

BIT-BW uses HP Sure Click Enterprise



“Certainly also thanks to HP Sure Click, no outbreaks of malicious code have been detected on a client for some time.”

Stefan Krebs, CIO/CDO Baden-Württemberg



Industry: Public Sector



Country: Germany

Objective

Improve PC endpoint protection for the State of Baden-Württemberg.

Approach

HP Sure Click Enterprise¹ was chosen to provide an additional layer of security for over 65,000 PCs within the state.



Business Outcomes

- Significantly improved PC endpoint security
- No security incidents on PCs (No outbreaks of malicious code)
- Saved money by not having any PC compromises or ransomware attacks
- Protection from GenAI generated phishing or ransomware attacks

Setting the Stage

BIT-BW is the central IT service provider for the State of Baden-Württemberg. It provides high-quality IT services and digital strategy to 11 ministries and their subordinate ministries. With a staff of 750 employees across several divisions, BIT-BW is responsible for managing IT plans and projects, coordinating with the federal government, and

digitizing public administration capabilities for greater efficiency and quality of public service.

BIT-BW supports over 65,000 users who are interconnected using various applications. It secures file databases, other network services, and the internet for all its users.



Safeguarding Individual Users and IT Infrastructure

As a government entity, BIT-BW is subject to several security standards, such as the German IT Security Act 2.0, Germany's federal guidelines for implementing computer security (BSI IT), and international guidelines for managing information security (ISO 27000). The commonality of these standards is to protect the individual user.

While following the standard guidelines, the entire state administration must be defended against different cyberattacks. The state has faced various types of Trojan malware, such as Emotet and other types of ransomware.

The key objective is two-fold: to provide the safest environment for the IT infrastructure as well as for individual users within the state.

“With regards to our security strategy, we have always been aware of the fact that the individual workplace [user] is an ideal point of intrusion for an attacker.”

Stefan Krebs, CIO/CDO Baden-Württemberg

Micro-Virtual Machines Provide Advanced Defense

BIT-BW found Sure Click Enterprise after much market research. According to Stefan Krebs, “There was no security software with a comparable mechanism for locally built micro-virtual machines (VM).”

After an extensive proof of concept (PoC) was carried out successfully, the implementation was rolled out over a two-year period, supported by an experienced HP technical staff and an external service provider.

Sure Click Enterprise helps BIT-BW meet the stringent internal state-established standard guidelines as well as ISO 27000

and BSI IT, which ensures the protection of individual users. It provides a very effective defense using hardware-based micro-virtualization against ransomware and phishing attacks.

This has led to a higher level of security, especially for potentially dangerous links in web pages and malware-embedded email attachments. Sure Click Enterprise includes a secure browser that uses micro-virtualization to protect the user when clicking on malicious links.

Even with the emergence of GenAI, the state is protected from faster AI or human attacks with Sure Click Enterprise.



“HP Sure Click has certainly made a significant contribution to increasing security,” according to Krebs.

“HP Sure Click offers a very effective defence mechanism through the mechanism of hardware-based micro-virtualization.”

Stefan Krebs, CIO/CDO Baden-Württemberg



Online and Offline Protection for Increased Savings

Sure Click Enterprise has significantly helped improve PC security in the state. There are two major advantages that safeguard the PC endpoints.

First, the solution works even when the device is offline. This allows users to work securely when they are not connected to a network or the internet.

The second advantage is the micro-virtualization. This allows users to run files and attachments in an isolated environment to eliminate any chance of viruses that could spread.

The solution is very flexible, allowing the administrators to easily design policies to meet BIT-BW's security requirements. The policy implementations help improve overall IT efficiency.

According to Krebs, "By being able to fend off various attacks, we were of course able to save a lot of money since an outbreak in a system or a full encryption of the system [ransomware] would have been extremely expensive, and we were able to avoid these costs in this way."



A Fresh Approach to Public Sector Cybersecurity

BIT-BW has found that Sure Click Enterprise is a very effective defense mechanism against phishing and ransomware. With HP's unique micro-virtualization, malware is easily contained allowing the state of Baden-Württemberg to stay secure.

"HP Sure Click has helped us a great deal and I am very satisfied with the product."

Stefan Krebs, CIO/CDO Baden-Württemberg

Hear directly from Stefan Krebs.

Learn how to fill your security gaps with Sure Click Enterprise

1. HP Sure Click Enterprise is sold separately. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files, when Microsoft Office or Adobe Acrobat are installed. For full system requirements, please visit [System Requirements for HP Sure Click Enterprise](#) for details.

© Copyright 2025 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

4AA7-7795ENW, January 2025