Malwarebytes

Dexion racks up wins against evasive cyberthreats

Malwarebytes proactively blocks malicious threats across multiple vectors

Business profile

Dexion is a leading global storage solutions provider. It creates superior racking, management systems, and integrated solutions for warehouse and distribution environments. Dexion's customers rely on its experience in delivering strong infrastructure that underpins critical storage operations. The company takes the same approach to its endpoint infrastructure, choosing Malwarebytes for proactive protection.

Business challenge

Stopping ransomware and its damage

Dexion has more than 80 years of experience in its industry and operates in Australia, China, Malaysia, New Zealand, and Singapore. With a global attack surface, it wasn't surprising that ransomware managed to evade Dexion's security defenses and arrive in an email attachment. Within minutes, it corrupted the user's operating system, encrypted files, and moved to an on-premises file server. It took two days for the infrastructure team to recover the files and clean systems.

"We saw a rising number of other phishing attacks," said Andrew Luu, Infrastructure Manager for Dexion Asia Pacific. "Many of the attacks arrived in spoofed email messages, trying to appear as one of our executives requesting bank details or advising funds to be wired to unverified accounts."

Luu's first step was to find out why the company's Sophos antivirus wasn't protecting the Dexion environment as well as it should. They re-patched the entire Sophos deployment, and as Luu reviewed the results, he saw that there was little protection against ransomware and advanced malware. Dexion needed more.

OVERVIEW

INDUSTRY
Intralogistics solutions provider

BUSINESS CHALLENGE
Prevent future ransomware attacks

IT ENVIRONMENT
Sophos Endpoint antivirus, Cisco firewall, Forcepoint Email Security

SOLUTION
Malwarebytes Endpoint Protection

RESULTS
Restored hours of time for the infrastructure team by eliminating the need to constantly remediate systems

Proactively protected users from malicious websites, downloads, attachment, redirects, and other threats

Gained visibility and actionable data for compliance and user training

Prevented future ransomware infections

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ANDREW LUU, INFRASTRUCTURE MANAGER, DEXION ASIA PACIFIC

The solution

Malwarebytes Endpoint Protection

Luu and his team had previous experience with Malwarebytes, and they decided to conduct a trial of Malwarebytes Endpoint Protection. They tested several solutions side by side for two months, using systems from the tech team, sales users, and other users who had administrative privileges on their systems. They tested both solutions with online and offline systems and threw every kind of malware they could find at both.

"Malwarebytes did everything we needed," said Luu. "It effectively mitigated threats and provided us with great reporting, proactive monitoring, and alerts."

The Dexion team chose Malwarebytes Endpoint Protection and quickly deployed it to the company's endpoints. Luu said deployment was quite simple. He used the Malwarebytes deployment tool to push the software to endpoints, and Malwarebytes handled everything on the back end. Malwarebytes now protects Dexion's servers, laptops, and desktop systems.

Getting time back

"Malwarebytes gives us time back because it's proactive," said Luu. "We have peace of mind knowing that we don't have to worry about users going to malicious websites or receiving malicious files."

In the past, when a system became infected, Luu would have to comb through multiple logs to try and identify how the machine got infected, when, and where the infection came from. With the Malwarebytes cloud console, he can see all of the details instantly— the user, time, how the user was infected, and remediation measures taken.

"Malwarebytes gives me the information we need for deciding how to proceed," said Luu. "I can do in five minutes what used to divert me from my regular tasks for hours."

Automatically shelving ransomware

Since deploying Malwarebytes, Dexion has not had any ransomware infections, and the latest cryptomining malware has been blocked as well. Proactive monitoring and blocking has saved the team hours of effort.

"Malwarebytes does a great job of mitigating dodgy websites trying to deliver malicious downloads, redirects, and phishing attempts," said Luu. "I don't even need to click a button. It does it automatically."

Actionable data delivers benefits

One of the most valuable features for Dexion is the Malwarebytes dashboard. The team can see exactly what is attacking, where it came from, and threat trends. Data from the console is used to create training sessions and handouts that help employees learn to recognize current threats and avoid system compromises. Proactive education helps maximize IT resources because the team isn't frequently taken away from what they're doing to clean up malware.

Data is also valuable in helping Dexion meet the requirements of Australia's Privacy Amendment (Notifiable Data Breaches) Act of 2017. Beginning in February 2018, businesses, government agencies, nonprofits, and other organizations must take defined steps to secure personal information and report any breach of that data. If a breach occurs, the company must notify stakeholders and the Commissioner and advise how the breach occurred and was mitigated.

"Malwarebytes helps us avoid breaches and stay in compliance," said Luu. "With Malwarebytes, it's like I have a security analyst inside every user's computer at a fraction of the cost of hiring one. That's how I see it."

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Malwarebytes is a cybersecurity company that millions worldwide trust. Malwarebytes proactively protects people and businesses against malicious threats, including ransomware, that traditional antivirus solutions miss. The company's flagship product uses signature-less technologies to detect and stop a cyberattack before damage occurs. Learn more at www.malwarebytes.com.