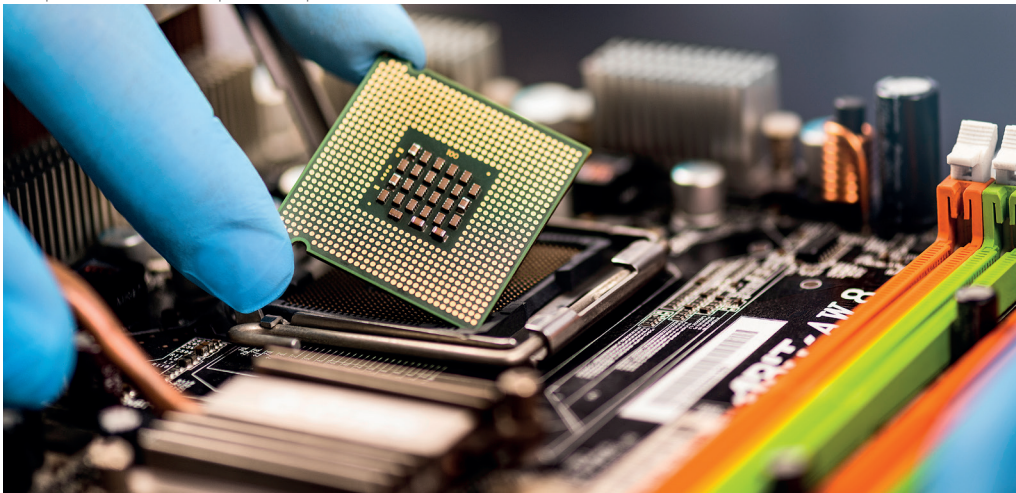# Momentive Technologies rolls out layered security infrastructure

High-end materials manufacturer successfully blocks malware attempts, increases patch compliance from 70 to 97 percent, and improves endpoint performance

THE CHALLENGE

It's rare for an IT organization to develop an enterprise-wide infrastructure from ground zero. That's what happened when Momentive Technologies, formerly a subsidiary of Momentive Performance Materials, was spun off as an independent manufacturer of advanced quartzite and ceramic products.

Like many businesses today, Momentive Technologies has identified cyberattacks as one of its biggest risks. Initially, the IT team used an interim endpoint security product while it evaluated other solutions. Ultimately, Momentive Technologies selected Bitdefender GravityZone Business Security Enterprise and GravityZone Patch Management.

Paul Raglow, Director, Global IT Infrastructure, Momentive Technologies, recalls, "Since we began with a greenfield scenario and were not bound by existing infrastructure, it was a huge opportunity to look far and wide and choose the best of the best cybersecurity solutions. GravityZone stood out with a layered endpoint security approach that included attack chain analysis and risk analytics. Bitdefender's strategic vision, corporate structure, and support organization also aligned well with our cybersecurity posture."

THE SOLUTION

Momentive Technologies uses GravityZone Business Security Enterprise to provide 700 endpoints with integrated endpoint detection and response (EDR), threat detection and prevention, and risk analytics. The endpoint environment includes Microsoft Windows workstations and servers, VMware hosts, and servers residing in Microsoft Azure. GravityZone's EDR capabilities continuously monitor the network to uncover suspicious activity and provide the tools needed to defend against cyberattacks.

Applications running on Momentive Technologies endpoints protected by GravityZone include Microsoft Active Directory, Microsoft Office 365, Microsoft SQL Server, SAP manufacturing and business systems, and SolidWorks.

In addition, Momentive Technologies relies on GravityZone Patch Management to automate patching of operating systems and applications.

"Deploying GravityZone was a breeze," says Raglow. "It was the first time in my career that I did not have to identify exclusions during an endpoint security installation. GravityZone worked for us out of the box with minimal configuration. We also had a 99 percent success installation rate across 700 endpoints, which is extremely high."

Momentive Technologies is an advanced materials company engaged in design and manufacture of ultra-performance quartz and ceramic products. The company's materials technologies enable high-quality processing and production in a wide range of applications in the semiconductor, photovoltaic, lighting, aerospace, water purification, pharmaceutical, consumer electronic, and telecommunication industries.

Industry
Advanced Materials Manufacturing

Headquarters
Strongsville, Ohio

Employees
720

Results
- 99 percent success rate during installation of 700 endpoints

- Successful blocking of intrusion attempts

- Patch compliance improved from 70 to 97 percent

- High endpoint performance

THE RESULTS

It didn't take long for GravityZone to deliver value to Momentive Technologies. During the installation, Bitdefender flagged and helped remove nearly 100 files with malware that had been residing on servers for years.

Raglow notes, "We were drawn to GravityZone's EDR capabilities because they monitor the processor at the endpoint and block encryption or other destructive operations. Not only does GravityZone scan for known threats but it looks for indicators of compromises before they have been identified as vulnerabilities."

Once, a user received a legitimate email from a trusted business partner. Because the partner's email system had been compromised with a worm, the email included an extra paragraph and an encrypted zip file advising the user to open the file and provide banking information to the finance team for payment. GravityZone locked the file, preventing Momentive Technologies from sending payment to a fraudulent site and exposing confidential banking information.

"We continue to get pelted with attempts to enter our infrastructure, but fortunately GravityZone has helped prevent any breaches," explains Raglow. "Occasionally, other security layers, such as DNS protection, have failed and Bitdefender has stepped in and prevented an attack. GravityZone has been a helpful blade in the Swiss army knife that is our security posture."

According to Raglow, high endpoint performance has been another advantage: "Over the years, I've seen many endpoint security tools impair computer usage, but we do not experience slowdowns with GravityZone. It's especially impressive because GravityZone is doing so much more to protect the environment."

Raglow adds, "GravityZone Patch Management has been a big win. We've increased our patch compliance from about 70 to 97 percent with GravityZone and it's been a huge time savings for our team. We now spend under an hour a month on patch management during normal working hours instead of six hours on a Saturday each month."

Reflecting on the partnership with Bitdefender, Raglow comments, "The few times we've needed customer support, Bitdefender has been responsive and resolved the issues quickly. Unlike other vendors that may disappear after installation, Bitdefender has been a visible and supportive partner."

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Paul Raglow, Director of Global IT Infrastructure, Momentive Technologies

Bitdefender Footprint
- GravityZone Business Security Enterprise

- GravityZone Patch Management

IT Environment
- Microsoft Active Directory

- Microsoft Azure

- Microsoft Office 365

- SAP

- SolidWorks

- VMware vSphere

Operating Systems
- Microsoft Windows