Nexess case study
Nexess chooses SecludIT to audit virtualized IT

Overview

By connecting Energy and Aerospace Industries to the Internet of Things (IoT), NEXESS brings Industry in the age of Smart Manufacturing. NEXESS provides real-time and total visibility into Supply Chain, Production and Maintenance processes by connecting the physical environment of the plant through wireless transponders (RFID).

BUSINESS NEEDS

Nexess internal IT has a good level of service and availability for internal users. Virtualization by VMware has brought flexibility and consolidation to IT management in order to answer the need of internal users, specially the R&D department.

Being a fast growing company brings notoriety and lots of new hires. On the other hand, intellectual property is an important asset for a company built on innovative solutions.

Frédéric Galtier, the CEO after raising VC money that will accelerate Nexess development, needed to establish an analysis of the possible risks of internal IT.

SOLUTION

SecludIT was chosen by the following reasons according to Frédéric:

- Security expertise on virtualized environments. Virtualization brings flexibility but as well complexity. While trusting internal IT, a deeper and external look by security experts that have the right tools allows us to be better prepared to withstand malicious attacks.

- Continuous analysis and support. Frequently auditors do their IT vulnerability report and that's it. What pleased me on the SecludIT offer was the fact that they leave the security tools in place to help my IT administrator and they regularly provide support.
  It is not a one shot audit where we are OK at the time of the audit and then we do not really know.

SecludIT Solution

Elastic Vulnerability Assessment
Intrusive tests on cloned servers

Multi-Layer
Comprehensive vulnerability assessment solution for network, cloud stack, servers, applications and data

Multi-Cloud Support
Multiple cloud providers support

Auto-Checks patented technology.
Adaptive to infrastructure

CUSTOMER/PARTNER BENEFITS

The audit took less than one week and revealed some virtual servers that had weak configurations. These did not had direct access to critical data, but could be used as a hop in an Advanced Persistent Threat kind of attack.

> *"Regular meetings with SecludIT were established to review the reports and to continuously improve the security of the IT infrastructure that is vital for our growth"*
>
> **Frédéric Galtier**
> **Nexess CEO**

"The tools were mostly automated and the only configuration was to give access to the VMware hypervisor. From there, everything went smoothly. The reports allowed to establish an action plan and the priorities were identified. After the hardening done quickly by the IT team, the SecludIT auditor did a quick check to verify that the priority points were addressed." said Julien Musat, the IT manager of Nexess. The audit brought as well improvements on the network segmentation and identified some legacy applications that were isolated.

On top of that, today Nexess has the tools to regularly scan the IT infrastructure so that when new vulnerabilities appear or when there is strange activity on the logs, the IT team can do a quick check.

"Finally, regular meetings with SecludIT were established to review the reports and to continuously improve the security of the IT infrastructure that is vital for our growth" concluded Frédéric.

ABOUT SECLUDIT

Cloud computing is moving quickly to widespread adoption, since the benefits associated with cloud technologies are creating real value across IT, mostly in terms of resources, cost optimization and architecture scalability. The challenge today is to maximize the benefits of cloud computing without compromising security and compliance.

Founded by seasoned experts in network security, virtualization, and cryptography, SecludIT is an award winning company that has developed a set of products and services specifically designed to help cloud infrastructure providers and business-critical cloud users to safely move towards cloud technologies adoption.

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