

## STORAGE CONFIGURATIONS

## SURVEILLANCE SOLUTION

### THE SOLUTION

Surveillance is characterized by multiple low Bandwidth IP streams of Video and Audio stored continuously over time. This MPSTOR surveillance solution can store up to 32 streams of IP video (5 megabits/sec) for 30 days using 1TB drives and for up to 60 days using 2TB drives. Larger stream counts (up to 100 feeds) are possible. Depending on the configuration this solution provides storage at approx. \$0.22/Gigabyte.

The surveillance solution is a storage appliance based on the MPStackware data storage management software and off-the-shelf Dell PowerEdge R210 Server, combined with the AIC 4U48 high capacity Storage system. It takes advantage of the latest disk technology to combine SAS and SATA disks in a single enclosure. The MPStackware management software, with its intuitive web-based GUI, provides for easy set up and administration.

### HARDWARE CONFIGURATION

Based on the Dell PowerEdge R210 Server and AIC ultra density 4U48-Bay JBOD enclosure, with the LSI 3G I/O Controller.



#### HARDWARE CONFIGURATION

Dell PowerEdge R210 Server

LSI SAS3801e 3G I.O Controller

AIC XJ2000-4483 is an ultra density, high performance SAS/SATA JBOD subsystem for Medium-to-Large Enterprise businesses. XJ2000-4483 4U 48-bay JBOD subsystem supports up to forty-eight (48) 3.5-inch SAS/SATA drives at 12Gbps bandwidth, per host or expansion port.

### SOFTWARE

#### MPSTACKWARE V2.01

Intuitive, easy-to-use and deploy, in 5 easy steps.

Web-based GUI for easy setup and management of your storage.

#### KEY FEATURES

- SAS/FC iSCSI/CIFs Support
- SAS/SATA and SSD Disks
- Volume Virtualisation, Host and Port Volume Mapping, Raid Levels 0,1,5 and 6, Traffic Analytics and comprehensive support features.
- Logical Volume mapping /masking
- Thin Provisioning
- Snapshot
- Bandwidth and I/O throttle per Logical Volume

#### SPECIFIED PERFORMANCE

500Megs/sec RAID5 Write, 500Megs/sec RAID5 Read

### APPLICATIONS & ADVANTAGES

#### TARGET APPLICATIONS

- Video surveillance
- Video Backup
- High Capacity Storage
- iSCSI Storage

#### ADVANTAGES

- High Performance
- Combine SAS/SATA disks in a single box
- Low cost
- Turnkey solution
- High Capacity