



CASE STUDY

Tabush Group Delivers Best-In-Class VDI End-User Experience with Tintri VMstore™

Overview

Tabush Group is a leading provider of virtual workspace, private cloud and managed IT services that specializes in technology solutions for small to midsize businesses in the fields of law, accounting, real estate, construction, and professional services. Its goal is to provide clients with a seamless end-user experience that enables access for workers anywhere at any time.

Having been the trusted IT partner to hundreds of small and midsize businesses from coast to coast, Tabush Group is headquartered in New York City with geographically dispersed data centers.

With a passion for technology, Tabush Group takes pride in providing its clients with outstanding service and understands the importance of delivering the performance and accessibility end-users need to be productive.

The Challenge: Constraints and Complexities Associated with Managing Storage Parameters

Building upon over two decades of experience, Tabush Group has developed a Boxtop, a Desktop as a Service (DaaS) cloud solution that delivers all of an organization's IT needs in a simple, secure and scalable manner. Boxtop™ enables business owners to focus on growing their business rather than thinking about IT maintenance, backups and support.

Leveraging Virtual Desktop Infrastructure (VDI) to manage Boxtop, chief technology officer, Mahmut Sarigedik, places a client's user experience at the forefront of all operations. However, the iSCSI SAN that Tabush Group had in place was not designed to handle virtualization, let alone the demanding and fluctuating I/O requirements of VDI required to meet the firm's Quality of Service standards.

"Our main focus here is to simplify everything for our clients. When they log in to their remote stations, they need to have the best experience and be able to enjoy the convenience of the service," said Sarigedik. "However, when it comes to VDI delivery, storage management on the backend is not an easy feat. There are several complexities associated with managing storage parameters such as LUNs, volumes, and RAID configurations, particularly when onboarding new clients. Years ago, I thought, 'there needs to be an easier way to simplify and manage operations.'"

Tabush Group's clients are very data-focused with a large number of users accessing shared databases and applications simultaneously. Sarigedik and his team spent a considerable amount of time manually configuring, tuning and optimizing storage to scale and support new users and address peak VDI loads. As a result, Sarigedik knew that it was time to start looking for a system that was not only designed to keep pace with VDI demands but also easy to deploy and manage.

The Solution: Tintri VMstore™ Provides End-to-End Visibility and Autonomous Operations

When Tabush Group conducted a proof-of-concept test with the Tintri VMstore 6050, the system demonstrated a level of performance that exceeded competitive storage vendor options previously used. Thoroughly impressed, Sarigedik made the decision to migrate all Boxtop data onto two Tintri VMstore 7080 systems.

"What made Tintri take the lead ahead of other vendors is its NFS storage features and the simplified backend experience that it brings to my team," said Sarigedik. "Tintri eliminated all of the complexities that came with VDI delivery and provided an almost hands-off experience when adding new users. The automatic AI-driven recommendations that advise admins where to place virtual desktops for optimal performance ultimately helps us make the best use of storage resources and avoid overprovisioning."

VMstore



Challenges

Tabush Group provides a Desktop as a Service (DaaS) cloud solution to small and midsize professional service firms. Having a complex mixed environment comprised of thousands of VDIs, Tabush Group needed a solution optimized to handle the demanding and fluctuating I/O requirements of VDI.

Solution

Tabush Group implemented two Tintri VMstore™ 7080 systems to offload time-consuming administrative storage tasks. The VMstore solutions provided end-to-end visibility and autonomous operations allowing admins to focus on providing an outstanding client end-user experience.

Results

- Simplified management frees up team to proactively focus on customer base
- Delivers a seamless VDI user experience with fast, predictable performance
- Provides end-to-end data integrity, security, and high availability
- Easy to configure, monitor, manage, protect, and scale



Specifically designed for virtualized environments, Tintri VMstore autonomously optimizes performance and balance workloads. Providing end-to-end visibility, Tintri VMstore helps find the root cause of latency in seconds – for any desktop – across compute, network, and storage resources. This comprehensive yet granular level of insight and data collection enables IT to monitor and administer thousands or even hundreds of thousands of virtual desktops from one management console view.

“When logging into Tintri’s Global Center (TGC) we can see all of the VMs and individual workloads in one pane of glass. This is so important because when we’re doing maintenance, we can see all of the numbers and everything clearly – how the load is, who’s taking up the most IOPS, everything that is going on behind the scenes,” said Sarigedik. “Tintri paints a nice full picture, and this was one of the main reasons why we picked Tintri.”

The Result: Simplified Management and Frictionless End-User Experience

Previously with the iSCSI infrastructure, Tabush Group needed to ensure that the first VDI deployment was set up correctly as changing configurations after implementation was extremely cumbersome. With Tintri VMstore, Tabush Group is now able to deploy systems and start running virtual desktops in minutes as well as maintain consistent, predictable performance with a dedicated I/O lane for each virtual desktop that removes resource contention and latency.

“On a typical VDI environment, you don’t want storage latency to go over 10 milliseconds and in the past, I’ve dealt with systems that took as long as 100 milliseconds,” said Sarigedik. “Since we put Tintri in place, storage latency from the data center to the end-user delivery averaged less than 10 milliseconds allowing us to provide the best and frictionless end-user experience to our clients. This is what you should want and get from a storage array, and that’s what I got with Tintri’s VMstore 7080.”

Tabush Group no longer needs to conduct daily, weekly or monthly system checks to ensure that everything was running correctly. The Tintri VMstore systems eliminates the time needed to manage storage, allowing Tabush Group to focus on managing strategic services and to be more proactive with their customer base, ultimately driving both the clients’ as well as their own business success.

“Tintri helped us shift from being storage administrators to being application managers because instead of having to take the time to worry about the problems on the backend, Tintri is working behind the scenes handling all of these tasks for us,” said Sarigedik. “Right now, we don’t spend any time maintaining storage – that’s gone and out of the equation because I know that Tintri is working fine and has us covered.”

Experience Carefree Virtual Data Management. Experience Tintri. For more information on how Tintri VMstore can turbo-charge your business success, visit tintri.com/vmstore.

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Mahmut Sarigedik, CTO, Tabush



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