

Druva Data Security Cloud Guide

Data Security on Autopilot for the Modern Enterprise

Modern Enterprises Need Data Security

Over the past decade, data risks have diversified, shifting data protection’s role from a passive last line of defense to an active data partner in responding to and recovering from diverse data risks. Traditionally, backup solutions aimed to secure against system risks such as hardware and application failures. However, with cloud making infrastructure redundant and applications becoming more resilient, risks have shifted from infrastructure to the data layer.

Four main data threats have emerged: availability, user, cyber, and process risks. Availability risks, such as those to hardware/applications, require attention to prevent data loss. User threats like malicious exfiltration have become more serious, especially with the rise of AI, which increase the utility and exposure of stolen data. Cyber threats like ransomware continue to pose significant risks, making secure backups essential. Finally, governance and compliance processes have grown with new regulations demanding verifiable accuracy and responsible data handling across the entire lifecycle.

Security tools such as Splunk and CrowdStrike play a critical role in creating defensive layers to secure the enterprise perimeter. However, some threats inevitably breach these defenses. Legacy backup approaches typically resorted to brute force recovery, but modern incident response demands a thorough analysis of the breach’s scope, impact, and remediation strategies before recovery can occur. Data security is essential in this process, providing deep data insights that, when combined with perimeter security data, drive comprehensive and effective data-powered incident response.

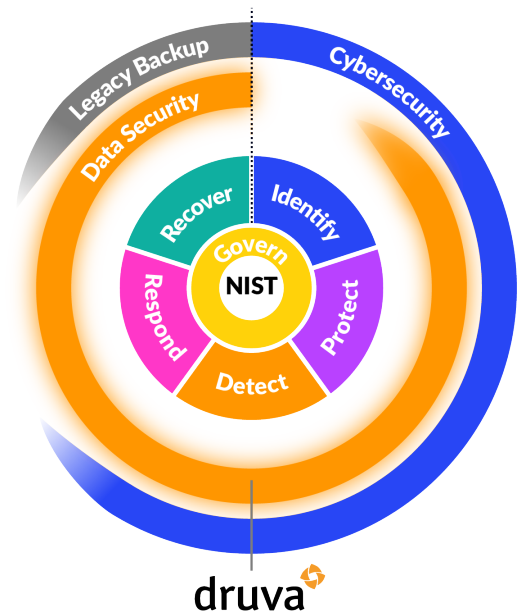
Druva bolsters enterprise data defense with the Data Security Cloud, a 100% SaaS, fully-managed platform that enhances protection, monitoring, and recovery. Druva ensures secure and clean recovery through air-gapped immutable backups, and advanced anomaly detection facilitates early threat identification.

Business challenges

- Accelerate cyber response and recovery
- Secure multi-cloud deployments
- Reduce IT costs and complexity
- Enable AI initiatives
- Protect and secure hybrid workforce

Key benefits

- Fully-managed, 100% SaaS, no hardware or software, secure-by-design; data-powered incident response and recovery
- Automated reinfection avoidance and sandbox recovery to validate clean data and prevent reinfection
- Managed Data Detection and Response (MDDR) included to automate recovery, minimizing data loss and downtime
- Patented AI-driven Unusual Data Activity (UDA) detection and threat hunting
- Unified, simplified management across all workloads — SaaS apps, end-user devices, hybrid workloads, and multi-cloud
- Compliant with the industry’s highest standards, including SOC2 type II, HIPAA, FIPS 140-2, and FedRAMP ATO
- TCO savings of up to 40% vs. competing legacy on-premises solutions
- Industry’s first and only \$10 million Data Resiliency Guarantee



The platform's integrated response capabilities allow organizations to assess and address threats promptly, and bounce back to clean data without loss. By combining these features, Druva complements existing perimeter defenses, providing a seamless, comprehensive solution that simplifies the response and recovery process and ensures robust protection against modern threats.

Druva – Data Security on Autopilot

The Druva Data Security Cloud secures and recovers data from all threats, with the simplicity and speed that only true 100% SaaS can deliver.

Key Capabilities

- **Data Protection** – Modernize backup and restore, disaster recovery, and archive with Druva's air-gapped and immutable platform. Detect threats earlier with integrated, continuous monitoring of the backup and production environments for unusual activity – automate alerts to the SIEM to accelerate response. Unify the security, backup, management, and recovery of all critical data – across SaaS apps including Microsoft (M365, Entra ID, Azure VM), Salesforce, and Google Workspace, as well as endpoints, cloud workloads, hybrid workloads, and more – from one simple console.
- **Cyber Response & Recovery** – Druva provides uninterrupted access to logs, changed data, clean backups, malware scans, and threat hunting, enabling the Incident Response team to assess and contain threats effectively. Quarantine infected backups and delete malware to prevent reinfection. During recovery, ensure clean backups with automated malware scans and sandbox recovery to test data hygiene. Curated Recovery prevents data loss by synthesizing multiple backups to find the most recent clean data, allowing IT teams to restore systems safely and promptly.
- **eDiscovery & Compliance** – Simplify data governance, enhance visibility, standardize policy enforcement, and mitigate risks. Druva enables organizations to monitor, track, and notify users of compliance risks, manage legal holds, and reduce the time and cost of eDiscovery requests. The centralized dashboard provides a federated view of sensitive data, enabling quick access and tracking of compliance violations. Key features include customizable compliance templates, tamper-proof audit trails, thresholds for sensitive data, and the ability to quarantine violations.

The Druva Advantage

- **Platform** – Druva uses a single powerful platform to protect all customer workloads, creating a common metadata namespace for each customer. This enables advanced insights into the lateral movement of threats through the system by piecing together an informed view of the gestation, timeline, and impact across the customers' data. This also unlocks the power of GenAI to enable capabilities such as conversational threat hunting and threat modeling. Additionally, Druva's AI co-pilot, Dru, is always available to assist, troubleshoot, and optimize the solution to enable the best security with the least effort.
- **Fully Managed** – Druva does it all for the customer, removing the complexities of legacy "do-it-yourself" data security. As a 100% SaaS platform, Druva deploys in as little as 5 minutes and does not require the customer to manage any infrastructure or update software – as a result, customers typically see savings of up to 40% vs. competing solutions. Additionally, Druva's Managed Data Detection and Response (DDR) service, included at no extra cost, utilizes backup telemetry to detect threats and offer swift response and recovery strategies with analysts providing proactive measures to secure and roll back compromised data for the customer.
- **Intelligence** – Druva is trusted by over 6,000 customers and growing. As a SaaS platform, Druva continuously analyzes and tracks metadata across this growing install base. When a new cyber incident or threat pattern is detected for one customer, the platform quickly learns from this incident and applies the learnings across the full customer base, regardless of size or industry.

Druva offers a cutting-edge data security solution by seamlessly merging a fully managed platform with a GenAI-powered and unified data namespace. This innovative approach ensures the availability, confidentiality, and fidelity of data, empowering businesses to prioritize and defend against the most critical risks with confidence.

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Druva is the leading provider of data security solutions, empowering customers to secure and recover their data from all threats. The Druva Data Security Cloud is a fully managed SaaS solution offering air-gapped and immutable data protection across cloud, on-premises, and edge environments. By centralizing data protection, Druva enhances traditional security measures and enables faster incident response, effective cyber remediation, and robust data governance. Trusted by over 6,000 customers, including 65 of the Fortune 500, Druva safeguards business data in an increasingly interconnected world. Visit druva.com and follow us on [LinkedIn](#), [Twitter](#), and [Facebook](#).