



Summary

This deployment option hosts an SQL database with optional mirroring, and uses a Windows server or small-scale NAS for shared storage with GigE connection to each Vantage Node

Workflow Suitability

This deployment option:

- Is suitable for high transaction volumes
- Is suitable for Web/New media files
- Is suitable for Long-GOP files
- Is NOT suitable for high bit-rate I-frame/edit files (DNxHD etc) due to file transfer performance using GigE
- Supports Analysis
- Integrates with 3rd party systems

Pros

- Dedicated SQL server with optional redundancy failover
- Dedicated Vantage nodes
- Dedicated storage server
- Transcoding redundancy with failover and load balancing
- SQL can scale to thousands of jobs and dozens of Vantage servers (depending on version of SQL)

Cons

- Storage bandwidth, capacity and performance limits system scalability
- No Fiber Channel or 10Gb connectivity from storage to Vantage nodes limits transfer speed and format flexibility