Guardicore

INDUSTRY
Education

ENVIRONMENT
◆ On-premises data center
◆ VMware

PRIMARY USE CASES
◆ Reducing lateral movement
◆ East-West traffic visibility
◆ GDPR compliance

BENEFITS
◆ Full-context process visibility
◆ Process-level segmentation policies
◆ Threat detection and response capabilities

CASE STUDY:

IT Service Provider for Danish Colleges

ESIS Secures Data Center with Guardicore

The Customer

ESIS provides IT operations for 12 Danish colleges, running and maintaining each institution's infrastructure in close cooperation with in-house teams.

The Challenges

Bring-Your-Own-Device (BYOD) Leading to Growing Attack Surface

The schools have more than 4,000 employees and more than 20,000 full-time students annually, many of which use their personal devices on each school's network. This caused concern that the colleges' overall attack surface was ever-growing and needed to be reduced in order to improve their security and GDPR compliance posture.

Unsegmented Data Center

Since the schools share a data center, all traffic was routed through a central network. ESIS needed a way to limit lateral movement between the schools — in other words, to segment each school's assets from the others. Therefore, ESIS began to look for solutions that could help them quickly and simply control East-West traffic movement.

Inefficient, Manual Data Protection

The ESIS team is responsible for several ERP databases with highly sensitive data. Manually managing access lists of key personnel for these and other assets was both complex and inefficient. They needed a better, more effective solution.

Selecting a Solution

"Guardicore was chosen based on ease of use and flexibility of deployment. Even though we have a VMware platform, we did not want to be locked in by not being able to use other platforms as well," said Sebastian Morsony, IT Architect and Systems Consultant at ESIS.

The ESIS team initially looked at several options during the selection process. They considered VMware since all workloads at the organization were running on VMware clusters. However, they ultimately decided that the Guardicore Centra Security Platform was the best fit for the organization's needs.

Guardicore's global research team also played a role in the decision-making process. Morsony explained that *"when researching Guardicore, we came across the Guardicore Labs research and tools like the Infection Monkey, for example, and felt there was a very strong technical research team embedded in the company. It was something that we took into account when we made our decision."*

Guardicore Centra Benefits

Today, all servers and data from the 12 schools have been successfully micro-segmented with Guardicore Centra. Now no one school can access data from any of the other colleges whose IT operations are managed by ESIS. This has significantly improved security.

Visibility Across Environments

Additionally, the team at ESIS says their visibility into activity in the network and around sensitive data is now highly improved. The real-time and historical insight into East-West traffic provided by Guardicore Centra has allowed them to swiftly identify, mitigate, and investigate threats, drastically reducing response time.

On-Going Technical Support

ESIS also noted Guardicore's Professional Services and Customer Success teams, appreciating their consideration of ESIS's needs and help in keeping the deployment project running smoothly and on time.

Equipped to Protect

With Guardicore's help, the ESIS team is confident that they have greatly improved the security posture of the colleges they support. In the event a breach occurs, they are ready to instantly protect students' and employees' sensitive data.

Protect your assets with Guardicore Centra:
www.guardicore.com

About Guardicore

Guardicore is the segmentation company disrupting the legacy firewall market. Our software-only approach is decoupled from the physical network, providing a faster alternative to firewalls. Built for the agile enterprise, Guardicore offers greater security and visibility in the cloud, data-center, and endpoint. For more information, visit www.guardicore.com or follow us on Twitter or LinkedIn.

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