

Quantum.

# INTELLIGENT DATA MANAGEMENT WITH QUANTUM AND DATAINTELL

## Managing a Complex Data Environment

Proactive data management is an essential part of storage best practices and can greatly optimize a business's operations and finances. With the unprecedented data growth that companies must manage across many digital sources, projects, and underlying storage platforms, cost and complexity increases dramatically.

Lack of transparency and insight on storage cost, usage patterns, growth trends, and expansion needs each contribute to ongoing data management challenges. Overall costs and the risk of bottlenecks increase, and staff productivity suffers.

## Lower Storage Costs and Complexity

Quantum and DataIntell work together to create end-to-end solutions that help businesses save time and money with centralized data insight and oversight across their entire storage infrastructure. By combining DataIntell's innovative data analysis and search tools with Quantum's multi-tiered storage platforms, organizations can simplify ongoing data management and limit and defer the expansion and expense of costly, high-performance storage tiers and platforms.

Quantum StorNext® and ActiveScale™ platforms are scale-out file and object storage solutions meeting massive data requirements with policy-based tiering across solid-state disks, hard disk drives, object, cloud, and tape mediums to store more data at lower cost. Quantum Scalar® tape solutions, transparently accessed as a tier within StorNext and ActiveScale platforms, provide the lowest cost storage option, requiring little power to store data for long periods, plus offline resilience to protect against cyber threats.

With the combination of DataIntell tools and Quantum platforms, organizations can simply deploy, apply, and maximize the use of low-cost storage technologies across their entire IT environment. Cost-saving features, combined with powerful search and data management functions, provides IT managers a complete solution to make their entire storage infrastructure more efficient and transparent.

## SOLUTION BRIEF



### BUSINESS BENEFITS

- **Reduce the time** spent managing growing volumes of data.
- **Evaluate and reduce** the overall cost of storage within your enterprise.
- **Understand and monetize** storage usage of individual groups and projects.
- **Reduce reliance** on expensive storage platforms and tiers.
- **Simply find** any data from across the organization with fast, indexed searchability.
- **Automate data management** and migration with custom workflows.

### KEY FEATURES

- **Single-pane-of-glass management**  
Comprehensive solution across your entire storage infrastructure including Quantum StorNext and ActiveScale.
- **Audit storage usage by project**  
Define projects of files and directories across storage platforms to track, analyze, and manage cost.
- **Track storage trends**  
Track storage platforms, projects, groups, or folders across platforms to anticipate need for migration or expansion.
- **High level and granular cost analysis**  
Analyze storage costs across storage platforms and for each file or project.
- **Optimize and monetize storage**  
Find and remediate duplicate and dormant files and files; charge back for storage use.
- **Automate and integrate workflows**  
Simplify operations with a REST API command set, alerting, and notifications.

### Greater Insight, Efficiency, and Control

As a centralized dashboard across on-premises storage and cloud platforms, DataIntell graphically analyzes data use, storage, and cost. This allows IT teams and content creators to simply monitor, understand, and optimize storage and data usage across the entire enterprise.

Deployable on Quantum servers, DataIntell software allows for quick and easy classification of folders and files into “projects” representing a department, a client, a specific project, group, or other unifying principle. Knowing the size, number of files, changes over time and storage cost of each project is extremely beneficial for budgeting, optimizing data organization, and understanding storage consumption and cost specific to each project.

DataIntell identifies old and unused files and provides views into data changes, file duplication, and space utilization over time. Storage usage trend graphs allow decisions on storage expansion to be made based on actual statistics and patterns. DataIntell also calculates how much a group of files would cost to store on a particular tier or type of storage, which means IT teams can anticipate and move data to the most cost-effective storage location given data usage patterns.

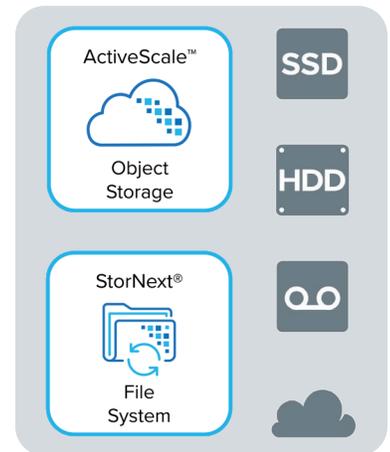
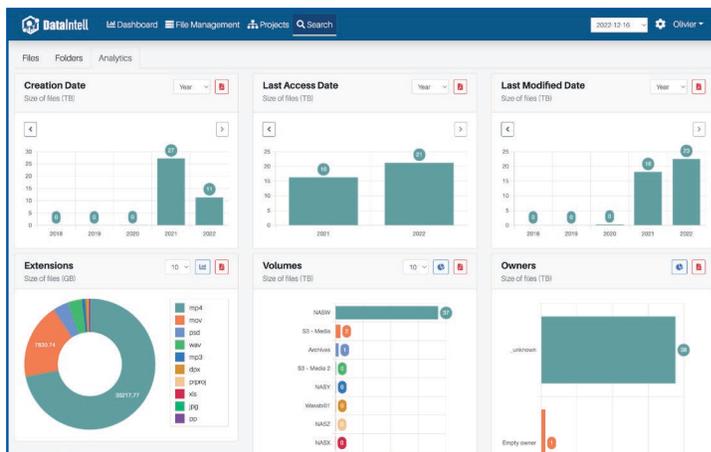
The DataIntell search engine helps you find files and folders faster. Take full advantage by sorting and finding data based on intelligent insights, filter searches using charts, download search results, and even create custom lists using our tagging feature.

### Simple, Optimized Storage Infrastructure

DataIntell allows you to optimize your storage infrastructure, including data stored on Quantum StorNext and ActiveScale platforms, with insight and a precise understanding of storage usage and cost. Reduce storage cost and complexity and leverage your data further with DataIntell and Quantum.



DataIntell provides a consolidated dashboard of insights and understanding of your storage infrastructure across both on-premises and cloud-based storage, including Quantum StorNext and ActiveScale storage platforms. StorNext and ActiveScale scale-out storage platforms employ a combination of solid-state drives, hard drives, tape, and cloud resources for automated, policy-based tiering, data protection, and disaster recovery, making them ideal cost-optimized storage solutions for cost reduction and data consolidation initiatives.



## Quantum.

Quantum technology, software, and services provide the solutions that today’s organizations need to make video and other unstructured data smarter – so their data works for them and not the other way around. With over 40 years of innovation, Quantum’s end-to-end platform is uniquely equipped to orchestrate, protect, and enrich data across its lifecycle, providing enhanced intelligence and actionable insights. Leading organizations in cloud services, entertainment, government, research, education, transportation, and enterprise IT trust Quantum to bring their data to life, because data makes life better, safer, and smarter. Quantum is listed on Nasdaq (QMCO) and the Russell 2000® Index. For more information visit [www.quantum.com](http://www.quantum.com).

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