



Endpoint Security Transformed

Isolation: A Revolutionary New Approach





A New Standard for Protection

“Antivirus’ reign as the king of endpoint protection is nearing an end. Signature-based AV engines can no longer keep up with the explosion of malware variants.”

CHRIS SHERMAN, PRINCIPAL
ANALYST, SECURITY AND RISK,
FORRESTER RESEARCH

“Antivirus is dead, it only catches 45% of cyber attacks.”

BRIAN DYE, SYMANTEC SVP
OF INFORMATION SECURITY

“71% of breaches targeted user devices.”

VERIZON DATA BREACH
INVESTIGATIONS REPORT

“Micro-virtualization is game-changing technology for the information security professional and the enterprise today.”

JIM ROUTH, CISO, AETNA

Today’s headlines shine the spotlight on one high-profile security breach after another. With over 70% of all data breaches involving malicious attacks on endpoints, enterprises all over the world are spending more, adding more layers to their security. Every day, attackers are finding new ways to evade detection, engage in fraud, and steal valuable data from vulnerable endpoints.

Traditional detection-based defenses like antivirus are easily evaded by today’s sophisticated threats, such as advanced persistent threats (APTs) and spear-phishing attacks. Mainstream security vendors using decades-old approaches have been unable to effectively meet these challenges, forcing enterprises into a never-ending cycle of costly infections, chasing false positives, and constant endpoint remediation.

This situation has opened the door for a new approach to endpoint

security, and a new company to lead the way—Bromium®.

Bromium: A New Approach Using Isolation

Virtually every other endpoint security product relies on ineffective detection methods, which fail to stop modern cyber attacks. Bromium’s pioneering technology uses isolation to completely transform the computing experience and reduce costs. We make endpoints more resilient, flexible, manageable, and secure—and we free users from limitations.

Bromium’s technologists have developed state-of-the-art innovations in virtualization, systems architecture, security, and high-performance computing. Our founders led the development of the world’s first virtual platform, Xen® hypervisor, which currently powers the world’s largest clouds and most secure devices.





Our powerful ISOLATION technology creates a secure container for each user task. It is like a new PC that you use for one task and then destroy and toss away for good.

“Tests conducted with Bromium vSentry showed that the software was able to defeat 100% of the attacks.”

NSS LABS

“Bromium is a game changer in the industry.”

COLIN HAUBRICH,
ALTERA CORPORATION

“This is a great innovation that is likely to have a significant impact on endpoint security. Bromium reinvents the endpoint solution in a way that has no impact on the user, yet restricts attacks. Excellent.”

ANDREW ROSE,
PRINCIPAL ANALYST, SECURITY AND
RISK, FORRESTER RESEARCH

The Bromium Approach: Isolate Threats

The endpoint is where most attacks are targeted. We outwit cybercriminals with an innovative method called micro-virtualization, which is unlike anything else on the market. We’ve created a new world where endpoints use ubiquitous hardware features already built into the majority of CPUs to automatically isolate all tasks and defy compromise, without relying on flawed detection models.

Bromium Business Benefits

It’s always been an IT security dream to allow users complete freedom to click on anything, anywhere; on the network or on the road, in a hotel, or at the airport. With Bromium, users can open any webpage or click on any attachment while at the same time preventing their endpoint from being compromised.

That IT security dream is now a reality. No more compromised endpoints, no more false alerts to chase down, and less frequent, untested security patches. With Bromium, IT can focus on growing the business.

Users no longer have to worry about security or get frustrated by restrictive policies. With Bromium, you take back your right to do business securely—and without worry.

• Defeat cyber attacks

Feel confident that your system resources and your network will not be affected by malware.

• Streamline IT and reduce costs

Stop chasing down false positives and end the need for urgent security patching and costly remediation. Improve your bottom line by reducing your operational expenses.

• Empower users

Give up restrictive security policies and give users the freedom to do their jobs anywhere and to click on anything—safely and securely.

• Gain real-time intelligence

Instantly and automatically understand the full details of all attacks with the world’s first threat replay technology.



“With the confidence that Bromium is there, we don’t have to be reactionary anymore.”

V. JAY LAROSA, ADP

“Without relying on signatures, advanced attacks are effectively neutralized, since they can cause no permanent damage to the system or attack other systems.”

GARTNER RESEARCH, COOL VENDORS
IN CLIENT COMPUTING, 2013

The Bottom Line

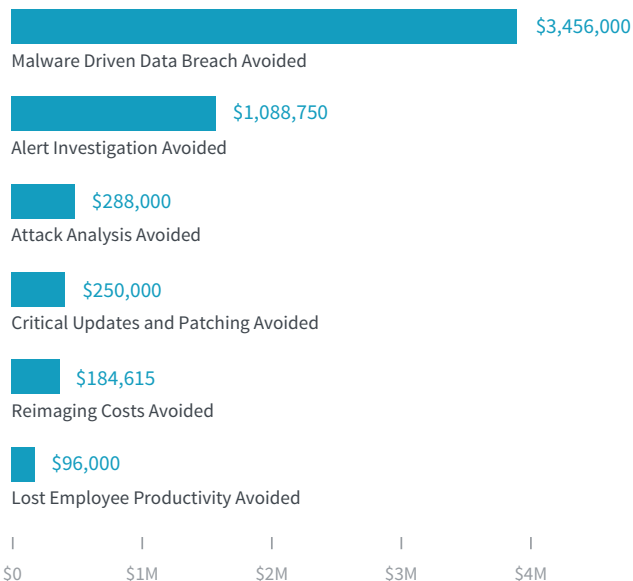
Securing the endpoint is not the only advantage of Bromium. Customers see significant operational benefits as well. Research indicates the average cost of a data breach to be \$5.4 million. With a typical six- to nine-month payback period, it’s easy to justify Bromium to business owners concerned with the bottom line.

The Endpoint Security Solution of the Future Has Arrived

Bromium’s revolutionary approach to endpoint protection transforms the

resilience of enterprise endpoints, substantially reduces your investment in security, and boosts operational efficiency. Its breakthrough micro-virtualization technology virtually eliminates compromises on endpoints, false alerts, urgent patching, and costly remediation. And it frees up users to be more productive and creative, while reducing management overhead, and enabling security teams to focus on more strategic tasks rather than scrambling to deflect threats.

ANNUAL COST AVOIDED WITH BROMIUM





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