



EBOOK

ENHANCED IDENTITY, DATA, AND AI RESILIENCE FOR MICROSOFT ENVIRONMENTS

Rubrik + Microsoft

Maintain business continuity in
the face of rapidly evolving threats





NAVIGATING THE SAAS THREAT LANDSCAPE

Data is pivotal for organizational growth, making data resilience a key priority to secure that growth. The current threat landscape is rapidly evolving to exploit identity, data, and AI vulnerabilities that can become a business emergency within hours. With organizations across the globe using Microsoft tools, this creates a high concentration of critical data, making Microsoft environments a high-priority target for cybercriminals.

Microsoft provides built-in resilience and recovery capabilities, and the [Microsoft Shared Responsibility Model](#) requires customers to define and operationalize their recovery posture while partners, including Rubrik, extend this for advanced cyber recovery scenarios. Customers can extend Microsoft's secure, compliant foundation with isolated, orchestrated recovery and advanced cyber resilience to address large-scale and coordinated attack scenarios.

94%

of IT and security leaders reported their organization experienced a significant cyberattack last year.

64%

of those organizations were attacked through their SaaS environments, making it the most targeted type of environment.

The Takeaway

For organizations that depend on Microsoft 365, they need to be prepared to quickly and accurately recover from inevitable data loss.

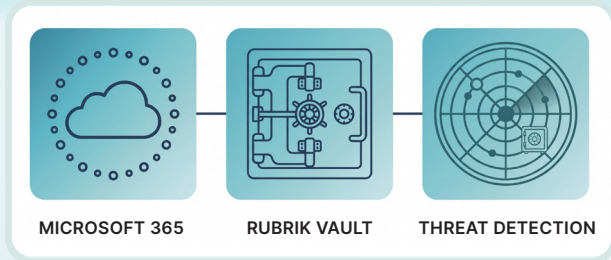
Healthcare organizations lose sensitive data in every ransomware attack

Rubrik

September 2024



UNIFIED CYBER RESILIENCE FOR MICROSOFT 365



For petabyte-scale SaaS environments, brute force backup is a recipe for weeks of downtime. Microsoft provides a secure, compliant foundation across identity, data, and application layers, with built-in protection and recovery capabilities. Rubrik extends this foundation to enable more granular recovery for minimized disruptions and provides centralized management across workloads.

Rubrik for Microsoft 365 unifies autonomous business recovery, identity resilience, and AI resilience into a single platform, so that even if your Microsoft 365 environment is compromised, your business never stops. In fact, Rubrik can autonomously classify and recover mission-critical groups in minutes, not weeks, ensuring rapid restoration of your Minimum Viable Business.

Rubrik and Microsoft's joint solution, Rubrik for Microsoft 365, delivers industry-leading technologies that deliver true end-to-end resilience and recovery. With integrations into Microsoft 365, Entra ID, and Purview, Rubrik turns a broad range of potentially disruptive attack scenarios into manageable events, allowing you to maintain business as usual.



What is your Minimum Viable Business?

MVB is a methodology that defines the core requirements and applications that must run in order for a business to stay operational. For example, you'll want to ensure your C-suite is up and running, with the past 15 days' emails and calendar available. Your MVB represents the most streamlined version of your organization that's capable of operating under adverse conditions.



90%

of IT and security leaders agree that identity-based attacks represent the single largest threat to their organizations

The Identity Crisis

Rubrik Zero Labs
September 2025

SCENARIO 1

DEFENDING AGAINST IDENTITY-BASED ATTACKS



Vulnerabilities in identity protection can bring your entire business to a halt. Logins, access requests, and decision-making all rely on verified identities, which, once compromised, allow criminals to walk through the front door undetected. Financially motivated cybercriminals increasingly target Entra ID credentials, stealing data and holding it for ransom.

Cyberattack recovery requires identity remediation (removing attacker footprints from Entra ID and AD) before anything can come back online. Rubrik orchestrates identity resilience with granular, automated Entra ID recovery, including users, groups, roles, and conditional access policies. Rubrik helps prevent lockout in the event of an identity-based attack, restoring your environment to a clean state for users to seamlessly resume their work.

To deepen your identity resilience, Rubrik reduces risks by identifying misconfigurations and overprovisioned privileges across your environment. Take action with built-in remediation workflows, such as removing delegations or disabling stale accounts, to proactively strengthen your identity security posture.

Together, Rubrik and Microsoft enhance your security posture to proactively identify and mitigate risks, delivering powerful identity resilience.

34%

SaaS data loss
caused by
accidental deletion

[2025 State of SaaS Backup
and Recovery Report](#)

Unitrends, 2025

SCENARIO 2

BOUNCING BACK FROM ACCIDENTAL DELETION



Human error is inevitable, but that doesn't mean its impacts are any less disruptive. A well-meaning employee could be cleaning up files and accidentally delete ones they didn't realize were critical. A SharePoint site that twenty people had been building for six months could get deleted, but nobody notices until it's too late. How can you prepare for these events to avoid lengthy, laborious restores?

Preparing for accidental deletions, including unusual deletions or modifications, requires a combination of data security and infrastructure security. Maintaining Microsoft 365 availability means continued business growth, and Rubrik provides that support with fast and surgical recovery, eliminating the need for manual triage. Additionally, Rubrik provides end-to-end coverage for Exchange, OneDrive, SharePoint, Teams, Dynamics 365 CRM, and Microsoft 365 Backup Storage.

Together, you can combine Microsoft's perimeter, network, endpoint, and application security with Rubrik's enhanced data resilience to quickly and confidently restore data.



SCENARIO 3

GOVERNING UNCONTROLLED AI ACCESS



What is Agent Rewind?

Agent Rewind is what you need when AI goes awry. It's a feature that enables you to undo mistakes made by agentic AI by gaining visibility into agents' actions. By creating an audit trail and immutable snapshots of agent actions, you can facilitate the safe rollback of changes to your applications and data.

As organizations continue to transform their operations with agentic AI, the scope of data risk expands, requiring stronger governance, auditability, and recovery capabilities in AI-driven environments. Tools like Microsoft Copilot, for example, don't create new data risks, but they can precipitate preexisting vulnerabilities. In cases where data governance, identity, access management, and implementation of the principle of least privilege are lacking, you must maintain access over what data your agents see as well as what actions they take.

Rubrik's integration with Microsoft Purview enhances data access governance, combining the best of both solutions. With Purview's data classification and Rubrik's remediation capabilities, you can easily identify and correct mislabeled sensitive files to improve your overall security posture.

Just as humans are prone to mistakes, so is AI. With Rubrik SAGE powering Rubrik Agent Cloud, you maintain complete visibility of AI agents built with Copilot Studio while deepening AI resilience with Agent Rewind. Rubrik's Agent Rewind is the "undo button" for AI-driven changes, designed to help you surgically revert back to the last good state without a complete rollback.

Together, Rubrik and Microsoft help you maintain your competitive edge with AI tools without compromising security.



END-TO-END PROTECTION WITH RUBRIK AND MICROSOFT

Rubrik for Microsoft 365 delivers resilience for your Microsoft environment, including data, identity, and AI. Providing coverage for critical Microsoft 365 apps such as Exchange Online, OneDrive, SharePoint, and Teams, Rubrik is a one-stop partner for end-to-end recovery and protection.

That's what Rubrik was built for: To restore your business, not just the data, no matter how the incident started. As a Microsoft Intelligent Security Association member, Rubrik works closely with Microsoft on advanced, integrated, end-to-end, and AI-powered security capabilities to ensure cyber resilience into the future.

Why Rubrik for Microsoft 365?



Autonomous Business Recovery

Autonomously identify and recover mission-critical groups in minutes to restore your Minimum Viable Business.



Data Access Governance

Harden posture and reduce blast radius. Proactively identify sensitive data risks and automate remediation before exploitation by adversaries.



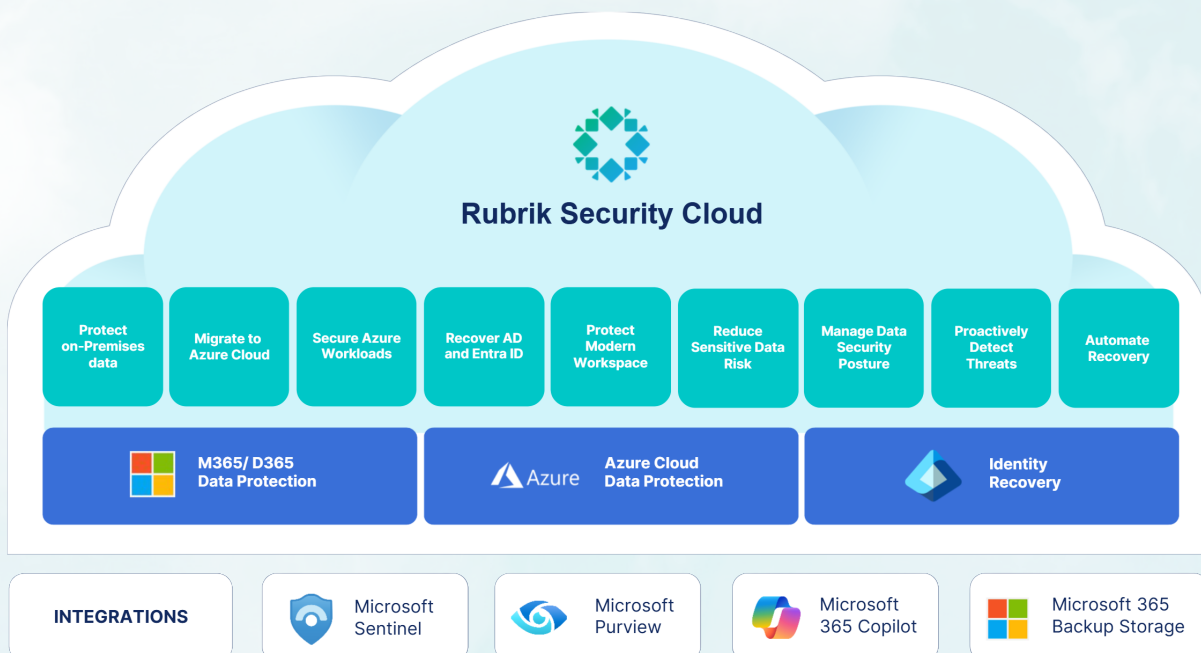
Identity Resilience

Automate Entra ID and AD recovery to prevent lockout and ensure users can authenticate to resume mission-critical work instantly.



AI Resilience

Monitor interactions to remediate rogue AI actions. Enforce agent governance with Rubrik SAGE. Instantly undo AI agent errors with Agent Rewind.



EōS FITNESS

HELPING EōS FITNESS BOOST ITS DATA RESILIENCY WITH RUBRIK

With over 175 fitness clubs across the U.S., EōS Fitness was looking to dramatically scale the company's footprint to more than 500. CIO Aaron Gette recognized the importance of IT to fuel this growth, given what's at stake when a business runs on uptime. To address these concerns, along with the complexities introduced through its recent acquisitions, EōS Fitness sought a partner to help strengthen its Microsoft environment.

Partnering with Rubrik to unify its data security across cloud, Microsoft 365, and identity, EōS Fitness replaced its fragmented point solutions. EōS Fitness has 5,000+ users who rely on Microsoft 365, making Rubrik's full and incremental backups across Microsoft technologies highly valuable for a consistent recovery strategy. Additionally, Rubrik gives EōS Fitness natively immutable, air-gapped backups for clean recovery from known-good copies that live entirely outside production.

With Rubrik, EōS Fitness realized significant benefits, including:

- Sub-2-hour recovery** objectives with on-demand granular item-level restores

- Cloud migration** accelerated with automated protection policies

- \$120M+** saved in risk avoidance

[Read the full story](#)



GUIDED RECOVERY, NOT GUESSED

With Rubrik and Microsoft, you do not have to figure out which problem you have before you can start solving it. Recovery is guided, not guessed. One-time recovery from a chosen clean restore point helps you rapidly and confidently come back online without extending disruption durations. And if an AI agent corrupted your data, Rubrik can rewind it instantly, to the exact moment before it went wrong. When the business is watching, the only thing you can do is save the day.

Assess your cyber resilience strategy with Rubrik to evaluate your recovery readiness.

Contact us



Simplify how you purchase and deploy Rubrik for Microsoft 365 through Microsoft Marketplace, all while decrementing your MACC agreement.

Learn more



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Rubrik (NYSE: RBRK) is on a mission to secure the world's data. With Zero Trust Data Security™, we help organizations achieve business resilience against cyberattacks, malicious insiders, and operational disruptions. Rubrik Security Cloud, powered by machine learning, secures data across enterprise, cloud, and SaaS applications. We help organizations uphold data integrity, deliver data availability that withstands adverse conditions, continuously monitor data risks and threats, and restore businesses with their data when infrastructure is attacked. For more information please visit www.rubrik.com and follow [@rubrikinc](https://twitter.com/rubrikinc) on X (formerly Twitter) and [Rubrik](https://www.linkedin.com/company/rubrik) on LinkedIn. Rubrik is a registered trademark of Rubrik, Inc. All company names, product names, and other such names in this document are registered trademarks or trademarks of the relevant company.