



# Dataport protects its users against cyber attacks with Bromium



Dataport, information and communication provider for public administration, is gradually safeguarding 32.000 clients against cyber attacks with the Bromium secure browser. The encapsulated Internet access ensures optimum security while performance and usability clearly improve at the same time.

As an information and communication service provider, Dataport supports the municipalities of Hamburg, Bremen, Schleswig-Holstein and Saxony-Anhalt, as well as the tax municipalities of Mecklenburg-Western Pomerania and Lower Saxony as well as many municipalities in Schleswig-Holstein. With over 100,000 clients, the goal is to optimally protect a giant, attack-prone area. Until now, secured Internet access occurred via a terminal server environment in the Dataport computer center. The limitation simultaneously usable points of access, limited convenience during uploads, downloads and data transfers and insufficient performance when accessing web pages are the known disadvantages. That should change – What was desired was a solution that continued to allow simultaneously high-performance Internet usage.

## Encapsulated Internet access with Bromium

Dataport therefore decided on the application isolation solution Secure Browser by Bromium, that will provide an encapsulated Internet browser directly to approximately 32,000 of the more than 100,000 clients. The prerequisite was a public tender in which Computacenter could set itself apart. In a first phase, with the help of a consulting company, a pilot project with 50 clients was implemented. To do this, the corresponding policies were configured via the central Bromium Enterprise Controller and tailored to the requirements of the computing center. Dataport will take care of the further rollout of the software itself, supported by Consulting Services and administrator training sessions by Computacenter.

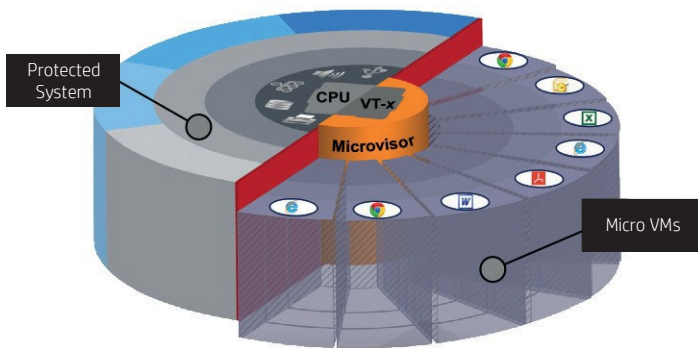
Bromium performs risky user activities such as accessing websites not originating from authorities in what is known as micro-VMs. They are dynamically generated, virtual environments in which the users continue to work as usual. By running the applications in isolation, no malware code can then attack one's own operating system. Compromising the end device and then the official network via file downloads from malicious websites is thereby virtually precluded. The core elements are a Xen-based hypervisor especially developed in terms of security and the integrated virtual features of all current CPU generations.



### More security, more convenience

On over 32,000 clients that are to be equipped with the new technology, Dataport has now installed the Bromium solution, the others will follow gradually. This makes the low-performance Internet access of the clients via a terminal server environment also a think of the past while people are now best protected against new, unknown malicious code for file downloads.

“With the Bromium solution, we are perfectly safeguarded against attacks via our Internet browser. While drive-by attacks and watering hole attacks went nowhere with our customers since the introduction of the terminal-server-based browser, we then also added optimum protection against file-based malware that could end up on our clients when downloading files. Moreover, the improved performance and usability is very notable compared to the previously used terminal server landscape,” explains Jan-Eric Hein, Bromium Product Manager at Dataport.



### About Dataport

As an information and communication service provider, Dataport supports the municipalities of Hamburg, Bremen, Schleswig-Holstein and Saxony-Anhalt, as well as the tax municipalities of Mecklenburg-Western Pomerania and Lower Saxony as well as many municipalities in Schleswig-Holstein. The public law institution was founded based on a state contract on January 1, 2004 and has its headquarters in Altenholz near Kiel with branches in Hamburg, Rostock, Bremen, Lüneburg, Magdeburg and Halle. [www.dataport.de](http://www.dataport.de).

### 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](http://www.bromium.com).