



isolutions

Helion Energy AG

«As a digital craftsman, our IT has a central importance. With the security solutions of isolutions, we can ensure data integrity, confidentiality and availability, minimize risks and continuously improve security. isolutions is our reliable partner at eye level for a successful and secure future.»

Lukas Karrer, Chief Digital Officer

Founded in 2008, Helion Energy AG serves its customers with a pronounced pioneering spirit and sense of innovation and is one of the industry leaders in photovoltaics. Today, Helion Energy AG has six main branches in all three language regions. With over 500 employees, Helion is the largest installer of solar systems, heat pumps and e-mobility in Switzerland. From consulting and planning to installation and maintenance, the company offers energy efficiency with alternative energies - all from a single source. Helion has been part of the AMAG Group and the AMAG Energy & Mobility division since November 2022.

Helion is implementing a comprehensive security strategy for its new cloud workplace using various Microsoft security solutions. These security measures ensure the protection of end users, server infrastructure, email communication and the entire M365 environment. Integration with Microsoft Sentinel also enables real-time monitoring and enhanced response capabilities.

Initial situation

Helion has carefully analyzed and recognized that it is crucial for the smooth implementation of the new cloud workplace using the Workplace as a Service (WaaS) solution to establish appropriate and robust security mechanisms. This step is of the highest priority to ensure the integrity and confidentiality of the data and to minimize potential risks.

In this context, it has become clear that in future it will not only be necessary to secure the client, but also to include the underlying server infrastructure, user profiles, accounts, e-mail communication and the entire M365 working environment in the protection mechanism. This holistic approach aims

to secure and continuously monitor every element of the working environment to ensure a comprehensive security strategy.

Solution

As the workplace is based on the M365 environment, the security offering was built on Microsoft's security mechanisms accordingly. Microsoft Defender for Endpoint and Defender for Server, as EDR (Endpoint Detection & Response) solutions, serve to protect clients and servers.

Both Defender solutions are connected to Microsoft Sentinel as SIEM (Security Information & Event Management), where the correlation of alerts takes place. In a second step, the other Defender components were also activated to secure email communication, Microsoft Teams, users and the entire M365 environment. This is known as XDR (Extended Detection & Response).

The Security Operations team at isolutions analyzes all alerts and incidents and works on the automation of Sentinel using playbooks and SOAR (Security Orchestration, Automation & Response).

Benefits

- **All-round security:** Microsoft Defender for Endpoint, other Defender components and Microsoft Sentinel implement a comprehensive security strategy.
- **Monitoring:** The connection with Sentinel enables our security analysts to monitor and correlate security alerts in real time. This makes it easier to identify potential threats and respond quickly to security incidents.
- **Detection and response:** The implementation of XDR (Extended Detection & Response) extends the capabilities for detecting and responding to security incidents relating to M365 and Azure. This allows threats to be identified at an early stage in order to react quickly and appropriately.
- **Efficiency:** The automation of Sentinel through playbooks and SOAR enables the optimization of security operations. This can speed up the analysis of warnings and security incidents and reduce the susceptibility to human error.

In summary, the proposed security solution helps to ensure the integrity, confidentiality and availability of data in the cloud. It minimizes potential risks and enables continuous improvement of security standards.

2'700

automated detections
per month

39'000

Threat Intelligence Indicators
processed daily

200

detected incidents
per month

Partner profile

#weshapethefuture

Founded in the civil defense cellar by three visionaries from the Bernese Oberland, isolutions has been accompanying companies into the digital future since 1999 as the largest dedicated Microsoft one-stop-shop in Switzerland. We integrate Microsoft services in a way, that adds value and has a positive change in the corporate culture.

Supported by over 200 passionate minds consisting of business and technical consultants, change makers as well as software developers, architects and cloud natives, we are driven to peak performance by our customers and their challenges. Together with customers from different industries, we build the bridge to the tech giant Microsoft. All with one goal: To create the best employee and customer experience in order to achieve competitive advantages.

Customers love our inspiring corporate culture, which is contagious. It successfully supports and overcomes organizational or technological challenges. Together with them, we shape the future of teams, products, companies and entire industries.

Locations

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