# DEFENDER BOX
### EINFACH.SCHNELL.CYBERSICHER.

# Success Story
# mediaBeam GmbH

„**DEFENDERBOX is the perfect solution for our entire IT infrastructure. The weekly pentests are mandatory! The (cyber)security gained is extremly important to our SME and the 2,000,000 customers who rely on us.**" Bernd Terbrack, SRE, mediaBEAM GmbH

## Initial situation

**Main result:**
Significant reduction of workload for all IT-teams

1,000 virtual servers, 100 hardware servers, two data centres, cloud solutions for companies, email services and several petabytes of data for 2,000,000 customers offer a large attack surface for hackers. Therefore, it is essential to constantly check on vulnerabilities and security gaps in the entire IT infrastructure so that existing processes can be maintained.

## Objectives & realisation

**Main objectives for mediaBeam:**
Security checks/scans of the entire infrastructure. In addition, security gaps that could be attacked from the outside had to be identified.

Besides printers and network components, products and software were involved that are no longer produced or supported by the manufacturer (end-of-life systems).

The security scans included also network-based intrusion detection and incident response information on malware, rootkits and other suspicious anomalies.

## Execution & results

Due to performance reasons, **more than one DEFENDERBOX** was deployed in **different instances and segments** of the network. Each segment was assigned to an IT-team in charge to monitoring and rectifying vulnerabilities. The entire IT infrastructure was scanned in several steps, both internally and externally.

The report revealed that some end-of-life products did indeed have **critical security vulnerabilities**. By replacing them the security gab was closed. mediaBEAM then quickly decided to use **DEFENDERBOX** as its cybersecurity solution. Since then, the entire network are scanned on a weekly basis with the aim to react quickly to (all) threats -

such as the recently discovered "Open-SHH Regression" vulnerability  and to identify any affected systems.

The **DEFENDERBOX** automation with its ready-made processes and automated prioritised reporting **has significantly increased the IT security and reduced the workload of the individual IT-teams**.

## Success Story - mediaBeam GmbH



Bernd Terbrack: **„The DEFENDERBOX automation saves us a lot of time which our IT-teams can use for other important tasks. The prioritisation of each security gap allows us to work effectively on the right issues. This and the high level of cyber security are clear advantages of this security tool".**

## Company



**mediaBEAM GmbH** is one of the leading software manufacturers and IT service providers for white label email. As a partner for cloud storage and document management as well as email, address and calendar management, mediaBEAM GmbH creates and operates easily integrated communication solutions for telecoms providers, interactive city portals and collaboration solutions for business partners.

**Industry:** IT & telecommunications
**Employees:** 35
**Solution:** weekly scans