

Tegile Keeps up with XenWinGo's Fast-Growing Business in a Virtual Environment with Microsoft SQL-Server and Multitude of Microsoft Applications



Challenges

- XenWinGo needed to scale to their growing business and virtualize their with Microsoft SQL-Server and a multitude of Microsoft applications

Solutions

- Tegile Intelligent Flash Arrays

Results

- Microsoft application acceleration while reducing storage demands by 45%

XenWinGo assists clients in resolving critical issues, upgrading to newer systems and database design. Since XenWinGo clients cover a number of industries, including financial, legal and healthcare. The company offers years of expertise from enterprise software management, storage, as well as network security, virtualization and much more. In addition, XenWinGo is compliant across many industry standards including HIPPA, SSAE 16 SOC-1 Type II, PCI and SOX.

Many XenWinGo clients work in either the financial sector or as CPAs in their given industries – which has necessitated that XenWinGo become a substantial user/provider of QuickBooks as well as Sage. XenWinGo is also very "(Microsoft) Office heavy" and as such, president of XenWinGo, Mark Gigliotti, says their environment provides Windows 8 and Microsoft P21 SQL client and runs several Hewlett Packard and CitrixXen Server Hypervisor servers.

Over the years, as XenWinGo's expertise became noted in Dallas and surrounding cities, Gigliotti said, his firm grew quickly and storage became a significant issue. Their Office-heavy environment allows clients to produce a large number of PDFs, Excel charts not to mention databases created by the XenWinGo team, virtualization and other applications. They needed a solution that could scale with the firm's evolution and one that could easily integrate with a Microsoft environment.

The challenge: XenWinGo needed an all-flash array storage solution that could scale to their growing business and operate in a virtual environment with Microsoft SQL-Server and a multitude of Microsoft applications

Gigliotti found that his current storage provider was not adequate for their needs as more clients came onboard. He began working with IT professional services firm XenWinGo. "XenWinGo assisted in helping us find a different storage vendor that could offer 'ROI, output and productivity' for our ever-expanding company and storage needs."

"So I put this to the test," said Gigliotti. "XenWinGo assisted in helping us run one project with Tegile and one with Nimble and we chose Tegile." Gigliotti notes that XenWinGo and Tegile have been terrific partners.

Gigliotti wanted a provider that could specifically meet the needs of his clients and Gigliotti invested in three Tegile arrays. The hybrid arrays are specially designed for a

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Microsoft-heavy environment that includes MS SQL Server, VDI workloads and Microsoft applications. These solutions also reduce the service provider's costs with Tegile's IntelliFlash™ data reduction techniques that include deduplication, and compression.

The Solution: Tegile arrays scale and consolidate and decompress data for storage savings in a Microsoft-heavy environment

Gigliotti noted that consolidation features have been a windfall. Together, all the Tegile products helped XenWinGo save 40-45% in Terabytes of storage. For instance, Gigliotti said that the Tegile hybrids were using 9.8 TB allowing them to compress that to 6.8 TB – saving as much as 45% in valuable storage capacity.

Tegile's portfolio of intelligent Flash Arrays help reduce database transaction wait times to sub-milliseconds and increase throughput by up to 10x by accelerating redo log writes; scales databases by virtualizing and consolidating more servers, and overcomes challenges of I/O blending in a virtual environment. Tegile's IntelliFlash arrays help to alleviate end-user challenges during peak usage times with massive bandwidth allocation and IOPs availability.

Databases often contain business-critical data that have to be protected and available 24 x 7. When deployed with Tegile Intelligent Flash Arrays, databases benefit from the resilience, end-to-end data integrity, and high availability features inherent in the company's arrays. Additionally, with flash-optimized RAID protection, zero-copy clones, Tegile arrays provide the perfect platform to store and manage mission-critical information.

Tegile arrays are fully redundant with no single point of failure. The bundled features includes VM-consistent, space-efficient snapshots, and bandwidth-efficient remote replication. With Tegile, organizations have comprehensive data protection and high availability, ensuring 24 X 7 desktop and data availability for end-users.

The Result: Tegile arrays work well in a virtualized and Microsoft-heavy environment; they are easy to deploy; consolidation and decompression features mean big storage savings and produce notable ROI, performance and productivity

Tegile's reporting functionality, with an easy-to-use dashboard that provides

real-time information about his system was a plus for XenWinGo. The reporting let XenWinGo support know how much disk space is being used and the I/O load based on protocol.

In addition to expanding the VDI load of the system it can accommodate another 200 or so VMs in the near future, XenWinGo has also expanded the use of the Tegile system beyond virtualization. The company is also using Tegile for its SQL and Exchange databases.

"All Tegile products are easy to install and Gigliotti found the deployment process fluid – no surprises. Gigliotti said the Tegile systems ROI, productivity and performance were notable and the Tegile team has great support for their partners and customers."