



Military-Grade Data Security

Data Management Built for Government

OVERVIEW

Federal, state, and local government agencies face the challenge of protecting growing amounts of sensitive data against evolving cyber threats. Rubrik combats malicious adversaries and software by enabling secure management of physical and virtualized data across IT environments, including on-premises, at the edge, and in the cloud. Rubrik offers a comprehensive portfolio of government security certifications, allowing military and civilian agencies to confidently backup, replicate, and archive data while complying with rigid data protection policies regarding classified, confidential, or personally identifiable information (PII).

Rubrik provides [in-flight and at-rest encryption](#) to secure data cost-effectively. Select Rubrik offerings are certified for the [U.S. Department of Defense Information Network Approved Products List \(DODIN APL\)](#) and have met the requirements of [EAL2+ of Common Criteria for Information Technology Security Evaluation](#). Rubrik offers its highest security standards with the r6408f and r6416f appliances, which provide at-rest encryption using FIPS 140-2 Level 2 validated self-encrypting drives (SED). With Rubrik, government agencies can ensure their data is secure and compliant throughout the data lifecycle.



COMPREHENSIVE SECURITY CERTIFICATIONS

Gain peace of mind. Rubrik offerings are certified for the [DODIN APL](#) and [Common Criteria EAL2+](#), and come with the option for FIPS 140-2 Level 2 validated SEDs.



ROBUST KEY MANAGEMENT

Maximize flexibility. Protect keys with an internal key manager or use KMI-compliant external key management server.



BROAD CLOUD SUPPORT

Rubrik supports all major government cloud infrastructure offerings, including AWS GovCloud, C2S and Azure GovCloud.

Data Security and Compliance at Multiple Levels

SOFTWARE AND HARDWARE ENCRYPTION

With the r6408f and r6416f appliances, Rubrik offers its highest level of protection with FIPS 140-2 Level 2 validated hard disk and solid state drives. Alternatively, Rubrik offers software-based encryption using an onboard Trusted Platform Module (TPM) to provide data security with AES-256 encryption. Combined with the scale-out file system of Rubrik CDM, the encryption solution provides the scalability and high data growth needs of government agencies.

SUPPORT AND SECURITY FOR ALL MAJOR GOVERNMENT CLOUDS

Rubrik supports many major government infrastructure offerings, including Microsoft Azure GovCloud, AWS GovCloud, and Commercial Cloud Services (C2S). Rubrik is an Advanced Tier Technology Partner in the AWS Partner Network (APN) and a Global ISV Co-Seller in the Microsoft Partner Network (MPN), offering hybrid cloud data management services on AWS and Microsoft Azure. In addition to securing data at rest through the Rubrik CDM software or hardware encryption options, data is also encrypted in-flight for replication or cloud archival operations. Rubrik CDM leverages client-side encryption libraries supported by public cloud providers, and all archived data undergoes envelope encryption. With Rubrik, government agencies can simplify their data protection strategy while adhering to strict regulatory and compliance controls for their cloud environments.

FLEXIBLE KEY MANAGEMENT AND ROTATION

To enable effective key management, Rubrik offers the flexibility to manage keys using an internal key manager via the TPM chip or an external key manager that is KMIP-compliant. In both cases, Rubrik facilitates security best practices by allowing users to execute a one-time key rotation or automate recurring rotations. Rubrik key management also enables secure cluster erasure to provide government agencies with an additional layer of security.

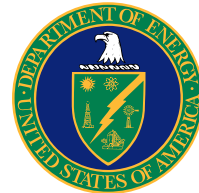
DATA INTEGRITY AND AVAILABILITY

Rubrik CDM software is engineered from the ground up to ensure data integrity and maximize data availability. At the file system level, CDM software ensures data integrity throughout the data lifecycle by validating data during read/write operations—an important factor to ensure backups are not tampered with while stored on the system. Additionally, the file system will also run automated consistency checks as a continual background process during normal operation. This consistency check ensures the system can recognize corrupt data down to the bit level and perform a self-healing process.

To maintain data availability, Rubrik CDM utilizes erasure coding at the storage level to mitigate hardware failures such as node or disk going offline. Erasure coding is enabled by default, and as a result, Rubrik can continue to read/write data to the cluster when a node or disk fails. Additionally, Rubrik Support is alerted of the hardware failure and can coordinate to have the hardware hot-swapped by the customer or Rubrik Professional Services. Finally, backup data stored on the platform provides data immutability to ensure that data cannot be modified in the event of a breach or a malicious attack.

For in-depth information, check out the technical white paper: [Exploring the Depth of Simplicity: Data Integrity with Rubrik](#).

A TRUSTED SOLUTION FOR FEDERAL AGENCIES AND CONTRACTORS



COMPREHENSIVE PORTFOLIO OF GOVERNMENT CERTIFICATIONS



Common Criteria
EAL2+ Certified



DODIN Approved
Products List



FIPS 140-2
Level 2 Validated*

*FIPS support is limited to SED models only.



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Rubrik is a cybersecurity company, and our mission is to secure the world's data. We pioneered Zero Trust Data Security™ to help organizations achieve business resilience against cyberattacks, malicious insiders, and operational disruptions. Rubrik Security Cloud, powered by machine learning, delivers data protection and cyber resilience in a single platform across enterprise, cloud, and SaaS applications. Our platform automates policy management of data and enforcement of data security through the entire data lifecycle. We help organizations uphold data integrity, deliver data availability, continuously monitor data risks and threats, and restore businesses with their data when infrastructure is attacked.

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