CYLANCE

Next-Generation **ANTIVIRUS** for the Healthcare Industry

Healthcare hardest hit by cyberattacks. The data-centric, connected world has opened previously inaccessible systems such as medical devices and electronic patient medical records to attack. Attackers can now more easily gain access to these systems and put patient health and personal information at risk. No other industry is hit harder by cyberattacks than healthcare.

CylancePROTECT®

CylancePROTECT is a next-generation antivirus product that redefines what antivirus can and should do for healthcare industry organizations by leveraging artificial intelligence to detect AND prevent malware from executing on every endpoint in real time. CylancePROTECT is 100 percent compliant with HIPAA/HITECH malicious software security standards and tested successfully with Microsoft's VB100 program.

The fundamentals of malware detection have remained the same for more than three decades. In the face of constant innovation from attackers, traditional antivirus vendors continue to focus on aging technologies that use signatures and post-attack behavior analysis to protect computers. A new approach is required.

Algorithmic science and machine learning are fundamentally shifting the equation, offering new ways to effectively identify, diagnose, categorize and control the execution of every file. Cylance® is leading this revolution with predictive and preventive products such as CylancePROTECT.

CylancePROTECT is a simple, lightweight agent that offers complete protection from system- and memory-based attacks, spear phishing, zero-day malware, privilege escalations, scripts and malicious and potentially unwanted programs, all without the high false positive rates, operational overhead and management complexity of other solutions. With CylancePROTECT, it's now possible to set and meet much higher standards for endpoint security. We stop the threats that others can't, and we do it without daily updates or requiring an Internet connection.

Cylance Professional Services

Complimenting Cylance's revolutionary technology product is a set of professional services that provide pre-attack penetration and vulnerability testing, compromise assessments and post-attack incident response. Cylance's expert professional services team blends deep experience with the healthcare industry and the company's leading technology to deliver an unrivaled level of service and protection. These healthcare industry-focused services are designed to provide total endpoint security, free up IT resources, consolidate security costs and prevent cyberattacks before they execute instead of just detecting them after they have already caused harm.

Case Study: Stop Chasing Threats AFTER the Damage is Done

The Situation

A US-based healthcare services and product provider with over 400 locations , 10,000 endpoints and 1.3 million patient records was routinely responding to malware outbreaks despite investing heavily in their cybersecurity infrastructure. By adopting a "detect and respond" approach, the company's IT department and security budgets were funneled into acquiring network-based detection products and chasing threats after the damage had already been done. The company could not risk losing patient data or being exposed to any regulation violations.

The Process

The company's CIO decided to focus on preventive endpoint malware detection as a fundamental shift in their approach to mitigating future risks. After comparing several next-generation endpoint security products, CylancePROTECT was brought in for a pilot program. After a successful Proof Of Concept (POC) with 250 endpoints, CylancePROTECT was deployed enterprise wide to augment their existing endpoint security technologies. Immediately, CylancePROTECT detected and blocked three types of custom designed malware specifically targeting their organization as well as hundreds of potentially unwanted programs that are routinely used to assist hackers in data exfiltration.

The Results

POC deployments of 30 days are common, but in this instance, the company moved forward with a full purchase of CylancePROTECT after just two weeks. The company also removed the traditional antivirus products from their endpoints. Next, the company engaged Cylance's Professional Services team to assist in the remediation and investigation of incidents stemming from the prior malware outbreaks. At the end of the engagement, the company had zero malware or PUP infections and had deployed CylancePROTECT to stop malware outbreaks before they executed.

Cylance Privacy Commitment

Cylance is committed to protecting your organization against advanced threats, which includes privacy disclosure. We do not publish the names of our case study partners for this reason.

Free Consultation

Want to see how CylancePROTECT and Cylance Professional Services will empower your organization in the fight against cyberattacks? Contact us today for a free consultation!

About Cylance:

Cylance is the first company to apply artificial intelligence, algorithmic science and machine learning to cybersecurity and improve the way companies, governments and end-users proactively solve the world's most difficult security problems. Using a breakthrough predictive analysis process, Cylance quickly and accurately identifies what is safe and what is a threat, not just what is in a blacklist or whitelist. By coupling sophisticated machine learning and artificial intelligence with a unique understanding of a hacker's mentality, Cylance provides the technology and services to be truly predictive and preventive against advanced threats. For more information, visit cylance.com

+1 (877) 973-3336
sales@cylance.com
www.cylance.com
18201 Von Karman, Ste. 700, Irvine, CA 92612

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