MatrixStore.
Quattro

ObjectMatrix

Nearline Storage for Outside Broadcast, On-set Rushes Protection and Small Post Production Facilities.

MatrixStore Quattro has been designed predominantly for outside broadcast workflows and smaller post production facilities. It provides a highly resilient nearline platform that is cost effective and comes in a very compact form factor. Starting with 24 terabytes of storage the Quattro takes up just 2u in a standard 19" rack, adding more capacity is a simple plug and play operation. Each MatrixStore Quattro node has SSD (Solid State Drive) metadata controllers. It provides the option to convert one of the four nodes to a client PC (seen below in green) or to be a server that is able to combine, in the same rack mounted 2u chassis, resilient storage and applications. Up to four Quattro chassis can be combined to scale to 128TB of nearline storage.

MatrixStore Quattro includes the same functionality as provided by the MatrixStore Enterprise product including Object and Vault technologies. These technologies allow different types or classification of data to be protected in accordance with the internal business requirements or external regulations. Multiple copies of data can be protected both locally and remotely with very little technical intervention.

Customers ranging from broadcasters to utility companies require compact, self-contained solutions that need to be transported to remote locations in order to ensure the protection of the content at its source. They also need popular content to be available on demand on a secure platform without clogging up their production/online storage.

Using the '4th' node as a client or server enables the MatrixStore Quattro solution to deliver multiple workflows in a single platform. Running Linux or Windows operating systems on the client node means that you can provide client applications and storage without the need to extra servers that take up valuable space:-

- Run DropSpot or MXFS (file system) for instant archive/restore
- Install MAM or DAM applications
- Present a MatrixStore vault as an FTP location

MatrixStore Quattro Benefits

- Cost-effective and resilient nearline storage. Frees up space on production storage platforms whilst ensuring 24/7 access to your content
- Perfect for rushes protection.
- Content mirrored and data integrity guaranteed
- Exactly the same rich functionality as MatrixStore Enterprise
- Search, find your data instantly using the DropSpot application
- Automatic synchronisation with MatrixStore Enterprise clusters
- Self-healing & self-managing ensuring data always protected
- Enables multiple digital preservation workflows in a compact form factor
- Fits into AVID, Apple & Adobe Workflows
- Integrates with DAM, MAM and PAM applications

MatrixStore Quattro Specification

Capacity	24TB to 128TB
Node Capacity	6TB, 8TB
Maximum Configuration	4 MatrixStore Quattros
Data Protection Policies	Single, Dual Copy (local & remote)
Node RAID Protection	None
Node Dimensions (mm)	88h 438w 724d
Node Power	Dual (Redundant)
Node Connectivity	GigE (16 ports)
Power Consumption	217W (idle) - 300W (max)

Arrange a demonstration: sales@object-matrix.com