

# Highly Compliant, Cost-Efficient Active Archive Storage Solution

Managing massive data growth, along with rapidly evolving storage technologies, and strict regulatory and privacy requirements are some of the key challenges of long-term data storage. Enterprise organizations need to safeguard their data, whether it is customer- or patient-related information, financial records, employee documents, or other critical business data. Data integrity needs to be preserved, without slowing down data access.

Today, archive storage must exhibit the economics of traditional archives, and also have the performance of modern scale-out solutions. Software-defined file storage solutions have proven to be the best approach to combat data silos and vendor lock-in, while providing future-proof, cost effective data archiving.

## Qumulo & iTernity

Industry leaders Qumulo and iTernity help organizations optimize their archive storage infrastructures. The combined solution of Qumulo's file storage software with iTernity compliant archive software (iCAS) eliminates the complexities of legacy file storage and archiving, delivering a cost-efficient storage solution that is simple to deploy and manage, massively scalable, and ensures compliance and data integrity across on-prem and cloud platforms.

Combining their software-defined approach for data management and protection of large unstructured data sets, the joint solution addresses regulatory compliance requirements including GDPR, HIPAA, SOX, and SEC 17a-4, enabling simplified, scalable and cost-efficient archiving.

Qumulo's enterprise-proven distributed file system delivers a simple, scalable, and cost-effective storage solution that scales across on-prem, hybrid and cloud environments economically, with no hardware vendor-lock-in. Managing growth is simple – just add nodes to the existing infrastructure to increase capacity levels when required, without disruptions or downtimes.

iTernity Compliant Archive Software (iCAS) offers a flexible license model based on the net volume of your archive data – which means that data replication by iCAS does not need extra licenses. For large-scale bulk archives, the CPU license (volume flat) covers unlimited archive growth up to petabyte levels.



## FEATURES & BENEFITS

- Scale-across enterprise-proven file storage with tamper-proof WORM functionality
- Fulfillment of legal regulations, compliance requirements, and industry-specific needs
- Monitoring and auditing of archive data and protection against data corruption with self-healing technology
- 120+ supported and validated ISV business applications, including ECM, DMS, ERP, and PACS
- Software-defined, industry-standard hardware platform. No vendor lock-in
- Simple to deploy and manage
- Cloud-native design
- Solution is available via HPE Complete

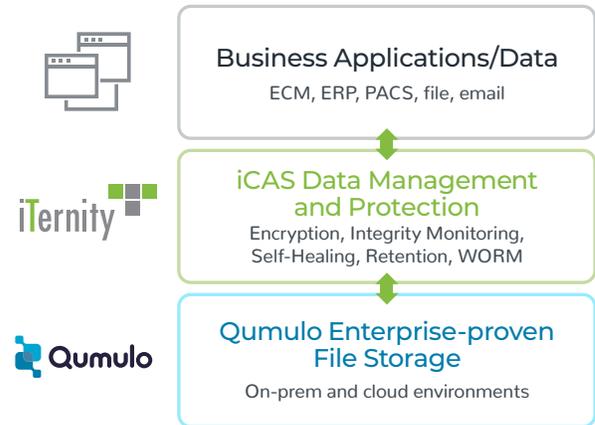
## USE CASES

- Archiving petabyte-level data sets with iCAS on Qumulo file storage software
- Compliance fulfillment for SEC 17a-4, HIPAA, SOX, Basel III, GoBD
- GDPR-certified solution
- KPMG-verified solution
- Enterprise-class data integrity protection and compliance at scale
- Hardware-independent WORM archive
- Secure storage of critical business data across on-prem hybrid and cloud environments

## QUMULO AND ITERNITY: ENSURING COMPLIANCE AND DATA INTEGRITY ACROSS ON-PREM AND CLOUD ENVIRONMENTS

### HOW IT WORKS:

- iCAS acts as middleware between business applications and Qumulo file storage
- The archive solution protects integrity and availability of all critical data and manages storage-level retention policies
- iCAS manages secure archive containers that are stored on Qumulo's distributed file system, whether it is on-prem, hybrid, or in the cloud



### Qumulo enterprise-proven file storage

Qumulo enterprise-proven file storage delivers real-time visibility, scale, and control of your data across on-prem and cloud environments. Qumulo provides a simple-to-manage scale-out architecture that gives organizations control to add capacity and performance, when and where needed. Qumulo employs erasure coding for efficient data protection, data is protected with minimal storage overhead, requiring no extra software or tiering strategies. In addition, native snapshots, audits, and cross-protocol permissions provide an extra layer of protection and security to your archive.

### Superior compliance and protection with iCAS

iTernity Compliant Archive Software (iCAS) is a scalable enterprise archive and data protection software solution for all types of business data. The middleware protects the integrity and availability of critical data and manages storage-level retention policies. The software-defined iCAS solution is purpose built for compliance, data integrity protection and maximum flexibility – independent of the utilized hardware. iTernity provides solutions for compliant data management including data replication and immutability, continuous data self-healing and policy driven data retention. iCAS ensures compliance with various legal standards (e.g. GDPR, SEC 17a-4, Basel III, SOX, HIPAA) and provides a secure platform for various data sources and business applications, including DMS, ECM, ERP, PACS, and e-mail.

### ABOUT QUMULO

Qumulo hybrid cloud file storage delivers real-time visibility, scale and control of data across on-prem and cloud. Qumulo customers understand storage at a granular level; programmatically configure and manage usage, capacity and performance; and are continuously delighted with new capabilities, 100 percent usable capacity and direct access to experts. **More:** [www.qumulo.com](http://www.qumulo.com)

### ABOUT ITERNITY

iTernity is a leading provider of compliant archiving solutions that enable organizations to securely retain their business data for the long term, within heterogeneous storage and cloud infrastructures. Its software-defined archiving approach guarantees future-proof data storage and legally compliant archiving, enabling hardware independence, flexibility, and integrity protection at low cost. **More:** [www.iTernity.com](http://www.iTernity.com)