Quantum®

Solutions for the Complete Video Surveillance Life Cycle

3VR and Quantum have combined industry best-of-breed technologies to build the ultimate video management solution for forensic search, case management, and business intelligence. Built with advanced features that automatically migrate data from high-performance primary storage for capture and analysis, to lower-cost intelligent API-integrated enterprise tape libraries for long-term content preservation, the system maintains the ability to locate files quickly from anywhere the surveillance content is stored, including the cloud.

CLICK. SEARCH. FIND.

3VR VisionPoint video management provides the single-pane management layer for forensic search, case management, and business intelligence. VisionPoint VMS provides the tools to gather intelligence from video, speed up searches, and easily develop cases.
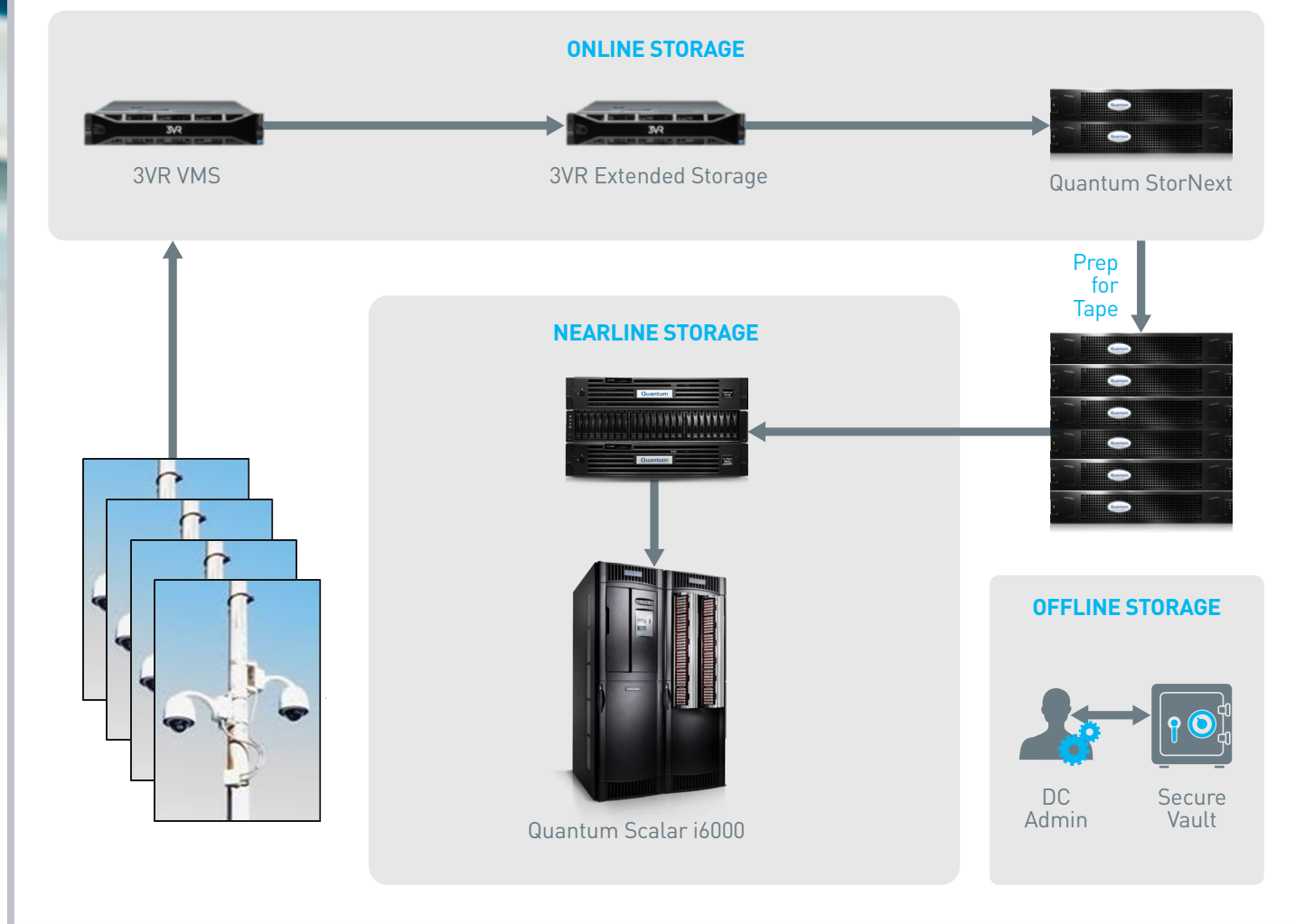
BACKUP VIDEO TO EXTERNAL STORAGE

3VR Extended Storage Server (ESS) software: ESS transfers video and metadata to Quantum SAN storage appliances as a scheduled or live backup. Video is then archived by StorNext® and can be searched locally or remotely with 3VR's OpCenter.

The StorNext data management system allows for custom rules for migration and retention that keep data as long as needed and remove content on time to maintain compliance. The combined solution management systems and automatic video indexing and search make it possible to analyze many hours of video in just a few minutes. StorNext is a true scale-out storage infrastructure that allows for multi-petabyte growth without the disruption of hardware replacement or complex data management.

As more and more surveillance content is collected, maintaining access to data is important, but scaling primary storage to keep all video material online would be cost prohibitive. StorNext data management can automatically migrate content from primary disk for ingest, to lower-cost tape archives for the most cost-effective long-term storage—all through rule-based policies, and all while maintaining immediate access to footage for analysis and review.

Figure 1. Quantum and 3VR Data Workflow

ONLINE STORAGE

3VR VMS

3VR Extended Storage

Quantum StorNext

Prep for Tape

NEARLINE STORAGE

Quantum Scalar i6000

OFFLINE STORAGE

DC Admin

Secure Vault

ROBUST DATA INTEGRITY AND RELIABILITY

Above all, video surveillance content must be captured and stored with uncompromising reliability. In almost all cases, video surveillance content is only available once, so it's imperative that the material gets to storage and gets protected as soon as possible. The StorNext data management system automatically creates multiple copies to support both on-site protection and off-site long-term storage.

ABOUT 3VR

3VR provides video intelligence solutions for real-time security and customer insights enabling organizations to protect employees, customers, and assets as well as improve store operations and shopping experiences.

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