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## Top 5 Reasons to Deploy SQL Server with Tegile

Tegile Intelligent Flash Storage Arrays accelerate SQL Server application performance and reduce the cost of your data platform. Tegile's comprehensive portfolio of flash storage arrays gives you reliability, useful features, and the flexibility to conquer any workload – all without additional software feature licensing costs.

With Tegile, you can...

- Run all-flash AND hybrid using the same OS
- Natively support block AND file protocols
- Reduce your data footprint with inline deduplication AND compression

**One Flash Platform. Any Workload.**



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## Accelerate your SQL Server transactional and analytics databases

Tegile IntelliFlash™ storage arrays allow you to process significantly more transactions for OLTP workloads while lowering response times for real-time analytics. Tegile's patented metadata placement technology leverages flash media to optimize metadata placement and accelerate storage functions throughout the system. Database applications experience seamless data acceleration and an optimal mix of high IOPS and low latency, all without administrator involvement.

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## Reduce your expenses and get more from your infrastructure

Updating to the latest SQL Server can be expensive, but it doesn't have to be. SQL Server's software licensing model and software assurance pricing is now based on the number of CPU cores you use, so pricing comes down to how well you leverage your infrastructure. Traditional disk-based storage uses CPU resources inefficiently, and your licensing costs will show it. Tegile flash arrays use low latency data access to radically reduce the server's IO wait time, improving infrastructure efficiency and lowering the overall cost and footprint of your SQL environment.

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## Operate ONE flash platform for ANY SQL Server environment

Tegile IntelliFlash™ storage arrays deliver a high number of IOPS and can sustain heavy SQL Server OLTP and OLAP workloads. In addition, Tegile's deduplication and compression capabilities eliminate the need to create multiple versions of the same data, typically necessary to deliver high IOPS in a traditional disk-based storage array, saving time and storage space. Tegile's IntelliFlash also supports several protocols, including SMBv3, giving you greater flexibility to deploy your environment. All of these features translate to enormous savings on CAPEX and OPEX.

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## Cover your flash with cost effective data protection

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 new, writable versions of an existing database instantaneously, 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. You can also replicate from an all-flash array to a hybrid storage array at your DR site, reducing the overall cost of your protected flash storage. No wasted storage, no wasted flash.

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## 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, all while reducing your operational risk. Tegile also provides IntelliStack™, a Cisco validated converged infrastructure reference design that's ready to run SQL Server instances, for added peace of mind.



Tegile Systems, Inc. was founded in 2010 with a mission to transform enterprise IT by fundamentally changing the cost-performance equation typically associated with flash storage. The company has engineered a new generation of intelligent flash arrays that deliver high performance and low-latency I/O at one-third the cost of traditional storage solutions. Thousands of organizations now use our all-flash and hybrid storage solutions to accelerate their business, reduce operating costs, and maximize uptime. Follow us on [Twitter @tegile](#) or give us a call: [\(855\) 583-4453](tel:(855)583-4453) or [\(855\) 5-TEGILE](tel:(855)5-TEGILE).

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