware in particular. Elastio provides me with critical protection and insights to demonstrate."

— CISO, Global Payment Company

View Incident

Elastio's Data Integrity Layer Protects Your Organization



Elastio Platform: A Critical Layer in Your Zero-Trust Cybersecurity Strategy

Zero-trust cybersecurity demands more than strong perimeters and reliable backups. Today's attackers are stealthy, sophisticated, and increasingly capable of bypassing traditional defenses.

Elastio Platform fills a critical gap by adding a **data integrity layer** to your zero-trust architecture. This layer proactively scans storage and backups for ransomware and insider threats that evade endpoint and network security.

Using behavioral AI/ML, Elastio Platform detects malicious encryption patterns early, validates your ability to recover, and provides actionable insights into your ransomware risk posture. It's a purpose-built solution that ensures clean recovery points are identified and ready so that when the time comes, recovery just works.

"Assuming your backups are clean is not a recovery strategy. Elastio gives us the confidence to prove—at any moment—that our ransomware response plan is real."

— VP of IT Infrastructure, Enterprise Software Company

View Incident



Key Customer Benefits

Proactive Ransomware & Insider Threat Detection

Elastio uses a behavior-based AI/ML engine to detect encryption patterns indicative of ransomware and insider threats, far beyond traditional signature or anomaly-based tools.

Continuous Validation of Recovery Readiness

It automatically scans snapshots, backups, and replicas across the cloud and on-premises to identify the last known good recovery point before you need it.

Assured Clean Recovery

With verified, ransomware-free recovery points, the Elastio Platform minimizes downtime and eliminates guesswork. It ensures your data is ready for fast, reliable restoration.

Zero-Trust, Out-of-Band Scanning

It runs outside the operating system to prevent tampering or bypassing by threat actors. Elastio Platform scanning is non-intrusive and does not impact production performance.

Audit-Ready Resilience Reports

Deliver detailed, graphical reports aligned with frameworks like DORA, NYDFS, and MAS TRM—supporting cyber insurance, board visibility, and compliance audits.

Cyber Resilience Confidence

Elastio Platform enhances your ability to reevaluate and define RPO/RTO metrics in a ransomware context through a unified, intuitive user interface.

Flexible Deployment Options

You can choose from SaaS or self-hosted models, with single-tenant and multi-tenant configurations to fit enterprise and service provider environments.

“Elastio has been a game changer. It’s not just about meeting NYDFS compliance—it’s about knowing we’re truly prepared to protect our business and our customers.”

— CIO, Financial Services Company

Platform Integrations

- **Cloud Native:** Deep integration with AWS (EC2, EBS, S3, EFS, AWS Backup, DRS, LAG Vaults, ECS, EKS, FSxN)
- **VMware + Primary Storage:** Supports major storage and backup vendors
- **Hybrid + Multi-Cloud:** Extends recovery assurance across modern architectures



With Elastio Platform, you can confidently identify and restore from clean backups, reducing time and cost to minutes instead of days and weeks.

See Elastio in action. [Request a Demo Today.](#)

Available on [AWS Marketplace](#)

Learn more at www.elastio.com

Contact us at sales@elastio.com

About Elastio

Elastio specializes in ransomware mitigation and recovery, providing businesses with advanced tools to validate their data. By bridging the gap between traditional security measures and immutable backups, the Elastio Platform ensures clean recovery from zero-day ransomware attacks, giving organizations the confidence to restore operations quickly and securely. For more information, visit www.elastio.com.