iTernity

WE TAKE YOUR DATA SECURELY INTO THE FUTURE

ICAS FS – MANAGED SCALE-OUT STORAGE

iCAS FS is an on-premises object storage for managing and protecting business-critical data in use cases around compliant archiving, secure backup storage, relief of primary systems and long-term storage.

Start small and scale out to the petabyte range in one software-defined platform – cost-efficient, highly available and flexible.

The platform is fully managed by iTernity, eliminating the need to provision and train IT resources for monitoring, troubleshooting and administration.

iCAS FS helps to overcome the tensions of data growth, cybersecurity, skills shortage and limited IT budgets to build a future-proof infrastructure.
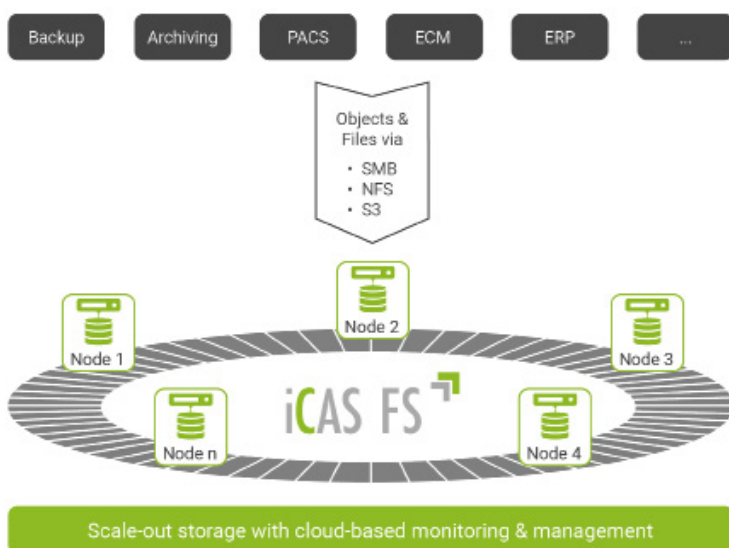
BUSINESS CHALLENGES

Data Growth vs. IT Budgets

Complexity & Time to Manage

Cyber Attacks & Data Loss

Backup | Archiving | PACS | ECM | ERP | ...

Objects & Files via
- SMB
- NFS
- S3

Node 1 | Node 2 | Node 3 | Node n | iCAS FS | Node 4

Scale-out storage with cloud-based monitoring & management

- Cost efficiency in small and large deployments
- No complexity, no management overhead
- Managed Services & proactive monitoring
- Ransomware protection thanks to immutability and a minimized attack surface
- Intelligent replication
- Based on standard x-86 hardware
- S3, NFS & SMB interface
- Audited by KPMG

ICAS – FLEXIBLE ARCHIVING MIDDLEWARE

iCAS is a middleware for retention management and WORM storage. The solution integrates perfectly into existing IT infrastructures.

iCAS protects data integrity and availability, even if the underlying storage technology and hardware changes in the future.

As a software-defined solution, iCAS lays the foundation for audit-proof archiving and protects investments in hardware and software.

iCAS connects existing business applications to the storage infrastructure and is independent of both sides. The middleware is based on standard hardware and can be deployed with on-premises, object and cloud storage solutions.
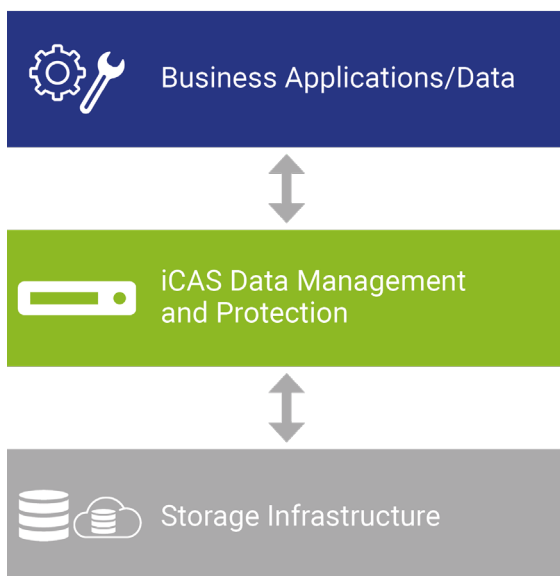
BUSINESS CHALLENGES

Compliance & Fulfillment of Legal Requirements

Hardware & Vendor Lock-ins

Integration Into Existing IT Infrastructures

Business Applications/Data

iCAS Data Management and Protection

Storage Infrastructure

- Flexible middleware: decouples the archiving intelligence from hardware
- WORM, retention management and encryption
- 140+ validated business applications (DMS, ECM, ERP, PACS, HIS, Email)
- Supporting DAS-, NAS-, SAN-, object- and cloud storage targets
- Automatic Self-Healing to protect data integrity
- NFS & SMB interface
- Audited by KMPG

WHY ITERNITY?

We manage and protect your data availability, integrity and security in the most efficient way.

Software-defined

Secure

Flexible

Cost-efficient

Strong partner ecosystem

Proven solutions with 1,200+ customers

Experience since 2007

Global distribution network

GET IN TOUCH WITH OUR EXPERTS:

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