



HIGH PERFORMANCE AND LONG TERM RETENTION THAT DOESN'T BREAK THE BANK

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Quantum

The Demanding Markets We Serve



Applying The Right Technology At The Right Time

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**HPC
Workflow**

ACQUIRE

ANALYZE

RETAIN

STORNEXT 5 DATA MANAGEMENT LAYER

**Tiers and
Sites**

PRIMARY



SECONDARY



ARCHIVE



CLOUD



File System, Tape, and Nearline Disk: StorNext

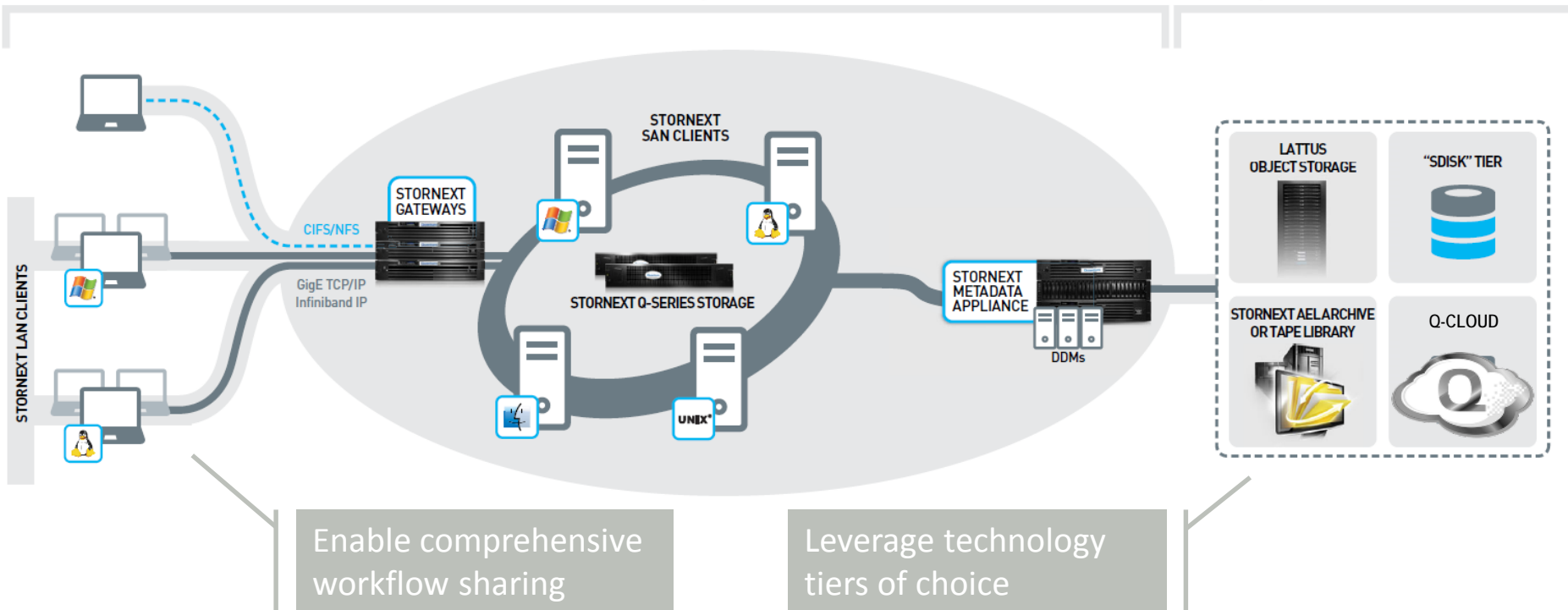


STORNEXT 5 SCALE-OUT STORAGE

High-Performance Shared File System

STORNEXT TIERED ARCHIVE

Policy-Driven, Cost-Effective Tiering



Quantum Tiered Storage Portfolio

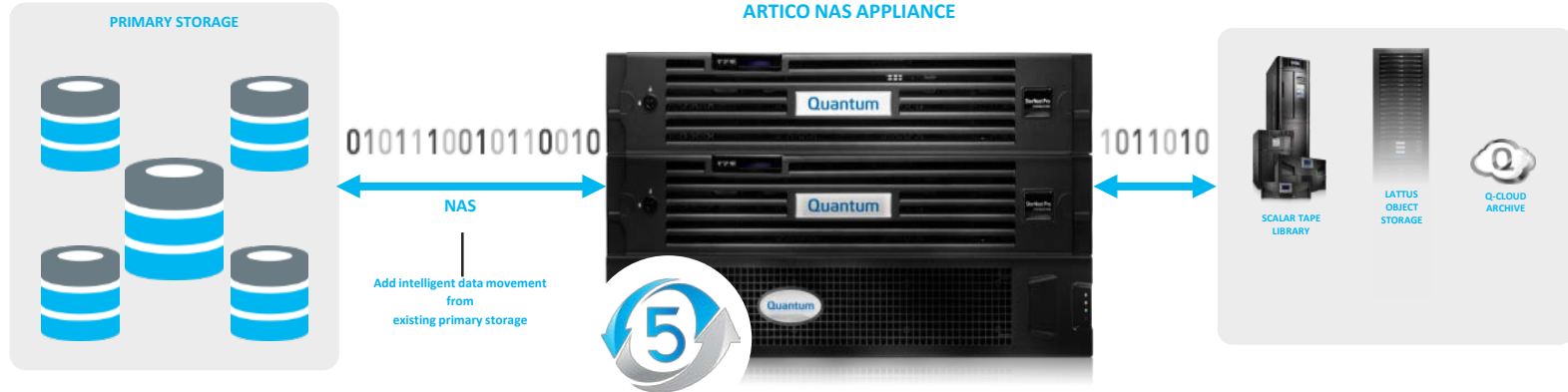


End-to-end storage portfolio that powers your strategic applications

ARTICO – Intelligent NAS Archive



- ▶ Tiering policies deliver the best TCO for sharing, storing, and protecting data
- ▶ Comprehensive choice of archive targets
- ▶ Scales from small environments to petabytes





HYBRID STORAGE

Quantum

Quantum QXS Hybrid Storage Family



Entry

QXS-3 Series

Arrays optimized for virtualized IT workloads



Up to 40,000 iops

Optimized Performance

QXS-4 Series

Storage targeting vertical markets: Telco, M&E, Big Data Analytics, High-Performance Computing



Up to 100,000 iops

High Performance

QXS-6 Series

High-Performance Computing



Up to 200,000 iops

Real-time, autonomic data placement (tiering) for balancing performance and costs are critical

Capacity HDD

Performance HDD

SSD

Customer Example: HPC Customer



SITUATION / PROBLEM

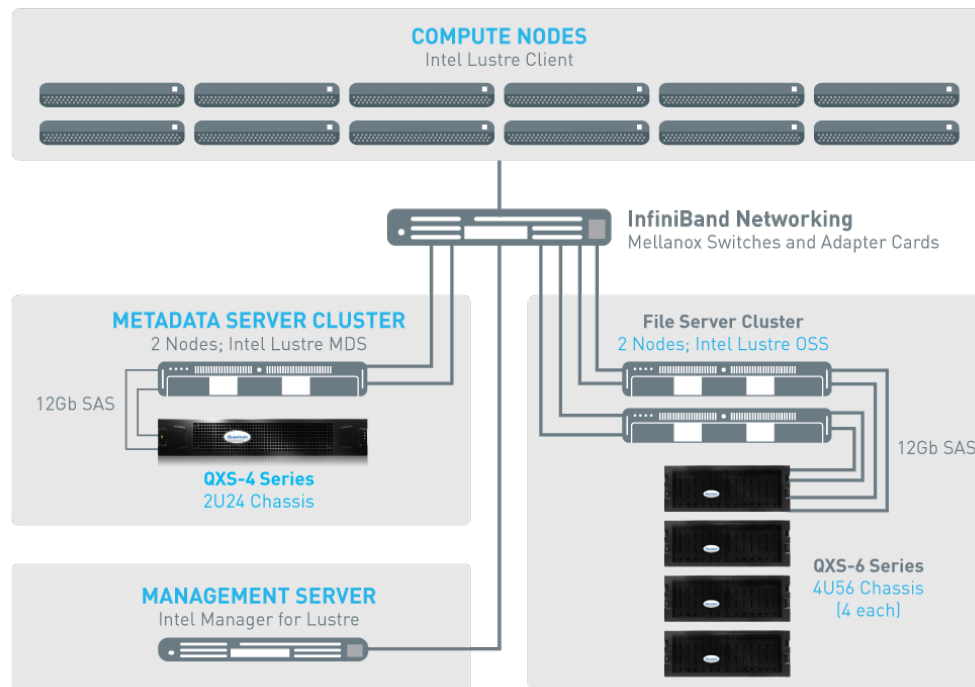
- New HPC customer, wanting to avoid Panasas and EMC/Isilon lock-in. Needs 1PB with tremendous read, good write throughput and ability to expand. Concerned with Lustre ramp.

CUSTOMER SOLUTION

- **QXS-656** with 224x6TB LFF drives, Linear Configuration, 22 Object Storage Targets + **QXS-456** with 8x900GB LFF HDDs

BUSINESS BENEFITS

- Extreme read performance of 12GBps
- Trusted partner with Intel IEEL™
- Simple setup and management



Quantum Tiered Storage Portfolio



End-to-end storage portfolio that powers your strategic applications

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