

AI-Powered Cyber Resilience Innovations

Reduce the chaos of recovering from cyber threats.

Introduction

Cyber outages are now inevitable, causing challenges for companies worldwide. More than 65%¹ of enterprises have experienced a cyber breach in the past two years. The rise in cyber threats, the impact and costs associated with downtime, and the evolving demands of governmental regulations underscore the need for a **simpler, smarter, and faster** cyber resilience solution.

State of Cyber Recovery

The cyber recovery process remains complex, inefficient, and filled with uncertainty. It can be chaotic — requiring collaboration across multiple organizations — and is often left in the hands of IT, who find themselves overworked and undertrained. The average recovery time has increased to 19 days, up from 15.7 days in 2022 and 6.7 days in 2021². In 2023, only 35% of organizations claimed they can recover within a month, a significant drop from 52% in 2022². Some organizations face recovery times extending up to three months.

The financial and reputational impact of inadequate recovery capabilities is profound. Cyber outages can cost upwards of \$2.73 million per incident², nearly double over the past two years, with additional costs impacting brand integrity and public trust. For example, MGM Resorts' recent cyber outage took 10 days to recover from and was estimated to cost nearly \$100 million. Public incidents, such as the [Seattle Airport ransomware attack](#), further highlight the societal impacts, including operational disruptions and customer inconvenience.

The Need for Effective Cyber Resilience

Organizations must safeguard data in complex environments by leveraging AI-powered solutions that boost security and facilitate recovery, particularly when staff are overworked and undertrained. Swift and reliable recovery is essential to reduce downtime and protect organizational reputation. An effective cyber resilience solution must be user-friendly, intelligent, and transparent, enabling simpler and faster recovery, while also adhering to evolving regulations.

Key challenges in cyber recovery:

- **Lack of Automated Recovery:** Many organizations struggle to develop recovery blueprints that incorporate automation for varying levels of recovery. Recovery blueprints can help reduce the chaos and confusion of a cyber recovery.
- **Multi-Team Coordination:** Effective recovery requires collaboration across IT, data management, security teams, and potentially others.
- **Threat and Malware Management:** Ensuring that recovered data is free from malware or vulnerabilities.
- **Backup Platform Restoration:** Restoring a compromised backup platform is essential if it has been targeted.
- **Data Point Identification:** Finding the optimal recovery point among 90,000 potential data points can be overwhelming.
- **Clean Recovery Environment:** Restoring data to a “clean” environment to prevent reintroducing threats.
- **Skills Shortage:** A shortage of specialized IT professionals exacerbates recovery challenges, with 45% of IT leaders citing a lack of data security skills and 29% noting insufficient data protection expertise.

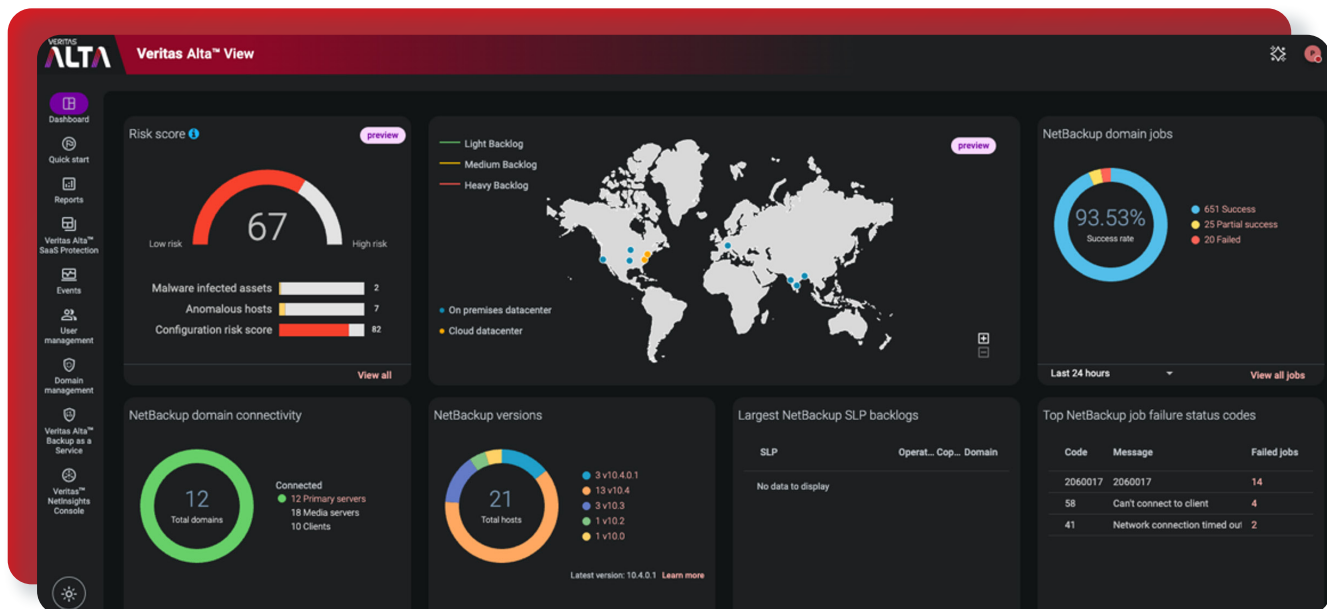
Veritas Solutions for Enhanced Cyber Resilience

Veritas Technologies has long been a leader in cybersecurity, leveraging the solid foundation of the National Institute of Standards and Technology (NIST) framework to offer scalable cyber resilience solutions. This framework's core principles — Identify, Protect, Detect, Respond, and Recover — have been instrumental in guiding how Veritas approaches the development of robust, scalable solutions that meet the needs of large enterprises. By adhering to these fundamentals, Veritas has consistently delivered technologies that not only secure data but also ensure rapid recovery after an incident, offering an essential advantage at a scale that competitors struggle to match.

Building on this established foundation, recent innovations from Veritas continue to advance its cyber resilience capabilities, making them simpler, smarter, and faster. These new developments focus on enhancing automation, improving threat intelligence, and streamlining management practices to offer more proactive and predictive protection strategies. For instance, Veritas Alta™ Copilot introduces intelligent automation to significantly reduce recovery times and manual intervention. This evolution of advanced offerings is designed not just to keep pace with the evolving threat landscape, but to set new industry benchmarks in simplicity and speed of recovery. These improvements reflect a strategic shift towards more integrated and user-friendly solutions that minimize complexity while maximizing efficiency and control — ensuring that Veritas remains at the forefront of the data protection industry.

Simpler

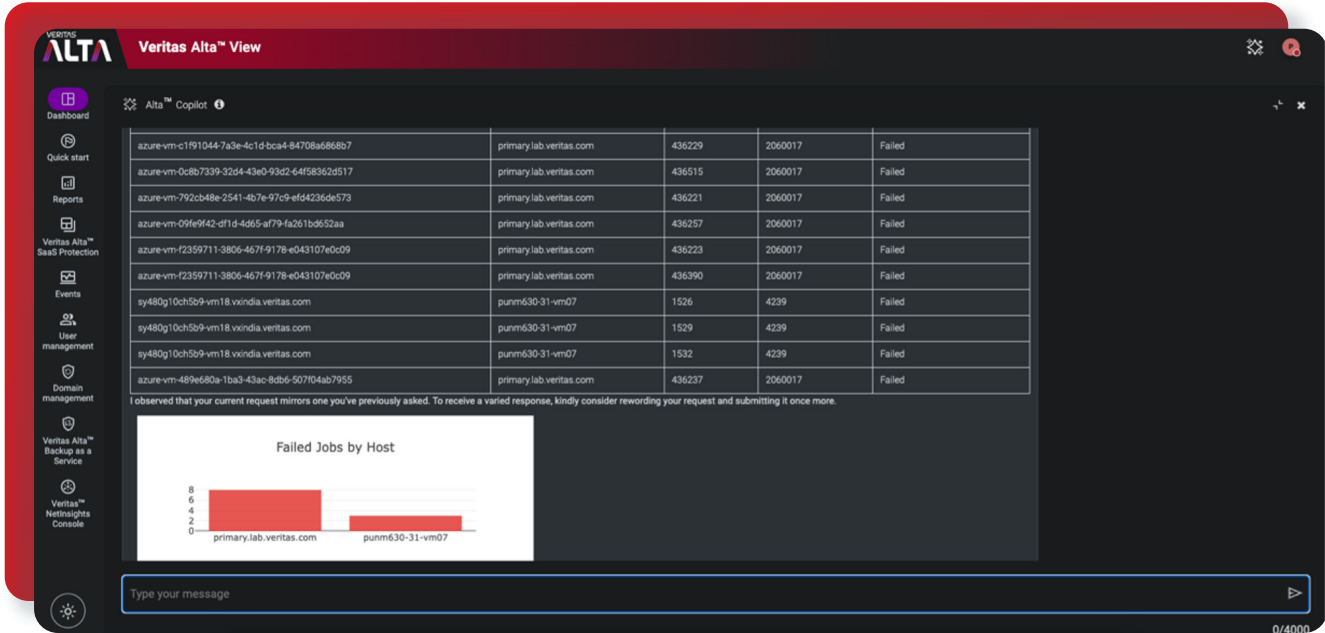
- **Improved User Experience:** Veritas Alta's new UI offers a modern, intuitive interface that simplifies data management with streamlined navigation.



- **Automated Protection Policy Creation:** Streamlines the development and enforcement of security policies using AI to suggest and implement optimal data protection strategies.
- **Audit and Protection of Undetected Assets:** Enhances capabilities for discovering and protecting previously undetected data assets, ensuring comprehensive security.

Smarter

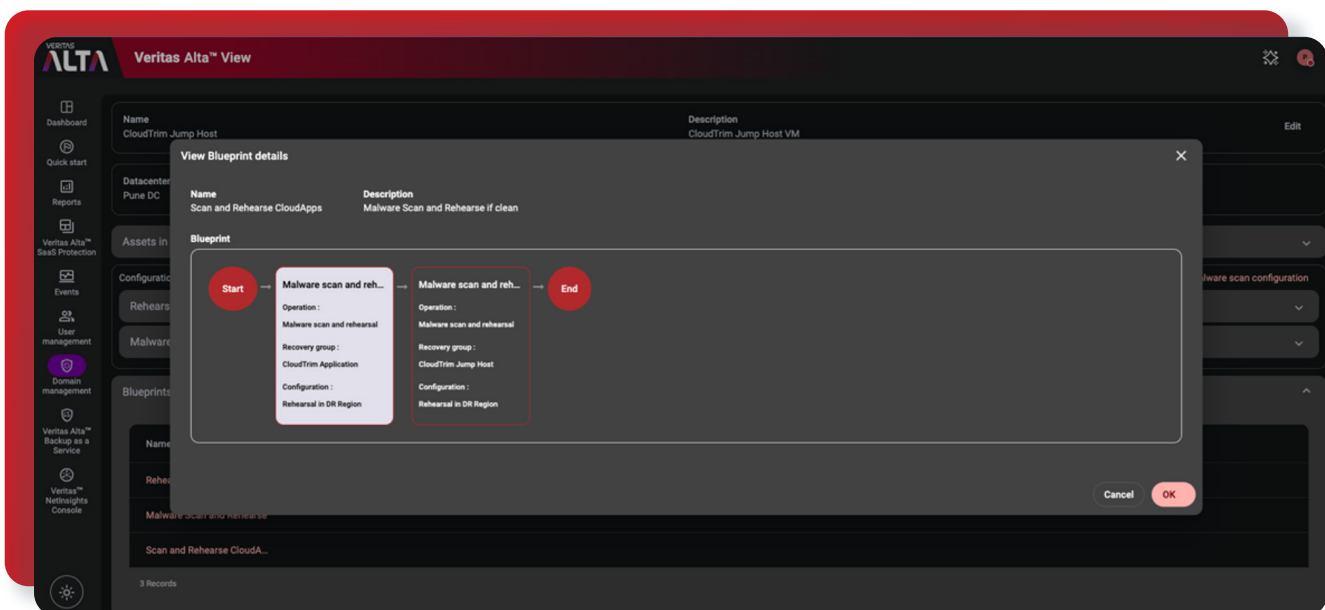
- **Intelligent Backup Job Failure Analysis:** Uses AI to provide insights to identify and address the root causes of backup failures, ensuring consistent data protection.



- **Enhanced AI-Powered Malware Detection:** Uses advanced AI to effectively detect and mitigate threats across all data assets.
- **Accelerated Threat Hunting and Blast Radius Analysis:** Speeds up threat detection and limits potential damage by leveraging hash-based malware detection and efficient indexing of files.

Faster

- **Intelligent Recovery Point Recommendations:** Leverages advanced analytics to recommend optimal recovery points, balancing speed and data integrity.
- **Orchestrated Recovery Blueprints:** Offers customer-defined, automated workflows for recovery, customizable to align with specific recovery objectives and compliance requirements.



- **Flexible Cross-Cloud Recovery:** Facilitates data recovery across multiple cloud environments, ensuring business continuity during cloud-specific outages or attacks.
- **Security Assessment and High-Level Risk Score:** Provides a comprehensive view of security posture, evaluating factors such as backup frequency and potential vulnerabilities.

Conclusion

Veritas continues to pioneer in cyber resilience, delivering solutions that are simpler, smarter, and faster. These solutions streamline operations, speed up recovery times, and ensure compliance with industry regulations. Veritas tools enable organizations to handle the complexities of cyber recovery more efficiently, ensuring continuous operations and protecting their reputation from future threats. By adopting Veritas solutions, businesses can safeguard their data, recover quickly from cyber incidents, and showcase strong cyber resilience — thus maintaining operational effectiveness and securing stakeholder trust.

For more information on how Veritas can enhance your cyber resilience strategy, please visit [veritas.com/alta/view](https://www.veritas.com/alta/view) or contact us today.

1. Veritas https://www.veritas.com/content/dam/www/en_us/documents/analyst-report/AR_veritas_data_risk_management_report_2023.pdf
2. Statista: <https://www.statista.com/statistics/1422159/us-healthcare-ransomware-attacks-downtime-average-by-days/>

About Veritas

Veritas Technologies is the leader in secure multi-cloud data management. Over 80,000 customers—including 91% of the Fortune 100—rely on Veritas to help ensure the protection, recoverability and compliance of their data. Veritas has a reputation for reliability at scale, which delivers the resilience its customers need against the disruptions threatened by cyberattacks, like ransomware. No other vendor is able to match the ability of Veritas to execute, with support for 800+ data sources, 100+ operating systems and 1,400+ storage targets through a single, unified approach. Powered by Cloud Scale Technology, Veritas is delivering today on its strategy for Autonomous Data Management that reduces operational overhead while delivering greater value. Learn more at www.veritas.com. Follow us on X at [@veritastechllc](https://twitter.com/veritastechllc).

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