

# Elevating Cyber Resilience and Business Continuity

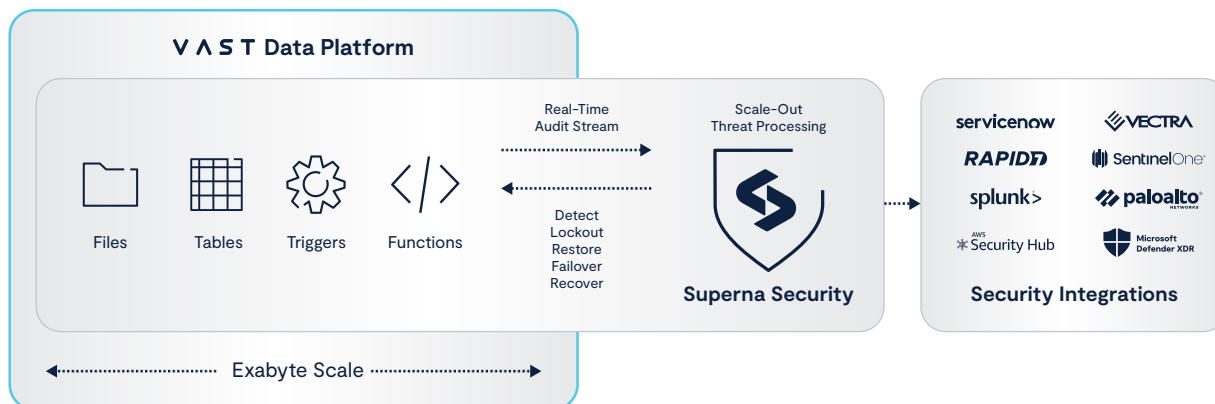


In today's cyber landscape, ransomware emerges as a nefarious threat, casting a dark shadow over businesses' digital security. Its insidious nature not only jeopardizes data integrity and compliance but also threatens the very essence of business continuity across sectors like finance, healthcare, and government. Traditional security measures, primarily focused on the network and application layers, prove futile against the cunning tactics of ransomware, leaving businesses vulnerable to sinister data breaches, extortion, and crippling operational disruptions. Despite concerted efforts to combat these malevolent attacks, the staggering damages unveil the harrowing reality organizations confront. With cybercrime forecasted to exact a toll of **\$9.5 trillion in 2024**, there is an urgent imperative to fortify defenses against these malevolent forces and safeguard the sanctity of digital operations.

## Intelligent Cyber Threat Protection and Rapid Recovery

This deeply integrated VAST Data + Superna solution empowers security and operations teams with proactive measures designed to combat ransomware threats head-on. At its core, this powerful security solution focuses on cyber defense at the data layer, unleashing unprecedented protection against emerging threats. Firstly, the solution accelerates ransomware detection, enabling organizations to identify and thwart live threats with precision. By promptly detecting suspicious user behavior patterns, file extensions, and honeypot activities, teams gain real-time insights into potential attacks. Active and historical alerts, governed by configurable sensitivity thresholds, ensure proactive threat mitigation, while custom definitions for specific paths, users, sources, files, and extensions enable granular monitoring for the most critical components of your data infrastructure. Moreover, the solution enables immediate lockout upon the detection of suspicious activity thresholds. These configurable actions ensure immediate protection by triggering automatic user lockout, preventing potential vulnerabilities from causing disruptions to business operations. Additionally, security and operations teams can quickly review and respond more intelligently to threats, minimizing business interruptions while maintaining operational continuity.

In the event of a ransomware attack, the solution orchestrates near-instant recovery by immediately protecting data with immutable snapshots upon detecting suspicious activity. This allows organizations to restore operations rapidly and seamlessly at the data layer, while the affected files are prioritized for restoration, ensuring the most efficient and precise recovery operations. Moreover, seamless integration with leading security tools such as ServiceNow, Splunk, Palo Alto Networks, and others elevates monitoring and response capabilities to new heights. By centralizing data and optimizing alerting mechanisms through Webhooks and Zero Trust API, security and operations teams are armed with unparalleled insights and rapid response capabilities, ensuring the most intelligent mitigation and fastest responses to cyber threats.



# Streamlined Disaster Recovery and Business Continuity

Beyond ransomware protection and recovery, the joint VAST Data + Superna solution stands as a safeguard against a range of disasters, encompassing both planned and unplanned disruptions. This comprehensive approach fortifies organizations with robust Disaster Recovery (DR) and Business Continuity (BC) capabilities, ensuring uninterrupted operations in the face of unforeseen events. With your data at its core, the solution seamlessly orchestrates planned failover/fail back between VAST clusters through Superna Disaster Recovery Edition. This includes automatic inventorying of services and data capacity for configuring smart alerts and jobs, leveraging the inherent scalability and resilience of the VAST Data Platform and robust DASE architecture to enable flexible hot/hot or hot/cold cluster configurations. This streamlined approach to maintenance and administration eradicates manual client redirection and complex scripts, thereby radically simplifying data management while enhancing operational efficiency.

In the event of an unplanned failover, the solution leverages the power of the VAST Data Platform to detect and orchestrate failover automatically or manually, minimizing service disruptions and ensuring continuous operations. Simulated failovers provide valuable insights into real-world scenarios, bolstering disaster preparedness and data resilience. Synchronization of data maintains disaster recovery readiness, ensuring that critical workloads, monitoring, and reporting are always up-to-date. Furthermore, automatic synchronization of critical shares and exports further fortifies operational integrity, ensuring seamless protection of your organization's invaluable data assets.

## A Unified Approach to Cyber Resilience

In summary, this joint VAST Data + Superna solution provides unparalleled cyber defense and disaster recovery capabilities, acting as a stronghold against evolving threats and ensuring uninterrupted operations when disaster strikes. This comprehensive security solution empowers businesses to expand their capabilities and enhance business continuity through intelligent response and rapid recovery, safeguarding sensitive information and maintaining uninterrupted services. With tailored protection levels and Zero Trust Security principles to defend against ransomware threats, organizations can effectively secure their critical data assets, protecting their success and reputation. Furthermore, deep integration with best-of-breed security tools and support for hybrid cloud environments ensures a streamlined approach to cybersecurity, maximizing resilience and minimizing risk in today's era of AI-driven advancements and escalating threats.

### Trusted by Industry Leaders

Boosting cyber resilience for the world's most successful organizations in the AI era.



**Identify** proactive measures to detect and thwart ransomware attacks before they breach your defenses, ensuring your data remains secure and your business continuity intact.

**Protect** your data with an integrated solution co-engineered to bolster your defense against cyber threats of all shapes and sizes, safeguarding your organization's assets and enabling seamless disaster recovery.

**Detect** and halt live malicious activities, empowering your organization to neutralize threats with agility and precision, while maintaining uninterrupted operations and preserving business continuity.

**Respond** with confidence by seamlessly restoring clean data to minimize downtime following cyber incidents and other outages. Keep teams on high-alert with seamless integration to leading security tools for comprehensive details on who, what, where, and when. Respond smarter and more quickly to minimize disruption to your business operations.

**Recover** near-instantly with a cohesive defense ecosystem that streamlines disaster recovery and business continuity, ensuring smooth operations even during unplanned events.

**Migrate** seamlessly to the VAST Data Platform with robust, flexible migration capabilities. Consolidate your data and services onto a scalable, secure, and cost-effective all-flash data platform to enhance your data resilience like never before.