

Schomburg achieves Absolute Immutability, cuts admin overhead by 80%

Introduction and Executive Summary

Schomburg GmbH & Co. KG is a leading German manufacturer of construction chemical products, supplying high-performance sealants, adhesives, and surface protection solutions for construction and infrastructure projects. Headquartered in Detmold, Germany, the company serves professional contractors and architects across Europe and beyond.

As ransomware threats intensified and internal IT standards evolved, Schomburg found that its legacy backup storage architecture was struggling to meet the demands of a modern, security-conscious IT environment. The combination of high administrative overhead, performance bottlenecks, and a complete absence of immutability protection made a change not only desirable, but necessary.

The promise of backup storage with Absolute Immutability, plug-and-play simplicity, and seamless Veeam integration ultimately led Schomburg to work with Object First.

The Challenge

Before Object First, Schomburg relied on an HPE disk enclosure as its central backup storage solution. While the enclosure itself performed reliably, the broader architecture introduced a layer of significant operational complexity. An additional Windows Server was required to handle all communication with the enclosure and to manage data processing, creating what amounted to a fragile intermediate layer between backup software and storage.

This architecture resulted in several key issues:

- **High administrative and maintenance effort**, due to the need to manage the Windows Server layer, including operating system updates, drivers, firmware, and backup software
- **Incompatibility risks following updates**, with the risk of introducing instability across the entire backup chain
- **Performance issues**, as the server acted as an I/O bottleneck—particularly pronounced during large-volume restores or parallel backup operations



Object First is ideal for organizations like us that have small IT teams and high requirements for data security, ransomware protection, and easy scalability.”

Dawid Macierzynski

Deputy IT Manager and Administrator—
Schomburg

Company:

Schomburg GmbH & Co. KG

Industry:

Manufacturing (Construction
Chemicals)

Country:

Germany

Partner:

PCO

Solution:

Object First Appliance

Results:

Administrative overhead reduced, significantly faster backup and restore performance, Absolute Immutability against ransomware, seamless Veeam integration.

- **No native ransomware protection**, as existing architecture lacked any form of immutability, leaving backup data exposed to potential alteration or deletion

While Schomburg never experienced a concrete security incident, the rapidly evolving ransomware threat landscape made the absence of immutability a growing concern.

The Solution

Dawid Macierzynski, Deputy IT Manager and Administrator at Schomburg, was clear about what Schomburg needed to do next:

“Since traditional measures such as network segmentation or permissions do not provide complete protection, true, technically enforced immutability was a key requirement for us.”

The business turned to its trusted IT partner, PCO, to find the right path forward. Together, they evaluated a range of backup storage solutions against Schomburg’s criteria. Object First stood out for the following reasons:

- **Low technical complexity** and a plug-and-play appliance model that requires minimal storage expertise to deploy and manage
- **Absolute Immutability** with Zero Access to destructive actions—ensuring backup data remains fully protected from ransomware
- **Purpose-built for Veeam**, guaranteeing seamless integration with the existing backup software environment
- **Simple, predictable scalability** without the need for additional server layers or complex infrastructure additions

PCO oversaw the entire implementation process, which was rapid and disruption-free. Macierzynski noted, **“After a short alignment with PCO regarding the infrastructure, the appliance was quickly ready for use. The integration went smoothly, and the solution was operational in a very short time.”**

The Results

By implementing Object First, Schomburg was able to address all its key backup storage challenges:

- **Backup and restore performance increased by up to 50%**, particularly for large data volumes and parallel operations previously constrained by the server-as-bottleneck architecture.
- **Administrative overhead decreased by 80%**, with minimal maintenance effort or intervention required
- **Absolute Immutability**: backup data is now fully protected from tampering or deletion, providing a strong technical safeguard against ransomware and other threats.
- **Seamless Veeam integration**, ensuring Schomburg continues to get maximum value from its existing backup software investment.

Macierzynski summarises the difference Object First has made for Schomburg: **“Our backup and restore processes have become significantly faster, administrative overhead has noticeably decreased, and maintenance effort is minimal.”**

Christian van Eickelen, Modern Infrastructure Service Manager at PCO, noted: **“From a partner perspective, Object First is an obvious choice. Its simplicity in deployment, combined with a significant boost in security, takes our Veeam implementations to the next level.”**

Conclusion

For Schomburg, the combination of the right technology and the right partner was key to transforming a complex, maintenance-heavy backup environment into one that is secure, simple, and powerful.

Schomburg now meets its own requirements for a resilient, ransomware-proof backup architecture, without excessive management overhead. With possible future deployments at additional sites, the relationship between Schomburg and Object First is set to grow.