

Ransomware protection and recovery

GUARDIAN
APPLIANCE

You've seen the headlines – organisations with their data held hostage and payouts to perpetrators to restore it. With new strains of ransomware and other malware threats on the rise, your enterprise and customer data is continually at risk despite the steps you have taken.



Your data is under constant attack

64%

CISOs feel at risk of suffering a cyberattack

75%

IT organisations will face one or more ransomware attacks

£1.85M

average cost for rectifying a ransomware attack



Immutable Architecture...

- ✔ **Storage I/O Controls** (Ransomware Lock)
- ✔ **Zero Trust AAA Controls** (Authentication, Authorisation, Auditing)
- ✔ **Infrastructure Hardening**
- ✔ **Zero Trust Isolation & Air Gap**
- ✔ **Data Validation**

COOLSPIRiT™

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Delivered pre-configured, ready to be deployed and protecting data within a matter of hours...

GUARDiAN APPLIANCE

Identify

- ✔ Complete control over who has access and what they have access to through zero-trust principles.
- ✔ Eliminate accidental or malicious administrator actions by requiring dual authorisation to implement changes.
- ✔ Verified authentication support through a broad range of multi-factor authentication (MFA) options.
- ✔ Never worry about backup jobs being interrupted due to automatically updated credentials.

Protect

- ✔ Reduce your overall attack surface by isolating networks and data management using multitenancy functionality.
- ✔ Securely air gap your backup copies to mitigate lateral moving threats.
- ✔ Quickly adopt air-gapped cloud storage through Metallic™ Cloud Storage Service.
- ✔ Immutability with your choice of hardware to protect against changes from within and outside the backup solution.

Monitor

- ✔ A single interface to easily monitor, manage, protect, and secure your environment.
- ✔ Actively monitor for abnormal activities for more significant insights, alerting, and faster response.
- ✔ Fastest detection of ransomware and other suspicious activities.
- ✔ Track user accountability by monitoring all resources and activities.

Respond

- ✔ Automatically isolate suspected files to minimise ransomware spread and for further investigation.
- ✔ Prevent backup copies from retiring by automatically retain the last known good copy.
- ✔ Comprehensive reporting and alerting through integration with industry-leading monitoring tools for greater security coverage.
- ✔ Add your custom applications to Commvault's list of validated applications for greater security.

Recover

- ✔ Avoid ransomware file reinfections by surgically deleting suspicious or unnecessary files.
- ✔ Recover without cloud limitations with cross-cloud and cross-hypervisor flexibility to recover workloads seamlessly.
- ✔ Automate your recoveries with streamlined recovery operations through machine-learning and orchestrated workflows.
- ✔ Ensure clean file recoveries by quickly isolating suspected backup copies or restore to a safe location.

**Get back online when
you need it most!**

Speak with a COOLSPIRIT expert today!