CYLANCE

Next-Generation **ANTIVIRUS**
for Critical Infrastructure

Critical infrastructure is a prime target. Over the past 25 years, critical infrastructure facilities have replaced analog controls with digital systems that give operators remote visibility and control, but these digital systems have made critical infrastructure a prime target for cybercriminals and other malicious actors, including foreign governments.

CylancePROTECT®

CylancePROTECT is a next-generation antivirus product that redefines what antivirus can and should do for critical infrastructure organizations by leveraging artificial intelligence to detect AND prevent malware from executing on every endpoint in real time.

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 critical infrastructure and the company's leading technology to deliver an unrivaled level of service and protection. These critical infrastructure-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: Regional Oil & Gas Company Protects Endpoints

The Situation

A U.S. regional oil and gas company with multiple offices and remote sites was looking for a solution that would be more effective than the traditional technology it had been using for several decades. It switched antivirus technology in 2011 in a bid to improve detection rates, but the new product failed to show significant advantages and resulted in excessive latency on many machines.

The Process

The firm responded to an ad which promised that Cylance's next-generation endpoint solution, CylancePROTECT, would have far higher efficacy in stopping malware and would not slow machines or otherwise hurt performance. The company started with a six-week Proof of Concept (POC) during which CylancePROTECT ran on a limited number of endpoints. CylancePROTECT was so successful in this initial pilot that halfway through the POC, the company chose to go ahead with an aggressive rollout, putting CylancePROTECT on all of their endpoints as quickly as possible.

The Results

The company continued to run its traditional antivirus product for about a month after deploying CylancePROTECT, but then pulled it off all systems after realizing a second solution was no longer needed. Seven months after deployment, the firm's director of information services reported that not even a single piece of malware had gotten past CylancePROTECT. The transition was seamless to the company's users, who were no longer interrupted by false positives and the other annoyances typically associated with deployment of a new security product.

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

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