



TOP  
FIVE

# Top Five Reasons to Deploy SQL Server® with Tintri IntelliFlash™



IntelliFlash

Data is an asset to your business. Therefore, you need to rethink how your SQL Server application data is being operationalized, captured, preserved, accessed, and transformed to deliver more transactions and better insights to your business – whenever, wherever, and however you need it.

IntelliFlash storage systems empower SQL Server databases and applications to thrive by accelerating transactions and simplifying workflows. High performance at low latency, flexibility at scale, and easy-to-use data services and analytics make IntelliFlash the choice to drive your most valuable database workloads.

Accelerate your SQL Server databases and applications with intelligent infrastructure, Tintri IntelliFlash systems!

## 1 Run Your SQL Server Applications at the Speed of Memory

With our patented meta data acceleration technique, whether it's real-time processing, machine learning, data analytics or business intelligence, IntelliFlash systems dramatically reduce transaction wait times by orders of magnitude – enabling you to upgrade to intelligent infrastructure and set new business targets.

## 2 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 licensing model and software assurance pricing is based on the number of CPU cores assigned to support the workload, so your cost is determined by how efficiently you leverage your infrastructure. Traditional disk-based storage consumes CPU resources inefficiently, which would dramatically impact your licensing costs. IntelliFlash systems' low latency radically reduces SQL Server's I/O wait time, thus raising infrastructure efficiency and thereby significantly reducing the overall cost and footprint of your SQL Server environment.

## 3 Consolidate Your SQL Servers and Deliver Multiple Service Levels

SQL Server-based applications are being constantly enhanced to achieve new business objectives. Additionally, not every SQL Server application environment needs sub-millisecond response times. You require a storage solution that enables you to run SQL Server databases for development, test, quality assurance (QA), and production. IntelliFlash systems deliver the performance your applications need and eliminate the requirement to run multiple storage silos for online transaction processing (OLTP) and online analytical processing (OLAP) workloads.

## 4 Ensure Availability and Protection of Your Business-Critical Data

Our support for Microsoft VSS (Volume Shadow copy Services) ensures point-in-time, application consistent, read-only, and writable snapshots for SQL Server databases. Writeable snapshots provide a new copy of an existing database instantaneously, without the need for replications. When writeable snapshots are updated, only the changed data is saved, resulting in dramatic space savings. You can also replicate from an all-flash system to a hybrid system at your DR site, enabling you to align the expense of your storage with the value of the data being stored.

## 5 Leverage the Microsoft -Tintri Partnership and Reduce Risk

IntelliFlash systems are Microsoft certified. Our joint Fast Track reference architecture provides you with a step-by-step SQL Server deployment guide. This validated reference architecture, developed through extensive co-engineering and testing, achieves cost-effective high-performance data storage, all while reducing your operational risk. In addition, we offer IntelliStack™, a Cisco validated converged infrastructure reference design that fully supports SQL Server, for those who prefer a converged infrastructure approach.

Experience Different! For more information on how Tintri IntelliFlash systems can turbo-charge your business success through a simple, Intelligent Infrastructure, visit [tintri.com/intelliflash](http://tintri.com/intelliflash).



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