Malwarebytes

Agência Espacial Brasileira prevents malware from launching on its endpoints

Malwarebytes Endpoint Security stops infections and improves productivity

INDUSTRY
Aerospace

BUSINESS CHALLENGE
Prevent malware from disrupting partner communication

IT ENVIRONMENT
One data center with multiple Unified Threat Management (UTM) systems, Intrusion Prevention/Intrusion Detection System (IPS/IDS), and McAfee antivirus

SOLUTION
Malwarebytes Endpoint Security, which includes Anti-Malware, Anti-Exploit, and the Management Console

RESULTS
• Reduced malware infections by more than 90 percent
• Significantly reduced support and malware remediation costs
• Improved user productivity by virtually eliminating downtime due to malware
• Simplified endpoint security management with centralized Management Console Saved time with simplified management and batch updates

Business profile

The Agência Espacial Brasileira (AEB) is the civilian authority in Brazil responsible for formulating and coordinating Brazilian space policy. When malware continually disrupted productivity, AEB turned to Malwarebytes and eliminated malicious threats.

> We've experienced at least a 90 percent reduction in malware-related issues. Malwarebytes has saved the agency significant time and support costs.
>
> —Lucas Rosa, Chief Technology Officer, Agência Espacial Brasileira

Business challenge

Get ahead of costly, disruptive malware

Brazil's space agency, AEB, found it increasingly challenging to improve its service desk because of relentless malware attacks. Threats arrived from around the world, and spam, Potentially Unwanted Programs (PUPs), and numerous types of Trojans found their way into the agency's computers.

Not only was malware a continual source of concern, it occasionally prevented communication with vital partners. When a machine or the email server was infected by Trojans, hit by Bit Miners, or controlled by bots, AEB would be blacklisted, causing communication issues. Of course, this was problematic to the agency's work.

"We deployed McAfee," said Lucas Rosa, Chief Technology Officer, AEB, "but machines continued to be infected, and it became more difficult to find the infected machines and clean them up. Many times, they had to be re-imaged."

Remediating machines was costly and time-consuming. AEB outsources its desktop systems and support, so each time a machine had to be diagnosed and remediated, it cost the agency a significant amount of money. Additionally, a machine could be
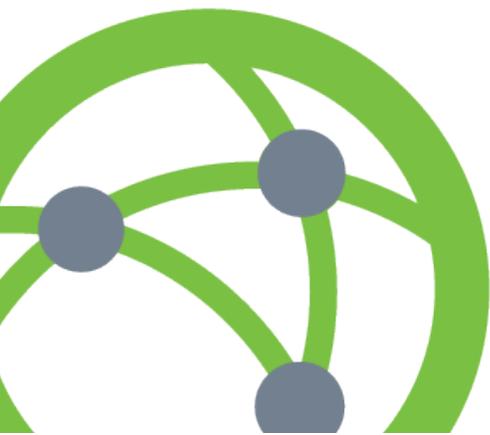
out of commission for several days as the team worked to identify and remediate the infection—and the agency found between eight and 12 infected machines each month. The financial and productivity impact quickly added up.

The solution

Malwarebytes Endpoint Security

The AEB team conducted extensive online research to identify its options for fighting malware. Then they tried Malwarebytes and deployed a month-long proof of concept to test its capabilities.

"We evaluated many advanced persistent threat (APT) solutions—including several sandbox and network-based technologies," said Rosa. "Only Malwarebytes offered a solution that was cost-effective and fully protected our endpoints. It truly impressed us."

Malwarebytes Endpoint Security includes Malwarebytes Anti-Malware, Anti-Exploit, and the Management Console in one comprehensive solution. It provides a powerful multi-layered defense engineered to defeat the latest, most dangerous malware, including ransomware. Malwarebytes monitors what ransomware is doing and stops it cold before it even touches a user's files.

"We chose Malwarebytes Endpoint Security because it gives us zero-day defense and centralized management for all of our endpoints," said Rener Martins, Chief Information Officer, AEB.

Now protected and saving money

AEB deployed Malwarebytes on its endpoints and on web and Exchange servers. The results were instantaneous. When they scanned the first machines, Malwarebytes found approximately 10,000 threats. Numerous types of

Trojans and other malware were infecting machines and affecting vital processes, such as important business and banking transactions.

"We've experienced at least a 90 percent reduction in malware-related issues," said Rosa. "Our machines are no longer infected and our help desk tickets have dramatically decreased. Malwarebytes has saved the agency significant time and support costs. Our staff can now focus on priority projects instead of reacting to trouble tickets."

AEB deployed Malwarebytes in "silent" mode so that users do not interact with the software. The software automatically blocks malicious sites, blocks exploits, and removes threats without users even noticing.

A perfect fit

"Malwarebytes Endpoint Security solution works beautifully," said Martins. "It uses our existing production infrastructure, and all we had to do was add the license."

Rosa reports that the Malwarebytes Management Console is simple to use. The centralized dashboard makes it easy to deploy Malwarebytes on new endpoints, schedule scans, see all malware attempts, generate executive reports, and ensure that machines stay malware-free.

"Malwarebytes is an easy-to-use solution," said Martins. "It lets us focus on the real problem—getting rid of malware."