

# Top 5 Reasons

to deploy SQL Server on Tegile Hybrid Arrays

Tegile Zebi Hybrid Storage Arrays simplify the deployment, configuration and management of SQL Server Business Intelligence and OLTP solutions. Tegile Zebi Hybrid Storage Arrays contain a hybrid pool of DRAM, Flash and optimized disks. They deliver consistent right-sized performance and capacity to fit most budgets and requirements. Access any data, anywhere, at any scale with a reasonable budget.



### DW & BI



## Accelerate your SQL DW and BI Databases

Tegile Zebi Hybrid Storage Arrays significantly accelerate most Data Warehouse and Business Intelligence workloads when compared to traditional disk arrays or disk arrays with data tiering. The speed increase is a result of a hybrid pool of DRAM, Flash and optimized disks. As a result, the system delivers the right mix of IOPs and Capacity. Best of all, data is automatically accelerated without any administrator involvement.

### OLTP



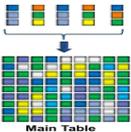
## Accelerate your SQL OLTP Databases

For OLTP databases, Zebi storage arrays manage the majority of transactions in DRAM and Flash to provide speed and consistent latencies. Zebi storage arrays provide higher utilization and more efficient sharing of flash resources when compared to in-server PCIe Flash cards and All-Flash arrays.



## Create Instant Writable Copies of Active SQL Server Databases

Tegile's Microsoft VSS (Volume Shadow copy Services) provider ensures point-in-time data-consistent snapshots for SQL Server databases. The snapshots can be used instantly to provide new writable copies of an existing database without the need to replicate or copy them to another system. When copies are updated, only the deltas between the snapshot copies are saved. This can result in dramatic space savings and increased storage utilization across the enterprise. No wasted storage, no wasted flash.



## Reduce the Number of ETL Process Steps with Hybrid Architecture

Zebi storage arrays do not suffer from fragmentation, which is common in legacy storage arrays for Data Warehouses. Data Warehouses on legacy storage arrays have complex ETL processes to order and load data. These processes can take hours, or even days, as data has to be inserted in a sequential manner to ensure performance. With Zebi storage arrays, most of these processes can be eliminated and data can be loaded directly into the array.



## Reduce Cost of SQL Server Environments

Zebi storage arrays deliver a high number of IOPs and can sustain heavy SQL Server workloads, when compared to traditional disk arrays. This eliminates the need to create multiple copies of the same data necessary to deliver the required IOPs, saving time and storage space. The low latencies provided by Zebi storage arrays minimize CPU wait times for data, enabling better utilization of server CPU cores.

