

Nominated Company: Quantum Corp

Nomination Title: Quantum Lattus

Whether the data is satellite images, CAD drawings, film industry dailies, office documents, DNA sequence data, or corporate reports, its long-term value lies in the power it brings to be analysed, monetised, or otherwise repurposed and reused in the future—not just when it is collected. With advances in technology and analysis tools, the sheer volume of data can be overwhelming. Existing storage technologies are being stressed beyond their current capabilities to maintain this data long-term, while enabling the efficient and immediate access required to extract the data's maximum value.

Lattus Object Storage meets these challenges by offering immediate data access with unmatched levels of scalability, durability, and cost effectiveness.

Quantum's new, smaller Lattus model starts at 126 TB of usable capacity and provides the same benefits of larger Lattus offerings. In addition, customers can seamlessly upgrade to the larger-capacity Lattus system as their data demands increase. Quantum's Lattus-X and Lattus-M solutions are both available in the lower-capacity configuration for big data customers. Lattus-X provides multi-petabyte object storage with NAS access and is ideal for distributed workgroups that need to share and archive large data files cost effectively while maintaining fast ingest and retrieval. Lattus-M integrates the automatic, policy-based tiering and archiving capabilities of StorNext Storage Manager™ with object storage technology.

For commercial data centre customers, Lattus offers a disk-based archive with high durability, self-healing and automatic multi-site protection features, thereby eliminating the need for a separate backup infrastructure and also saving on the related costs and resources involved in managing backups. In addition, Lattus enables these customers to move data off expensive primary NAS systems to a nearline disk archive tier, reducing primary storage usage while providing the required data availability and accessibility at a significantly lower cost.

Why nominee should win

- Lattus provides unparalleled scalability to support flexible data growth
- Much greater durability than traditional RAID offerings, including true self-healing and self-protection capabilities
- Low disk-type latency for predictably fast retrieval times
- Automatic multi-site protection without the need for replication
- Self-migration for seamless upgrades to accommodate new storage technologies