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REFERENCE

Kontron Europe GmbH

Managed SOC for maximum cyber security

Project environment

Kontron is a global leader in the field of IoT/Embedded Computer Technology (ECT).

With a combined portfolio of hardware, software and services, the company, which was founded in 1959 and has over 1,200 employees, offers customized solutions for the Internet of Things (IoT) and Industry 4.0.

Recently, hackers have increasingly focused their attention on the IoT industry. This has led to an increasing threat situation and has also greatly increased the cyber security requirements at Kontron. A new SOC (Security Operations Centre) was therefore to be implemented to monitor, detect in real time and respond quickly to cyber incidents. At the same time, a Managed Security Service Provider (MSSP) was needed to take over the 24x7 support of the security infrastructure.

The choice was easy for Kontron: as a long-standing regular customer of Axians it was able to build on a very good relationship of trust. Axians had already proven itself to be a reliable partner in several projects, working reliably in terms of planning, installation and operation and offering an outstanding price/performance ratio.

After Axians was also able to demonstrate that the SOC is backed by a broad-based team with in-depth knowledge and practical experience that comprehensively covers not only IT security but also OT security, Kontron was completely convinced.

Project requirements & project goals

In a vulnerable environment, a SOC solves the problem of proactive detection and rapid defense against cyber threats. This is because the increasing proliferation of networked devices and systems makes it easier for attackers to exploit new entry points and potential vulnerabilities. At the same time, the increasing complexity and sophistication of cyber-attacks means that companies like Kontron are faced with the major challenge of having to protect their own digital assets around the clock. In addition to suitable tools and processes, the SOC should therefore include a dedicated service that monitors the company's own security infrastructure 24x7x365.

The project objective was therefore a combination of **optimized security with reduced response time and effectively relieved internal IT resources.**

In addition, proactive monitoring and response to cyber threats was to be guaranteed even outside office hours.It also had to be a good fit in human terms, as Kontron wanted its Managed Security Service Provider to be reliable, highly accessible and have a broad-based team with extensive expertise.

TASK / OBJECTIVE

- Continuous monitoring of the security infrastructure
- Proactive detection and immediate defense against cyber threats
- Effective relief of internal IT resources

SOLUTION

- Implementation of a SOC
- Integration of the SentinelOne security solution
- Utilization of Axians' managed services

BENEFITS

- Optimum protection of digital assets and company resources
- Real-time detection and rapid response to security incidents
- Outsourced support and monitoring around the clock

Kontron Europe GmbH

Realization

Following the contract agreement, Axians started the implementation of the leading XDR (Extended Detection and Response) solution from SentinelOne. This collects data from a wide range of sources such as endpoints, cloud servers and networks in order to automatically analyze threats and enable shorter response times.

Onboarding into the IT/OT SOC of Axians was completed within a short space of time, as the SentinelOne solution is agent-based. Axians regularly carries out threat hunting to provide Kontron's systems with the best possible protection against cyber-attacks and to rectify any security problems at an early stage.

This is complemented by comprehensive support and monitoring via managed services, in which an experienced team of security experts work around the clock to detect, analyze and respond to threats in real time.

Project result

Kontron is relying on Axians SOC capabilities since the beginning of July 2023. Thanks to the central cyber security control center Kontron can always rely on the fact that its own data, digital assets and company resources are optimally secured.

The replacement of the existing security system has given Kontron access to advanced functions and state-of-the-art security technologies and has also led to a noticeable improvement in performance. Added to this is the managed service from Axians, which ensures reliable support and monitoring of the security infrastructure.

Kontron is very satisfied with the solution and appreciates the fact that it offers higher performance and thus further optimizes the protection of valuable resources and data. In addition, the company has the desired combination of technologies, processes, and qualified personnel to be optimally equipped for the future in terms of security.

CUSTOMER INFO

Company: Kontron Europe GmbH

Industry: IoT/Embedded Computing Technology (ECT)

Founded: 1959

Dimension: More than 1,200 employees ensure that a wide range of industries can benefit from innovative solutions in the areas of the Internet of Things (IoT).

Website: www.kontron.com/de

ABOUT AXIANS

The Axians Group in Switzerland is part of VINCI Energies' global brand network for ICT solutions.

With a holistic ICT portfolio, Axians supports companies, municipalities, public institutions, network operators and service providers in modernising their digital infrastructures and solutions. In the business units in Switzerland, consultants, developers and technicians ensure that people's lives are improved - for example through broadband expansion, cloud and data centre infrastructures, cyber security, enterprise networks, IoT platforms and leading software for public administration.

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