



## CASE STUDY

# Reliability and Innovation - Xopero Provides Cyber Resilience for the Manufacturing Company HYDRO-VACUUM S.A.



- **Reputable** pump manufacturer with nearly **165 years of history**
- **More than 400 employees** at headquarters plus mobile sales representatives
- **Extensive infrastructure** - databases, endpoints, servers, virtual machines

### Challenge

Protecting against data loss, Disaster Recovery and ensuring business continuity in case of disaster and cyber attacks.

### Solution



### Project Partner



HYDRO-VACUUM, a leading manufacturer of pumps in Poland and Central-Eastern Europe. The company has been operating in the market since 1862, has more than 400 employees in one location, exports to more than 40 countries around the world. With business growth, overseas expansion and increased employment, HYDRO-VACUUM was faced with the need to secure a complex IT infrastructure (including a wide range of terminal equipment, servers, VMware virtual machines and MSSQL and MySQL databases) and up to 120 TB of data, considering its dynamic growth in the near future.

The previous solution was replaced by Xopero Unified Protection (XUP), which met the highest corporate Disaster Recovery plan requirements, realized the expected RTO and RPO times, while ensuring the best standards in data security and compliance with the very strict regulatory and auditing requirements of the manufacturing industry.

Manufacturing has been the sector cited as the most vulnerable to cyber attacks for the last three years in a row. The World Economic Forum estimates that:



### The Challenge

HYDRO-VACUUM, setting technological and innovative trends in its industry and competitive environment, developed a digital transformation strategy with the key objective of ensuring business continuity. The company required comprehensive data protection against all threats, including hardware failures, system downtime, ransomware attacks, and human errors, as well as the ability to efficiently and quickly restore necessary systems. The previous solution used for backup no longer met the company's high standards.

The extensive IT infrastructure of HYDRO-VACUUM includes a wide range of endpoints, servers, VMware virtual machines, along with MSSQL and MySQL databases. The company processes up to 120 TB of data daily, and expects potential rapid growth in the near future. Therefore, it required a single, comprehensive solution capable of securing each of these elements, whilst guaranteeing consistency and reliability of protection at every level. Most importantly, the solution needed to meet the requirements of the Disaster Recovery plan and achieve the specified RTO and RPO targets.

## How Xopero Software Meets Customer Needs

Xopero Unified Protection (XUP) is a highly scalable security appliance that combines advanced backup software with a disk array, archiver and deduplication appliance to offer comprehensive enterprise data protection. HYDRO-VACUUM chose XUP's hardware-based solution as the answer to its data protection, Disaster Recovery and Business Continuity (BCDR) challenges. The appliance outclassed competing solutions with its fast deduplication at the source, security functionality and Ransomware Protection, as well as Disaster Recovery technologies including Instant Restore and significantly faster restoration times for critical systems. The solution's scalability, the ability to centrally manage the data protection of the entire infrastructure through a single platform and the vendor's professional technical support were also among the deciding factors in the selection.



Xopero Unified Protection is a reliable solution that has significantly improved our approach to backup and data protection. Thanks to it, we can rest easy knowing that our data is safe. I highly recommend this solution to any company concerned about information security.

**Jacek Szczublewski, Head of the IT Department**  
HYDRO-VACUUM S.A.

### Automation and Freedom of Configuration

Thanks to a single platform, the company has now its own hardware array where data is collected automatically, eliminating the risks associated with manual backups. HYDRO-VACUUM S.A. specialists particularly appreciate the possibility to use predefined plans and freely configure policies, which streamlines the configuration process and allows the team to focus its attention on other tasks. Another of the appreciated advantages is the ability to run predefined scripts for archiving SQL databases. In addition, the professional nature of the dedicated solution, global deduplication, compression, retention or copy rotation scheme settings give the ability to efficiently back up 120TB of data and effectively manage data storage space.

### Cyber Resilience 360°

More and more often, backups are also being attacked, so the company wanted the best protection against such attacks. Xopero ensures the cyber-resistance of backups thanks to immutable storage features and the absence of executable files in the copy. Even if malware gets into the infrastructure, it won't be able to alter or delete data or run executable files. Despite great confidence in its employees, the company wanted to protect itself from accidental or intentional data deletion, since statistically the human factor is responsible for 70% of downtime. Xopero also faced this challenge with WORM (Write-Once-Read-Many) technology. To guarantee additional data security there is an option to set additional protection in the form of top-notch AES 256 encryption with private key and Zero-Knowledge Encryption.

### Conclusion

Every manufacturing company faces many challenges. Downtime happens frequently and can cost up to millions per minute. To protect against possible data loss and costly consequences, a simple backup is not enough - the solution must be guaranteed to be reliable. In this case study, we described how the Xopero Unified Protection solution met the needs and requirements of a leading pump manufacturer. We are pleased that our solution supports HYDRO-VACUUM S.A. in ensuring business continuity, and the company is fully satisfied.

You can read the full Case Study [here](#).

We'll help you select a solution for uncompromised data protection that perfectly fits the needs of your company. Make an appointment for a [demo](#) or [test our solution](#) for free.

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