Top 5 Reasons to deploy SQL Server with Tegile

Tegile Intelligent Flash Storage Arrays simplify the storage and management of SQL Server Business Intelligence and OLTP information. Whether you need a hybrid or an all-flash storage array, Tegile offers a comprehensive portfolio of flash storage solutions that deliver sustained performance, resilience and economics to fit most budgets and requirements. Compromise nothing when it comes to storing, accessing and protecting your business critical information.
Accelerate your MS SQL Server DW, BI and OLTP Databases
Tegile's intelligent flash storage arrays dramatically accelerate Data Warehouse, Business Intelligence and Transactional workloads. Unlike traditional arrays that use data tiering, Tegile arrays leverage flash to cache and optimize metadata placement, accelerating storage functions in the system. Database applications experience the benefits of seamless data acceleration with an optimal mix of IOPS and latency without administrator involvement. Inline deduplication and compression in Tegile arrays maximize flash utilization, further enhancing performance.

Create Instantaneous Read-Only and Writable Copies of Active Databases
Tegile's Microsoft VSS (Volume Shadow copy Services) provider ensures point-in-time application-consistent read-only and writable snapshots for SQL Server databases. The writeable snapshots provide instantaneous new writable clones of an existing database without the need to replicate or copy them to another system. When writeable database copies are updated, only the deltas between the snapshot copies are saved resulting in dramatic space savings and increased storage utilization across the enterprise. No wasted storage, no wasted flash.

Reduce Cost of MS SQL Server Environments
Tegile flash storage arrays deliver a high number of IOPS and can sustain heavy SQL Server workloads. This eliminates the need for creating multiple copies of the same data necessary to deliver the required IOPS, saving time and storage space. Unlike traditional enterprise storage, Tegile arrays provide low latencies, minimizing CPU wait times for data, and enabling better utilization of server CPU cores.

Ensure High Uptime and Data Integrity
Availability of business-critical applications depends on database uptime. Tegile arrays are fully redundant with no single point of failure. Availability features in Tegile arrays include multiple RAID levels, application-consistent and space-efficient snapshots for data backup and recovery, and remote replication for disaster recovery. End-to-end data integrity checks eliminate the risk of silent data corruption. Tegile arrays are built for uptime and to reduce operational risk.

Leverage the Microsoft/Tegile Partnership and Reduce Operational Risk
Tegile is a Microsoft development partner and Tegile arrays are Microsoft certified. Tegile and Microsoft published a joint Fast Track reference architecture solution that gives you a step-by-step SQL Server deployment guide. The validated reference architecture developed through extensive co-engineering and testing between Microsoft and Tegile achieves high performance in a cost-effective manner, and reduces your operational risk.