

Managing Evolving Compliance Regulations and Increasing Storage Requirements in One Software-Defined Solution

HIPAA, GxP, SOX, SEC 17a-4, PCI-DSS – these are but a few of the key compliance regulations that have been introduced in the last 20 years. Many of these regulations require a combination of immutable storing, logging, audit trails, and the ability to retrieve specific information promptly in the correct format. In most industries, specific rules apply, increasing the complexity of meeting compliance. In highly regulated markets like healthcare, financial services, pharmaceuticals, and life-sciences, huge data volumes are generated, requiring compliant storage solutions that can span decades of retention periods.

Enterprise data centers have evolved into complex environments, designed to serve multiple workloads such as shared file storage, backup & archiving, customer-facing cloud offerings and many legacy applications. As each application workload has its own specific storage requirements, most enterprise data centers consist of heterogeneous storage infrastructures or “storage silos.” Running such heterogeneous storage environments is very expensive: every storage system requires trained staff, storage efficiency is difficult, and scaling out dedicated storage systems puts a heavy burden on the storage TCO.

Many innovative enterprises are now looking to replace storage silos with Private Cloud storage systems that can fundamentally match both the data “types” and the access patterns presented by their applications. This includes multi-protocol support

(for file, object, and OpenStack access), efficient and persistent storage for mixed data types (very large files to billions of small records) and support for very large data capacities (grow organically and scale forever).

Scality delivers the simplest and most efficient storage architecture for this purpose. The Scality RING™ enables organizations to build highly scalable global enterprise clouds, consolidating and protecting the data from multiple workloads into a single, low administration environment. The combination of software-defined flexibility, multi-workload and application consolidation, and high scale and availability reduces total costs by 50-70%. When paired with iTernity iCAS, the Scality RING can meet legal and industry-specific regulations to provide a compliant long-term archiving solution.

iTernity iCAS Benefits

Multi-tenant capability

Fulfills various compliance regulations (e.g. storage related requirements of SEC rule 17a-4 (f))

Patented solution for retention management and immutability

Protects archive data integrity

Scality RING Benefits

Features multi-protocol support (file, object, OpenStack)

Enables one storage “platform” across organizations: centralizing strategy, budget, and resources

Proven solution with a short road to market

Lower TCO – unbundles hardware cost from software and simplifies administration at scale

Why Compliance?

In all industries and markets, regulatory bodies have increased controls and penalties including high fines and legal action. Compliant data archiving is a solution to the tremendous business risk of non-compliance. Many business-critical applications rely on approved interfaces to iTernity iCAS to safeguard secure data archiving.

Why is the iCAS and RING Solution Superior?

Software deployment flexibility – your choice of industry standard hardware

No hardware appliance lock-in – pay as you grow

Validated as archive backend for most enterprise applications (ECM, E-Mail, ERP..)

Proven at massive scale, across many industries, with many different types of regulations

Very efficient with strong data protection, compression, and erasure coding

Highly reliable with 100% uptime

Value of the iCAS and RING solution

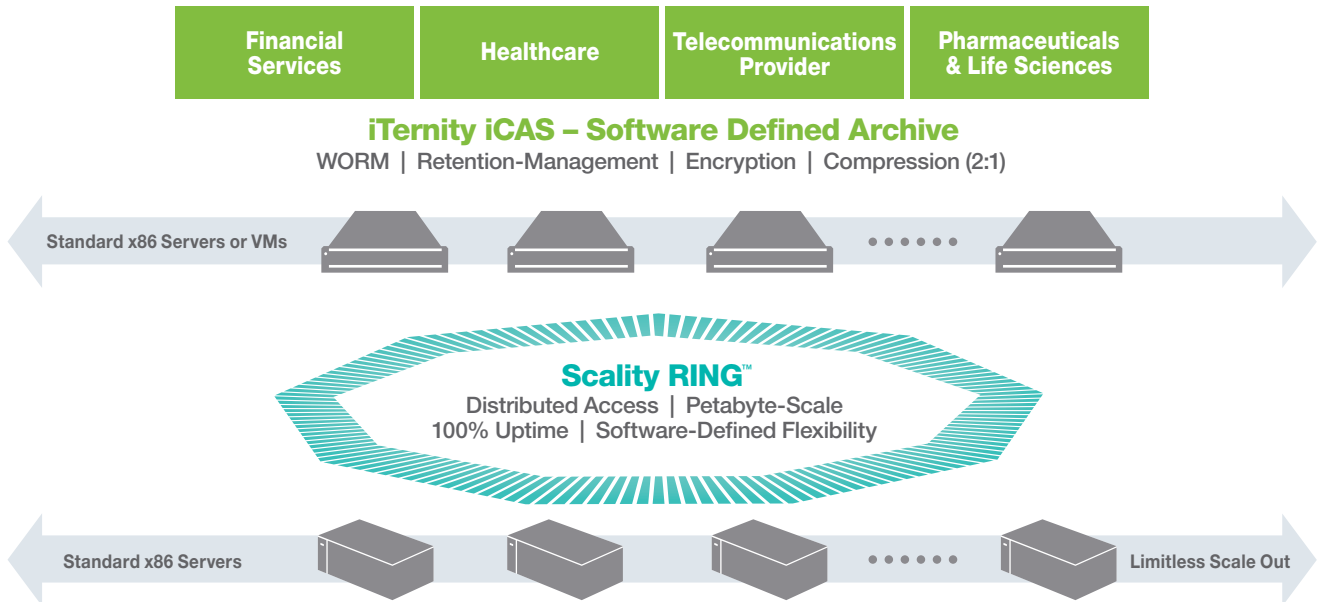
Easy to access and integrate because of standardized file system interface

Retain control of your compliant archive with competitive TCO to cloud

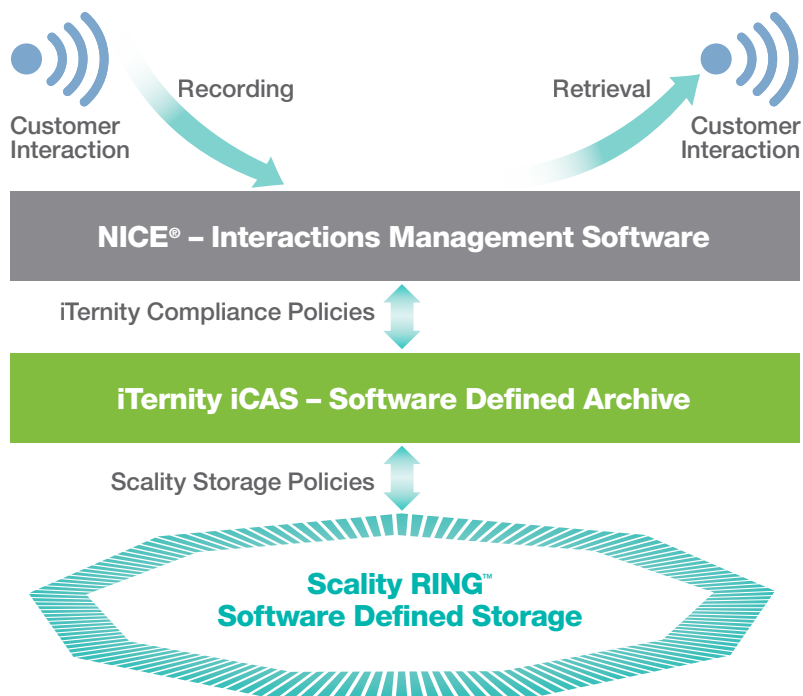
Reduce management issues and complexity with one central, scalable platform

Dramatically improve TCO over legacy appliances

iCAS and RING Solution Architecture



iCAS and RING Solution Workflow With NICE Interaction Management Example



“ Scality and iTernity enable customers to build a
Global Enterprise Cloud with rich compliance services. ”

About iTernity

iTernity is a leading vendor for software-defined archiving solutions. Future-proof protection of application data within heterogeneous storage and cloud infrastructures is the company's mission. iTernity provides solutions for compliant data management including data replication and

immutability, continuous data self-healing and policy driven data retention. iTernity Compliant Archive Software (iCAS) is an enterprise archive and data protection software that helps organizations store data flexible and securely.

About Scality

Scality is the industry leader in petabyte-scale, software-defined storage. Founded in 2009, Scality's software-based RING storage delivers billions of files to 200 million users daily with 100% uptime. The RING makes standard x86 servers scale to hundreds of petabytes and billions of objects. The RING's end-to-end parallel architecture provides unsurpassed performance, while its patented object storage

core increases availability, durability and dramatically reduces operational costs. The RING integrates with applications through standard storage protocols such as NFS; S3; OpenStack Swift and Cinder. Customers include the world's largest enterprises, particularly in media, telecommunications, and cloud.



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