



Visana Insurance offers comprehensive coverage and IT security



Headquarters of the Visana Group in Bern. (Source: [unintelligible])

In terms of end device security, the Swiss insurance group Visana relies on a solution by Bromium. It reliably protects around 1500 workstations equipped with mobile end devices from malware and possible cyber attacks. There is also comprehensive security for the customer data.

“Well-served in every way” is Visana’s promise to its insured – and that also involves IT and particularly IT security. Given the growing number of such a wide range of cyber threats, zero-day attacks and advanced persistent threats, the Visana Group, with headquarters in Bern, is among the leading Swiss health and accident insurance companies that has brought client security to a new level. End device security was a part of a comprehensive migration project. This included, among other things, the hardware consolidation by equipping the workstations with a docking station, notebooks Windows 10.

Bromium is appealing due to its unique selling point

When securing end devices, it was important to Visana that risks be considerably reduced for users and that they are protected, primarily from e-mail and zero-day attacks as well as compromised websites. In addition, the employees should not be impeded in their work methods. Visana took a very close look at two solutions in detail: first, a complete solution that covers the areas of devices and application control as well as endpoint

security as well as Secure Platform by Bromium. “The Bromium solution ran from the start with high stability and functionality. In addition, the technical approach of isolating all potential hazards is more than impressive and there is currently nothing comparable on the market. That is why we clearly decided in favor of Bromium at the end of the proof-of-concept phase,” explains Luciano de Dios, system specialist in the System Management Service division at Visana in Bern.

After the pilot phase, there was a five-month rollout of the solution in which approximately 1,500 end devices of the Visana Group were equipped with the Bromium solution, 800 of which were at the headquarters in Bern and the remaining Visana locations spread across Switzerland. We are very satisfied with the solution and, in terms of end device security, we consider ourselves best equipped against attacks of all kinds”, Dios continues.

Micro-virtualization puts attacks on the sidelines

Unlike conventional applications, the Bromium solution Secure Platform does not depend on malware detection; isolating instead of detecting is the motto in preventing attacks. The central feature of the Bromium solution is the hardware-isolated micro-virtualization. It is based on the Bromium Microvisor, a hypervisor especially created in terms of security and the integrated virtualization features of the current CPU generations. With this solution architecture, all potentially hazardous user activities can be encapsulated - for example when accessing a website, downloading a document, opening an email attachment or accessing the data of a portable memory medium. Due to this isolation, malware can never reach the actual operating system and therefore can neither cause damages locally in the network or result in data theft. Moreover, the solution does not require a time-consuming and high-cost resetting of compromised computers because possible damages are limited to the respective micro VM and it is deleted again.

About the Visana Group

The Visana Group is among the leading Swiss health and accident insurance providers. It provides obligatory health insurance (OKP) according to the Health Insurance

Law (Krankenversicherungsgesetz, KVG), supplemental and property insurance according to the Insurance Policy Law (Versicherungsvertragsgesetz, VVG) and accident insurance according to the Accident Insurance Law (Unfallversicherungsgesetz, UVG). Visana insures private customers (individual persons and families) and corporate clients (companies, institutions and associations). Wage loss and accident insurance is offered for the latter. In total, the Visana Group has around 827,000 private customers. Of these, over 615,000 people have basic insurance with Visana. Added to that are over 13,000 corporate clients. At the headquarters in Bern and in 100 offices throughout Switzerland, the Visana Group employees approximately 1,300 employees, of which two thirds are women. The premium volume is approximately CHF 3.3 billion. Further information at www.visana.ch/de/visana.



About Bromium

Bromium, with its headquarters in Cupertino in the Silicon Valley, is a pioneer in the area of application isolation using micro-visualization. Unlike conventional solutions, Bromium does not rely on the recognition of malware code but rather prevents its effects: Malware of all kinds, regardless of whether it is from the web e-mails or USB devices, remains safe because every user task is run in a hardware-isolated micro-VM. Bromium can then prevent the operating system from being compromised. Its customers include authorities and companies in the widest range of industries. In Germany, Bromium is represented by a branch office in Heilbronn. Further information is available at www.bromium.com.