

# Hager Group enhances the protection of legacy PCs against cyber-attacks without causing operational disruption.

## The Situation

Hager Group is a leading provider of solutions and services for electrical installations in residential, commercial, and industrial buildings. Its product range includes energy distribution, cable management, wiring accessories, building automation, and security systems. The flagship brand, Hager, is complemented by other brands such as Berker, Bocchiotti, Elcom, and E3/DC. This diverse portfolio encompasses all the necessary skills and expertise required to drive innovation and create systems and services that support automation.

As a global business, Hager Group employs 12,900 people and generates a turnover of around 2.8 billion euros. Its components and solutions are manufactured in 20 production sites worldwide, serving customers in over 100 countries.

### Protecting Legacy Industrial Desktops against Cyber Attacks

Recent developments in the IT market, coupled with Hager Group's accelerated transformation strategy, have underscored the potential obsolescence of the PC infrastructure used to manage industrial machines. These machines are still running on outdated operating systems. In order to bolster industrial cyber resilience, Hager Group needed to swiftly upgrade cybersecurity measures on these PCs. This was essential to maintain a robust security posture and ensure compliance with regulations.

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*"We assess our cybersecurity posture by evaluating the vulnerabilities of our least secure assets. With the assistance of Trend Micro and TXOne, we have successfully enhanced the security of these components."*



**Eric TROIAN**  
Digital Industrial  
Operations Manager

*“ Our overall IT/OT security posture has been strengthened with TXOne Networks ”* Eric TROIAN, Digital Industrial Operations Manager

The primary challenges faced in implementing new OT security solutions included the necessity to optimize performance for these aging and enclosed machines without causing operational disruptions. Additionally, these solutions needed to seamlessly integrate with the broader IT/OT environment, especially the company's firewalls. Implementing a policy of least privilege (Zero Trust) and ensuring the segmentation of administrative rights with all stakeholders in this specific context were also crucial aspects of the initiative.

## The Solution

The project received support from the group's General Manager, acknowledging the escalating threat of cybercrime that imperils the integrity of an increasing number of industrial assets. Hager Group's strategy for EDR (Endpoint Detection and Response) solutions for endpoint protection led to the selection of Stellar from TXOne Networks. Stellar serves as a comprehensive OT/CPS security solution, offering continuous detection and response tailored to the specific requirements of the OT domain.

A Proof of Concept (POC) was initially developed on a small portion of PCs, enabling the testing of the solution and identification of the required functionalities. The Stellar Protect agent, an EDR-like security solution specifically designed for OT endpoints and optimized for limited network bandwidth, provided asset protection without disrupting operations. Additional benefits were derived from unique OT-specific capabilities such as OT Application Lockdown and OT Operational Behavior and Detection. A centralized management console provided broader correlation, control, and analysis capabilities.

The interoperability and ease of implementation ensured the smooth operation of Hager Group's systems.

## The Result: An agile partnership

TXOne Networks adeptly addressed customer demands by demonstrating agility in developing new functionalities tailored to the requirements outlined by the group. These included role-based management, enhanced visuals to facilitate troubleshooting, a simplified interface for maintenance switching mode, and more. Hager Group was impressed by the consistency of TXOne's proposal, which encompassed proven solutions, implementation strategies, and dedicated project teams. In addition to technical profession, TXOne provided support at every stage of the project, addressing needs promptly and reinforcing the internal team's security skills. For solution installation and training, Hager Group received assistance from Orange Cyber Defense. The management console provided comprehensive and intuitive management of the OT assets, enabling better risk management and mitigation.

By safeguarding legacy industrial endpoints, Hager Group bolstered its overall security posture. Today, the company enjoys holistic visibility into IT/OT perimeters with TXOne's SageOne console and enhanced OT security, thereby averting unauthorized operational changes without disrupting operations. Furthermore, Hager Group ensures the long-term viability of its investments by efficiently countering increasingly complex and sophisticated attacks.

In 2024, a new cyber action plan will expand on this strategy through initiatives such as recruiting new experts, conducting security audits, penetration tests, and more. To mitigate internal risks, the group is also exploring TXOne's Portable Inspector, a secure file transferer and asset security inspection tool that provides malware scanning and removal for standalone computers and air-gapped systems.

### About TXOne Networks

TXOne Networks offers cybersecurity solutions that ensure the reliability and safety of industrial control systems and operational technology environments. TXOne Networks works together with both leading manufacturers and critical infrastructure operators to develop practical, operations-friendly approaches to cyber defense. TXOne Networks offers both network-based and endpoint-based products to secure the OT network and mission-critical devices using a real-time, defense-in-depth approach. Learn more at [www.txone.com](http://www.txone.com).