WHY QUANTUM DXi
PURPOSE-BUILT APPLIANCE?

Quantum invented and holds the IP for variable-length deduplication technology. Deduplication can reduce the amount of backup data by up to 90%. Additionally, deduplication dramatically reduces network traffic, enabling simple, cost-effective replication (copying of data) to remote sites for disaster recovery. A Quantum DXi® will benefit almost immediately by helping you massively consolidate various storage appliances into a single 10U rack space, enabling an efficient global data protection strategy. Here are 10 reasons why:

1 PERFORMANCE: ULTRA-FAST INGEST, RESTORES
High-speed purpose-built backup appliance with SSDs for metadata to accelerate all aspects of system performance. With sustained performance of 35 TB/hr and 99 TB/hr with DXi Accent™ client software, it means fast backups and even faster restores.

2 DENSITY: MOST EFFICIENT, HIGHEST DENSITY DESIGN
Includes 8 & 12 TB (latest) HDDs, fewer spindles, less power & rack space to minimize footprint and spend. Scales over 20 PB logical capacity in 10U @ 30:1. Expansion provides industry's best density.

3 CONTINUOUS REPLICATION FOR CONSTANT PROTECTION
Provides continuous namespace replication for Disaster Recovery purposes. Quantum offers better replication and more granularity (cartridge/file trigger based + snapshots) at no additional cost. Meet RPO & RTO objectives.

4 SCALABILITY: EASY TO SCALE
With Capacity-on-Demand, all-inclusive licensing, customers can add TBs quickly and easily with a license key, which allows DXi to be futureproof. Customers can add a new backup software (and protocol), acquire a new company, add replication alter, etc. without any impact on costs/budget.

5 DATA AND SYSTEM AVAILABILITY
Includes Dynamic Disk Pools, Redundant RAID, and Redundant Interconnect & path failover. With DDP, customers avoid high density drawbacks with faster rebuilds and lower performance impact during rebuilds, which means less impact on the backup window.

6 FLEXIBLE MULTI-PROTOCOL ACCESS
Combines VTL/NAS/OST/VDMS. With Veeam (Veeam Ready Integrated) and Net Backup environments, we are recognized as valued partners.

7 ENCRYPTION WITH NO PERFORMANCE IMPACT
Includes self-encrypting drives, encrypted replication, auditable logs, access control. Self-encrypting drives provide security with no impact on performance (versus software encryption).

8 ADVANCED SYSTEM ANALYTICS
Measures activity, redux, chargeback, etc. Up to 6 years of historical information, detailed chargeback, etc. DXi reporting offers reporting updated every 2 seconds. Many customers rely on our management capabilities and reporting/alerting notices provided by Advanced Reporting and Quantum Vision® management software.

9 UNIQUE INTEGRATION WITH LEADING APPS
DXi is backup-application agnostic and is easy to install in an existing backup architecture. It is integrated with most backup applications but uniquely with NBU OST, Veeam Data Mover.

10 WORLD-CLASS QUANTUM SERVICE AND SUPPORT
Global support 24/7/365 in over 130 countries.

www.quantum.com
800-677-6268

ST02281A-v02   May 2020