

Bromium Endpoint Protection

Virtualization-Enhanced Protection Against Targeted Attacks

Key Benefits

DEFEAT CYBER ATTACKS

Revolutionary micro-virtualization technology prevents known and unknown cyber attacks from compromising endpoints and your corporate network

STREAMLINE IT AND REDUCE COSTS

Urgent security patching, chasing false positives and re-imaging PCs are eliminated, freeing up IT and dramatically reducing costs

EMPOWER USERS

Users can safely click on anything on the Web from home, branch offices, airports and cafes—without the need for restrictive policies

Key Features

MAKE WEB BROWSING SAFER

Bromium Endpoint Protection defends against drive-by downloads, browser-based attacks and exploits that target Java vulnerabilities in Adobe applications and browser plug-ins like Flash

PROTECTION FROM MALICIOUS DOCUMENTS

Supports all common document and file formats, including PDF, Microsoft Office documents, email attachments, Web downloads, USB drives and file shares

PROTECT MOBILE USERS

Locally installed protection guards against attacks even when users are off the corporate network

EXECUTABLE ANALYSIS

Prevents advanced attacks originating from executables by analyzing files for malicious behavior within a micro-VM

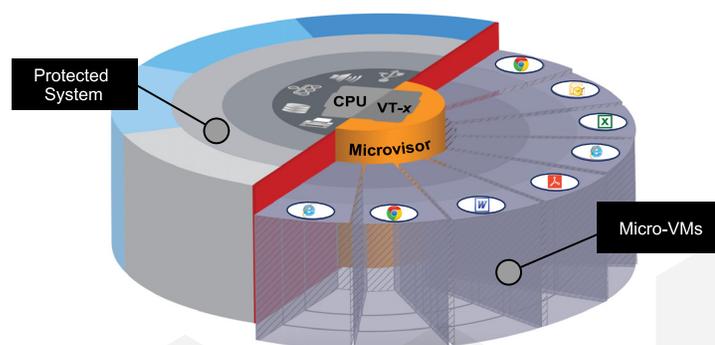
Every day, enterprises around the world are confronted with cyber attacks that evade traditional security technologies, such as antivirus, host intrusion prevention and even network protections. Security solutions that rely solely on detecting and blocking malware using signatures or post-infection analysis are ineffective when it comes to today's sophisticated threats.

Bromium® Endpoint Protection,™ a component of Bromium Advanced Endpoint Security, offers a better way to defeat cyber attacks that target the endpoint, where more than 70 percent of breaches originate. Bromium transforms endpoint security with powerful new hardware-isolation technology that protects your business from malware, reduces costs, while empowering your users.

How it works

Bromium Endpoint Protection uses proprietary micro-virtualization (micro-VM) technology to automatically and instantly isolate all user tasks and the

associated content—such as an email attachment, webpage or executable—in a micro-virtual machine. This secure container is automatically discarded when the user closes a Web session or document. As a result, malware that may enter the micro-VM through these threat vectors cannot compromise the operating system, applications, data or network. Bromium's approach addresses all major threat vectors, neutralizing both known and unknown threats with no need for signatures, security software updates or access to the corporate network. Malware essentially becomes irrelevant.



Innovative Technology

POWERED BY XEN

Bromium is powered by the Xen hypervisor that drives global computing

BROMIUM MICROVISOR™

This purpose-built, security-focused hypervisor leverages advanced hardware capabilities to deliver unprecedented granularity, security and performance

HARDWARE ENFORCED ISOLATION

Bromium uses hardware-virtualization features built into today's PCs and laptops to enforce the isolation of untrusted tasks and implement the principle of least privilege between the protected system and unknown code

Supported Platforms

Intel i3, i5, i7 processor, 4 GB RAM
Microsoft Windows 7 32-bit and 64-bit
Microsoft Windows 8.1 64-bit
AMD processors with AMD-V™ technology

About Bromium

Bromium has pioneered the next generation of endpoint protection that eliminates breaches. Just as virtualization transformed IT, Bromium is transforming security with its unique micro-virtualization technology. Bromium provides the world's most advanced endpoint security, even against the most sophisticated zero-day malware. Unlike traditional security technologies, such as antivirus or virtual containers, which rely on ineffective detection techniques, Bromium's solution automatically isolates each user-task in a lightweight, CPU-enforced micro-VM. This enables users to click on anything without risk of compromise, protecting the enterprise. Bromium's technological innovations have earned the company numerous industry awards. Bromium counts a rapidly growing set of Fortune 500 companies and government agencies as customers. Visit us at www.bromium.com.

Bromium Endpoint Protection can create hundreds of micro-VMs dynamically in real time. It supports multiple concurrent user tasks using industry-standard systems by leveraging advanced memory management techniques and unlocking the power of standard virtualization hardware built into today's PCs and laptops.

Bromium Endpoint Protection works in concert with Bromium Threat Analysis™ which provides unprecedented insights into all phases of every attack. With Bromium's isolation technology, threats can execute completely within the safe confines of the micro-VM. IT can discover the nature, scope and trajectory of attacks in minutes rather than hours or days, enabling swift distribution of threat intelligence throughout your infrastructure. It's like having a black box flight recorder for threats on the host.

Bromium Endpoint Protection is easy to manage and monitor with Bromium Enterprise Controller™ (BEC). With BEC, IT can manage all Bromium-protected endpoints, whether they are on or off the corporate network. BEC is scalable and can support the needs of organizations of any size—even those with the largest networks.

Defeat attacks. Protect endpoints and your entire enterprise.

Traditional endpoint security solutions rely on detection and often fail to block targeted and zero-day attacks.

Bromium Endpoint Protection defends the endpoint by isolating all content for each task—including threats—through breakthrough micro-virtualization technology that leverages CPU hardware technology. Bromium Endpoint Protection even stops “undetected” attacks without disrupting the user.

Streamline IT and reduce costs.

IT teams are challenged to find critical threats in a sea of false alerts and insignificant events. Bromium Endpoint Protection simplifies IT processes, dramatically reducing and even eliminating compromises on endpoints, costly remediation, urgent security-related patching and wasted efforts chasing false positives.

Bromium Endpoint Protection pays for itself in a matter of months. And, Bromium helps avoid the financial losses associated with breaches—lost revenues, regulatory fines, legal fees and PR costs.

Empower users. Support mobility and enhance productivity.

The continuing trends toward mobility and bring your own device are transforming the way people work. Users demand the freedom to work from home and on the road without having to worry about compromise. Bromium Endpoint Protection empowers users, allowing them to access the resources they need to be productive anytime, anywhere.



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