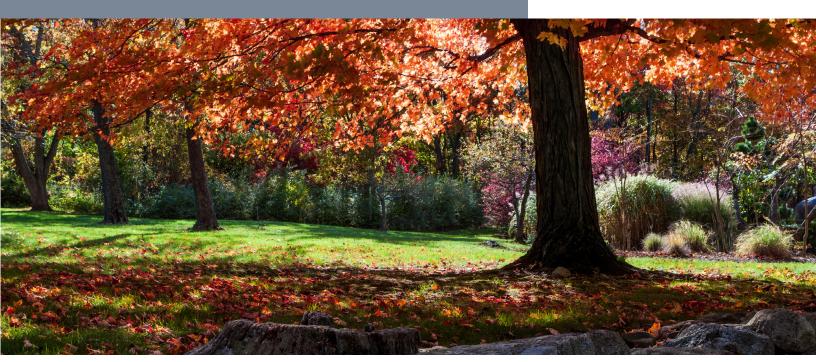# Brick Township Municipal Utilities Authority Accelerates Recovery and Simplifies Data Management with Tintri VMstore™

Established in 1969 in Brick, New Jersey, the Brick Township Municipal Utilities Authority (BTMUA) manages public water, sanitary sewer services and the vast Brick Reservoir, providing water to over 87,000 residents across multiple towns. Offering essential infrastructure, BTMUA oversees permitting & inspections, connections for new residential or commercial services, and coordinates with developers and contractors.

Serving as the supervisor of Information Technology, Tyler Svenson oversees the BTMUA IT infrastructure, including hardware, software and the Supervisory Control and Data Acquisition (SCADA) system to provide water to the masses.

The Challenge

Outgrowing Legacy Infrastructure

Tasked with managing the majority of BTMUA's data operations including massive datasets from multiple regions, Svenson quickly learned their infrastructure wasn't built for the scale or speed they needed. Relying on an aging Dell storage array, recovering outages was painfully slow.

"In our previous Dell setup, recovering a downed server to get everything back online could take anywhere from 2 to 12 hours," shares Svenson. "In a municipal environment, that kind of delay is incredibly challenging, and data could be lost or delayed, affecting our overall performance."

Without reliable data servers, BTMUA could be at risk of losing control, visibility and public trust. Transitioning to a modern, high-performance infrastructure wasn't just a technology upgrade but a necessity of maintaining service excellence.

"It was nerve-wracking to start this process at the beginning of our research but finding a solution that delivers high speed and low latency was on the horizon," says Svenson.

The Solution

A Smarter, Simpler Way to Manage Data with Tintri VMstore

To address BTMUA's growing infrastructure demands, Lou Melograna, Chief Technology Officer at StarNet Solutions, a premier IT integrator in the New Jersey region, and a longtime Tintri partner, recommended Tintri VMstore, an intelligent high-performance solution designed to simplify data management.

"Lou was the one who first approached me about utilizing Tintri and told me how intuitive it was," recalls Svenson. "He walked me through the initial setup over the phone, and when I saw how easy it was, I was completely on board."

Supporting over 35 virtual machines running critical BTMUA operations, the transition to Tintri quickly proved its value.

"That initial trial period showed us how simple and reliable it was to recover data – plus it came at an affordable cost. It was a no-brainer. My supervisor at the time didn't need any convincing. Once she saw how good it was, she was all in," says Svenson.

One of the standout benefits for BTMUA has been VMstore's snapshot flexibility – an essential for their real-time operational needs.

> "Recommending Tintri VMstore has become second nature to me. The positive feedback I consistently receive from customers is never surprising, it reflects the truly empowering experience this platform delivers. With unmatched visibility, scalability and ease of use, it's my go-to recommendation for good reason."

Lou Melograna,
Chief Technology Officer at StarNet Solutions

Challenges

The Brick Township Municipal Utilities Authority (BTMUA) is the public agency responsible for supplying and managing water and wastewater services in Brick Township, NJ. In desperate need of a platform that could support hundreds of thousands of customers relying on the agency to treat, store, distribute and safeguard its water supply, a new solution was critical.

Solution

Through the strategic partnership with Tintri and StarNet Solutions, BTMUA transformed its IT infrastructure—dramatically minimizing downtime and accelerating system performance. The intuitive Tintri VMstore platform empowered the authority to streamline operations, ensure uninterrupted service delivery, and confidently scale to meet the demands of over 87,000 residents.

Results

- Fortified security and disaster recovery capabilities

- Rapid VM-level recovery, enhanced data resilience

- Combining scalability, availability, and robust security with affordability and user-friendly design

"We schedule snapshots every hour and even every five minutes on the hour for certain systems. It's also something I can easily walk my team through. If I'm on vacation, they can step in without issue. Compared to our old Dell setup, Tintri VMstore is simple, straightforward and incredibly user-friendly. Honestly, if you can read, you can run it," Svenson shares.

As the industry's first-ever AI-optimized NVMe storage platform, Tintri's VMstore brings simplicity, intelligent workload management and powerful analytics to data environments of all sizes. It removes the complexity of traditional storage systems – empowering IT teams to focus on innovation rather than administration.

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The Results

Instant Impact and Long-Term Confidence

Once BTMUA implemented Tintri VMstore, the difference was immediate, and the constant troubleshooting and delays became a thing of the past. What had once been a frustrating, time-consuming process turned into a "set it and forget it" experience – delivering reliable performance for critical workloads.

The ability to back up entire databases and SQL servers, including specific tables within an SQL database, turned out to be one of the biggest advantages to continue providing water and sanitation services to thousands of customers.

"We've saved countless hours recovering deleted files or restoring servers, no more relying on outdated storage arrays that took forever to function," says Svenson. "In a small, high-pressure environment like ours, that kind of speed and reliability is crucial. Instead of waiting hours just to bring up a single machine, I can restore an entire data center in minutes."

Svenson also credits the smooth transition to the expert guidance of Lou Melograna from StarNet Solutions.

"With Tintri, it's as simple as one click – or maybe three if we're being technical – and your server is back online," shares Svenson. "We were lucky to have Lou's expertise, his confidence in the product gave our team the trust we needed to move forward quickly."

"It is a pleasure to hear about the success customers have when switching to Tintri. Tyler's immediate excitement when transitioning platforms makes the work all worth doing," echoes Melograna.

More than just performance, Tintri brought security, reliability and peace of mind to BTMUA's IT operations.

"Like many of us in this field, the Brick Township Municipal Utilities Authority required safety and security for its infrastructure. Tintri provided that and more, with real-time support, personal

connection and the ability to bounce back fast after a potential cyberattack. For any government agency looking to protect their data and recover quickly, Tintri should be at the top of their list." Svenson closes.

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