



RANSOMWARE
DATA

RANSOMWARE PROTECTION WITH ICAS FS

iCAS FS is a scale-out storage platform for unstructured data. Start small, grow without limits – with low total cost of ownership, ease of use and high flexibility.

Compliance and security are paramount with iCAS FS thanks to immutability/WORM storage, a hardened Linux system, access restrictions, encryption and audit trail.

Advantages with iCAS FS:

- One platform for file and object storage
- High availability and scalability:
Start small, grow without limits
- Cost-effective: 53% lower costs compared to public cloud storage and you retain control over your data
- Managed Services
- Focus on data integrity and compliance
- Over 140 validated ISV and backup solutions
- Protection against cyber-attacks, human errors & natural disasters

Thanks to immutability and minimized attack surface, your data in iCAS FS is protected against cyber-attacks & loss:

- Immutability with Object Lock and WORM storage
- Closed, software-defined system with hardened Linux operating system
- No administrative access on customer side – the only external interfaces are SMB, NFS and S3
- Immutable data in iCAS FS cannot be encrypted, deleted or modified
- Clean data copies on-premises for reliable and fast recovery
- iTernity takes care of monitoring, administration, updates & patches and troubleshooting of the system
- Encryption at rest, encryption in transit and encryption of internal cluster communication
- Synchronous & asynchronous replication
- Self-healing to continuously ensure data integrity
- KPMG audited and certified solution