

Driving innovation: TGW Logistics delivers uninterrupted service with data resilience from Veeam + Pure Storage



Organization

TGW Logistics is a global leader in automated logistics and headquartered in Austria. With 4,500 employees in Europe, Asia, and North America, the company offers innovative, flexible, and intelligent warehouse automation solutions.

Solution

[Veeam Data Platform — Advanced](#)

Industry

Manufacturing

Region

Europe

“Regularly and proactively testing our backups gives us new confidence and helps us uncover security risks faster than before. Continuously checking for malicious activity improves overall reliability, availability and IT security.”

Thomas Baldauf

IT Enterprise Architect, TGW Logistics

Challenge

To bring its innovative warehouse solutions to customers quickly and reliably, TGW Logistics aimed to improve business continuity for the digital systems that underpin its day-to-day operations. The company looked to accelerate its data protection and recovery processes and strengthen cybersecurity for mission-critical applications.

Results

- Delivers 8x faster data protection and recovery for 760 virtual machines (VMs) and over 1 PB of data
- Increases business continuity with automated testing to strengthen protection and cybersecurity best practices
- Reduces energy consumption for data protection processes by 80%

Business Challenges

TGW Logistics is at the forefront of warehouse automation, delivering intelligent robotics and fully integrated systems to customers worldwide. From grocery to apparel, TGW Logistics empowers diverse industries with cutting-edge solutions that orchestrate every step of the material handling process. Advanced technology is the key to TGW Logistics's competitive edge by enabling seamless project execution and ongoing innovation.

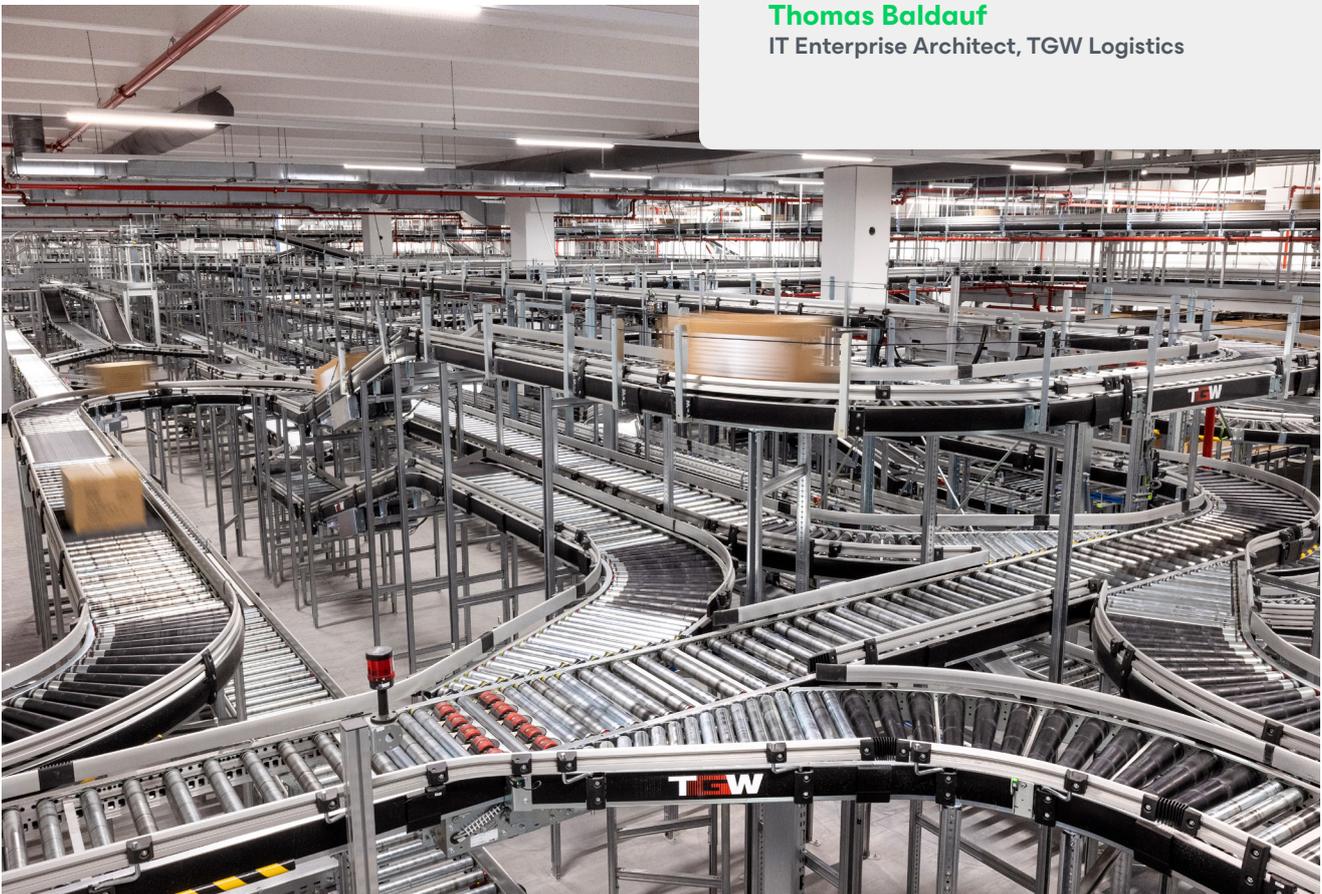
"To deliver exceptional service, employees across 24 offices and production sites around the world rely on tightly integrated processes and the high-tech tools that support them," said Thomas Baldauf, IT Enterprise Architect at TGW Logistics. "System downtime would bring operations to a standstill; imagine 300 workers arriving at a facility, only to be sent home. The impact, financially and operationally, would be immediate and severe."

With business growth accelerating and the cyberthreat landscape evolving rapidly, TGW Logistics recognized the need to bolster its data protection strategy. Safeguarding critical systems and ensuring rapid recovery from any disruption became a top priority.

"Effective data protection is a key part of any successful cybersecurity strategy," said Baldauf.

"We saw a clear opportunity to elevate our resilience by adopting the most advanced data protection technologies available."

Thomas Baldauf
IT Enterprise Architect, TGW Logistics



“Veeam’s advanced compression and deduplication save us more than 70% in physical storage — a significant boost to both sustainability and operational agility.”

Thomas Baldauf
IT Enterprise Architect, TGW Logistics



The Veeam Solution

To transform its vision for always-on operations into reality, TGW Logistics partnered with its trusted in-house provider [mann&mouse IT Services GmbH](#), Veeam Premium Partner, [ANIO Solutions GmbH](#), and storage innovator [Pure Storage](#). Together, they designed and implemented a next-generation data resilience architecture centered around Veeam.

Building on years of proven success with Veeam Data Platform Advanced, TGW Logistics took data protection to the next level. By deploying Veeam in a newly established, standalone datacenter that’s completely separate from its production environments, the company created an additional layer of cyber resilience. The integration of Veeam with Pure Storage FlashArray//E’s lightning-fast, all-flash technology further accelerated backup and recovery, delivering greater performance and peace of mind.

With Veeam, TGW Logistics powers comprehensive protection for a diverse ecosystem: 760 VMs running on 40 physical servers across two Austrian datacenters, alongside mission-critical SAP HANA databases and an enterprise-scale document management system accessed by 4,500 users on three continents. Centralized IT services, including secure patch and software distribution, ensure consistent security and operational excellence worldwide.

TGW Logistics now runs seven ANIO appliances powered by Veeam at large hub locations around the world. Backups from all global sites are replicated to the new data center in Austria. Currently, Veeam protects a total of around 1 PB of data at TGW Logistics.



“By modernizing with Veeam + Pure Storage, we’ve achieved highly efficient data protection,” said Baldauf. “Our data protection processes are now eight times faster, while energy usage has dropped by 80%.”

To gain real-time insight into performance and generate detailed reports, TGW Logistics and its managed service provider mann&mouse IT Services use Veeam ONE to monitor, analyze, and optimize performance in real time across its global environment.

“Veeam ONE gives us a unified view and actionable insights,” said Baldauf. “We can proactively fine-tune our resource allocation and continuously improve our data protection posture.”

To guard against ransomware and evolving cyberthreats, TGW Logistics implemented immutable backups using Veeam, backed by

proactive verification via Veeam SureBackup. With Veeam Threat Hunter and Anomaly Detection, the company rapidly identifies and neutralizes potential risks.

“Routine, automated verification and malware scanning give us new confidence,” said Baldauf. “We can detect issues before they become problems, enabling uninterrupted service, greater reliability, and stronger IT security for our entire workforce.”

TGW Logistics is already looking ahead. “With Veeam, we can future-proof our hybrid cloud strategy and protect every critical workload, no matter where it runs,” Baldauf concluded. “We’re excited to keep innovating with Veeam as we expand our leadership in automated logistics.”

The Results

Delivers 8x faster data protection and recovery for 760 VMs and over 1 PB of data

“The solution based on Pure Storage and Veeam accelerated data protection and recovery processes by 8x or more,” said Thomas Baldauf. “By enhancing our resilience, our employees can develop tailored warehouse solutions for our customers without interruption.”

Increases business continuity with automated testing to strengthen protection and cybersecurity best practices

“By verifying and testing every backup, we can identify potential issues much faster,” said Thomas Baldauf. “For example, we can quickly spot if updates haven’t been installed on a system for a while, giving us the opportunity to actively improve our approach to managing cybersecurity.”

Reduces energy consumption for data resilience by 80%

Working closely with mann&mouse IT Services, Veeam Premium Partner ANIO Solutions, Pure Storage, and Veeam, TGW Logistics deployed an ideally sized all-flash solution with a high data compression ratio, improving IT sustainability and cost-efficiency.

About Veeam Software

Veeam®, the #1 global market leader in data resilience, believes every business should be able to bounce forward after a disruption with the confidence and control of all their data whenever and wherever they need it. Veeam calls this radical resilience, and we’re obsessed with creating innovative ways to help our customers achieve it. Veeam solutions are purpose-built for powering data resilience by providing data backup, data recovery, data portability, data security, and data intelligence. With Veeam, IT and security leaders rest easy knowing that their apps and data are protected and always available across their cloud, virtual, physical, SaaS, and Kubernetes environments. Headquartered in Seattle with offices in more than 30 countries, Veeam protects over 550,000 customers worldwide, including 67% of the Global 2000, that trust Veeam to keep their businesses running. Radical resilience starts with Veeam. Learn more at www.veeam.com or follow Veeam on LinkedIn [@veeam-software](https://www.linkedin.com/company/veeam) and X [@veeam](https://twitter.com/veeam).

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