

### SOLUTION BENEFITS

- Listed with the Microsoft ESRP (Exchange Solution Reviewed Program)
- Hardware configuration listed with Dell, making it a low-risk, plug-and-play solution for resellers and system integrators
- Supports up to 10,000 user mailboxes of up to 5GB each, as well as 60 active Exchange databases
- High-availability solution that includes a secondary site for replication. Three copies of each database are spread between the primary and secondary site(s)
- ATTO ExpressSAS RAID adapter provides low latency connectivity to ensure that Microsoft Exchange users get consistently fast access to e-mail boxes
- CacheAssure™ ensures that all transactions are retained, even in the case of power loss

### SYSTEM COMPONENTS

- ExpressSAS R680 RAID adapters with CacheAssure™
- Dell PowerEdge R630 or R730 servers
- Dell PowerVault MD3060e JBOD storage arrays
- Compatible Operating Systems: Windows® Server 2012 R2

### CHALLENGE

SMB customers want a validated Exchange solution for a large number of mailboxes that provides high performance, high availability and simple configuration.

### SOLUTION

Working together, Dell and ATTO are able to provide a resilient Microsoft Exchange mailbox solution for small- to medium-sized organizations. This tested solution offers multi-site redundancy, as well as the performance and capacity needed to support up to 10,000 mailboxes of up to 5GB each in a single Data Availability Group (DAG) configuration.

This solution was validated using the Microsoft Exchange Solution Reviewed Program (ESRP) as a pre-deployment tool to verify the performance of Dell PowerEdge R630 and R730 servers running Windows Server 2012 R2 with ExpressSAS™ 6Gb RAID adapters providing a connection to Dell PowerVault MD3060e JBOD storage arrays. Up to three copies of each database were maintained to allow for primary and secondary site failures.

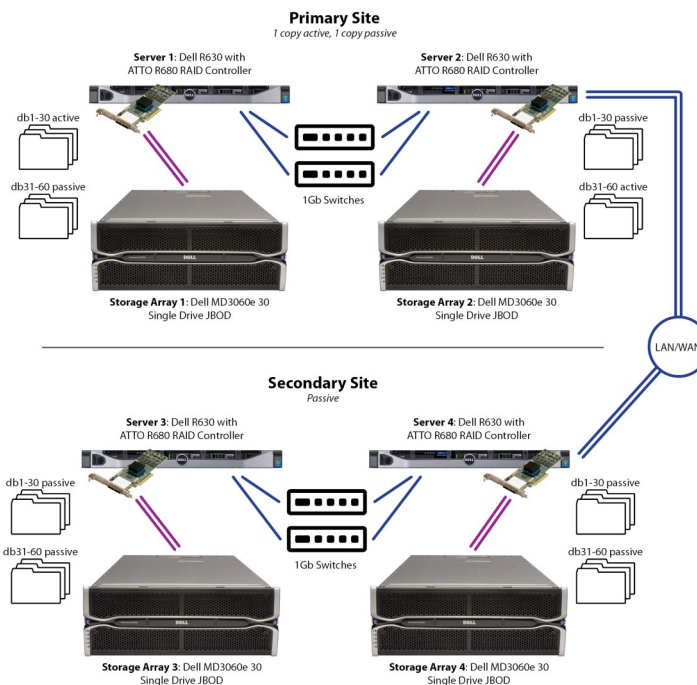


Figure 1: The joint ATTO-Dell Exchange solution offers multi-site redundancy, as well as the performance and capacity needed to support up to 10,000 mailboxes of up to 5GB each in a single Data Availability Group (DAG) configuration.