

CREATE A 3-2-1 HYBRID ARCHIVE FOR PERFORMANCE, SECURITY AND ARCHIVE DISASTER PREVENTION

The archiving experts at QStar understand that all archives are different. They need to fit into specific business environments and each has their own measurements for success. One organization's archive may need fast restore, another may require offsite storage, and a third is looking for data immutability. Trying to find a single solution that fits all these and many more requirements has, in the past, been challenging.

QStar has created an archive platform that allows organizations to employ blends of storage technologies to fit their individual archive requirements and create a resilient, obsolescence free hybrid archive.

QStar Archive Replicator software can synchronously write replicas of data to up to four technologies using a mix of industry standard or proprietary file systems.

This software can be used to design archives that create both a local and remote store, that blend fast and secure technologies and deliver optimum flexibility to easily employ new technology, as it becomes available.

Using two tape libraries at different locations can protect data against site failure. Tape can provide the lowest cost, secure copy, using rewritable or, for evidentiary purposes, WORM (write once read many) media. Alternatively, a low-cost RAID system can be paired with a tape library to create a higher performance yet resilient archive. Object Storage or private / public cloud can provide faster retrieval of data for e-discovery purposes.

QStar calls this the "3-2-1 Archive and Data Protection Best Practice"*. Three copies of all archived data are retained on two different archive technologies, one copy is for disaster recovery and should be stored at a secondary remote site. Endorsed by leading storage industry analysts, 3-2-1 provides a very a simple, yet reliable approach to securing data for the long term through the efficient optimization of IT resources.

VENDOR NEUTRAL OBSOLESCENCE FREE ARCHIVE

QStar Archive Replicator supports the idea that data often outlives the storage technology it is placed on. The ability to add new storage technologies and phase out older, uneconomical storage is built into the software. Synchronization tools are available that re-create the archive on new storage by replicating it from other technologies.

Existing users of QStar Archive Manager can easily upgrade their systems, adding a performance copy or offsite store to an existing QStar managed archive. Under certain circumstances, QStar Archive Replicator can also be added to an existing non-QStar archive, providing synchronous replication to a second store.

Flexibility is the key to creating archives that suit all environments, grow and change with the requirements of the organization and stand the test of time, to provide significant return on investment now and in the future.

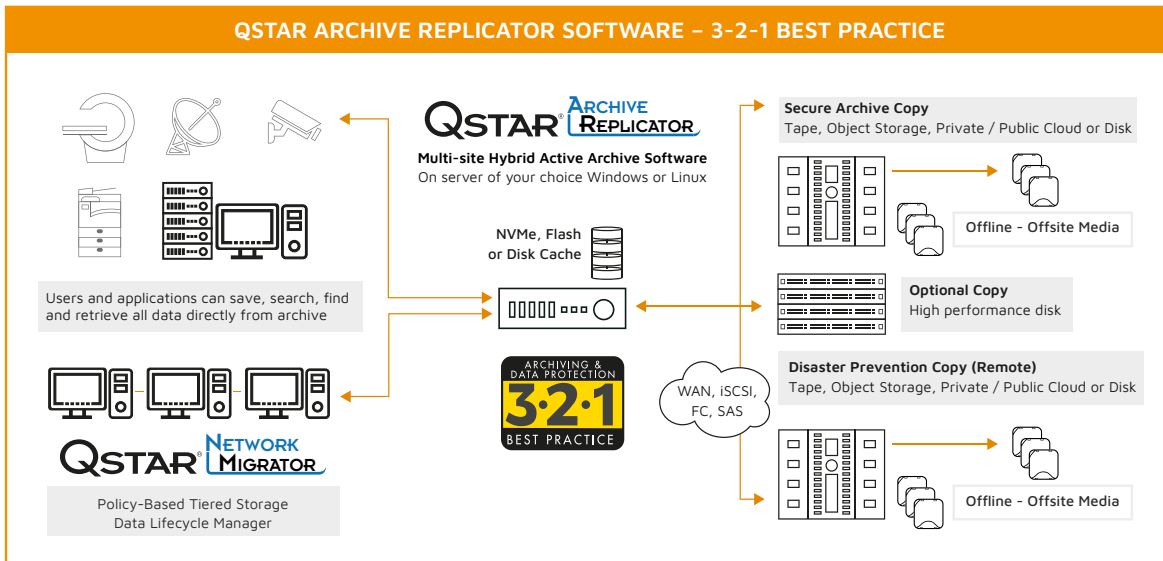
HIGHLIGHTS

- Software manages archive and data replication, synchronously writing to up to four replicas on different technologies
- Multiple archive technology support creates a:
 - » 3-2-1 Archive and Data Protection Best Practice strategy
 - » Obsolescence free vendor neutral archive
- User access to archive via SMB, NFS and / or S3 protocols
- Supports blends of industry standard and proprietary file systems
- Seamless migration from legacy archive storage and easy replication of existing NAS disk archives to a second archive store
- Highly scalable to multiple petabytes
- Retention management to meet internal governance and compliance
- Install on your choice of server using
- Windows or Linux

OPTIONAL

- Encryption & digital signature
- Policy-based tiered storage and data management with QStar Network Migrator

QSTAR ARCHIVE REPLICATOR SOFTWARE – 3-2-1 BEST PRACTICE



CREATING A 3-2-1 ARCHIVE USING QSTAR ARCHIVE REPLICATOR AND OBJECT-BASED STORAGE

For those organizations that have chosen to use Object-based Storage solutions to address their archiving needs, these solutions perform two roles, creating both the “performance” and the “secure” copy. None offer a low-cost disaster recovery copy. The primary method to create a DR copy is to buy a second Object Store and replicate them. Using QStar Archive Replicator, the primary store can be Object Storage with a secondary store to any lower-cost archive storage, such as a tape or public cloud.

QStar Archive Replicator software can be installed on your choice of server supporting Windows or Linux environments. It is easily scalable from terabytes to many petabytes.

PLATFORM COMPATIBILITY PROTOCOLS SUPPORTED SERVER PLATFORM HARDWARE SUPPORT SOFTWARE SUPPORT

Windows or Linux - plus optional Clustered server configuration
SMB, NFS, S3, HTTP, FTP
64 bit server platforms
All archival storage providers of tape, object storage, private / public cloud, or NAS / RAID
QStar software integrates transparently with email, SharePoint, DICOM, document, audio, video and database archiving applications

CUSTOMER SUPPORT SERVICES

Full range of maintenance programs, customer support services and training available worldwide

More detailed information about system requirements, supported hardware and technology partners is available on www.qstar.com

Since 1987, QStar Technologies, Inc. has been a trusted global provider of enterprise-class data management, archiving and cloud solutions. Delivering reliable, highly scalable and secure solutions for long-term access and preservation of valuable digital assets. Visit www.qstar.com for more information.

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