

Quantum

STORNEXT SHARED STORAGE FILE SYSTEM

For Evidence & Forensic Data



DATASHEET

FEATURES & BENEFITS

Immutable Evidence Storage

- Protects against deletion and tampering
- WORM and retention lock capabilities
- Meets chain-of-custody requirements

Scalable Storage Architecture

- Scales from terabytes to hundreds of petabytes
- Multi-tier architecture with flash, disk, tape, and cloud

Policy-Driven Lifecycle Management

- Move data from active storage to cold archive automatically
- Reduce costs while maintaining data integrity

Broad Ecosystem Integration

- Supports bodycam/DVR ingest systems, evidence management platforms, and LIMS

Proven Law Enforcement Deployments

- Deployed in local, state, and federal justice organizations

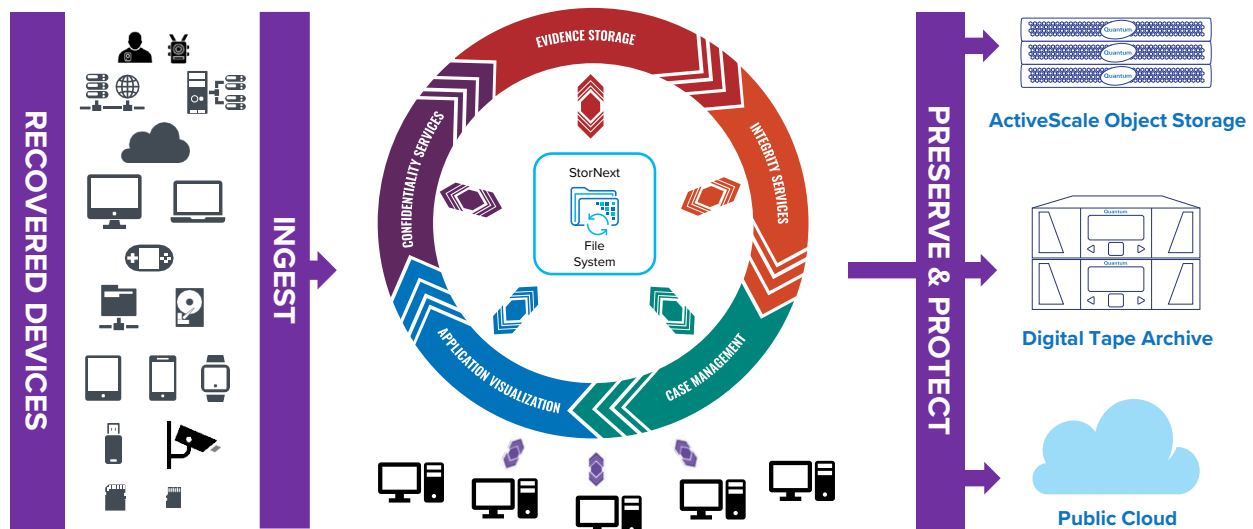
Secure, Immutable, and Scalable Data Retention for Criminal Justice and Law Enforcement Agencies

Meeting the Challenge of Digital Evidence Growth

Law enforcement agencies are generating massive volumes of digital evidence—from body and dash cams to forensic imaging, mobile device extractions, and lab reports. Managing this sensitive data requires performance, security, and long-term retention.

Quantum StorNext® is a shared storage software platform—a high-speed file system that can span different types of storage in a single namespace with integrated data lifecycle management—that is ideally suited for law enforcement and forensic workflows. It provides a scalable solution with integrated immutability, automated lifecycle management, and support for CJIS-aligned retention policies—ensuring that critical digital evidence is protected, accessible, and verifiable for decades.

StorNext enables these agencies to accelerate their workflows, dramatically shorten the time needed to produce results, and address the gap between data growth and budgets by managing data across the entire lifecycle.



LEARN MORE:

www.quantum.com/stornext

STORNEXT SOLUTION ARCHITECTURE

Quantum StorNext delivers an end-to-end workflow for digital evidence—from high-speed ingest to secure long-term preservation. The system supports flash-based performance tiers for active investigations, and immutable tape or object-based archives for long-term, cost-effective storage. MD5 checksums are used for data integrity checks during data movement.

If data requires preservation over time, it can be copied or moved to Quantum LTO-supported tape libraries, ActiveScale® object store on-premises, or S3 in the public cloud. Data placed in object storage or S3 in the cloud is self-describing with vast benefits: leverage applications in analytics directly against data in the cloud, facilitate collaboration across departments or organizations, and protect data assets from infrastructure obsolescence or vendor lock-in.

DATA FLOW EXAMPLE:

Ingest → Collaborate → Archive → Retrieve

- Investigators and labs ingest high-res digital evidence
- Analysts and prosecutors collaborate via secure shared access
- Cold cases and long-term retention data move to tape/cloud
- Rapid retrieval ensures readiness for legal proceedings

INDUSTRY-LEADING FEATURES

Feature	Benefit
Immutable Archive (Tape/S3)	Secure, tamper-proof long-term storage for legal compliance with FIPS 140-2 Encryption
FlexTier™	Automatically move data across storage tiers
FlexSync™	Sync data between agencies or offsite facilities
Metadata-Rich Namespace	Fast access to billions of files and forensic datasets
Client Access Control	Restrict access by role or agency
Web-Based GUI & API	Simple management and automation
Active Directory / LDAP	Seamless user authentication
Self-Describing Object Format	Ensure long-term readability and independence from proprietary software

TOP EVIDENCE USE CASES

- Bodycam / Dashcam Archive
- Forensics Lab Data Retention
- Mobile Device & Digital Extraction Storage
- Cold Case Evidence Repositories
- Shared Multi-Agency Evidence Storage

CONCLUSION

Quantum StorNext empowers law enforcement with a secure, high-performance, and scalable platform for managing and preserving digital evidence. With immutability, chain-of-custody assurance, and cost-effective long-term retention, agencies can maintain public trust and legal defensibility—today and into the future.

CONTACT US TO LEARN MORE OR SCHEDULE A DEMO



800-677-6268 (US/ CAN)

800-881-2296 (Federal Government Solutions)



www.quantum.com

www.quantum.com/request-demo

Quantum StorNext® – Built to Preserve Truth. Protect Evidence. Ensure Justice.

Quantum

Quantum delivers end-to-end data management solutions designed for the AI era. With over four decades of experience, our data platform has allowed customers to extract the maximum value from their unique, unstructured data. From high-performance ingest that powers AI applications and demanding data-intensive workloads, to massive, durable data lakes to fuel AI models, Quantum delivers the most comprehensive and cost-efficient solutions. Leading organizations in life sciences, government, media and entertainment, research, and industrial technology trust Quantum with their most valuable asset – their data. Quantum is listed on Nasdaq (QMCO). For more information visit www.quantum.com.

© Quantum Corporation. All rights reserved. Quantum, the Quantum logo, ActiveScale, and StorNext are registered trademarks, and FlexSync, and FlexTier are trademarks, of Quantum Corporation and its affiliates in the United States and/or other countries. All other trademarks are the property of their respective owners.