Company Overview

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 an attacker's mentality, Cylance provides the technology and services to be truly predictive and preventive against advanced threats.

Company Overview

Cylance is transforming the cybersecurity market with proactive, preventive antivirus technology based on artificial intelligence, machine learning, and algorithmic science. Headquartered in Irvine, California and with offices around the world, Cylance was founded in June 2012 by a distinguished team of security industry professionals and scientists to redefine the endpoint standard of protection by preventing threats from ever executing. Cylance investor partners include DFJ Growth, KKR, Dell Ventures, Capital One Ventures, Blackstone Tactical Opportunities, TenEleven Ventures, ThomVest, Draper Nexus, Khosla Ventures, Fairhaven Capital, and Citi Ventures.

Using Math To Fight Malware: No Need for Signatures

Cylance's next-generation endpoint threat-prevention product, CylancePROTECT,® is the only technology that completely eliminates the need for traditional antivirus software, anti-exploit products, whitelisting solutions, and host-based intrusion detection and prevention systems. The transformational detection and blocking offered by CylancePROTECT is based on a radically different technological approach than the signature-based technology in legacy antivirus products.

Unlike reactionary signature, heuristics, and behavior monitoring, all of which require an Internet connection, Cylance applies artificial intelligence to analyze a file's characteristics and predict whether it's safe or a threat that should be prevented from running on the local host.

Simple, Lightweight, Hands-Off Endpoint Security

CylancePROTECT is delivered as 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. Cylance technology stops threats that others can't.

Cylance Consulting: Smarter Security — Faster Services

Cylance's expert consulting team has one goal in mind: secure Cylance clients as quickly as possible and maintain a higher level of security via prevention using artificial intelligence based technology. The team is comprised of industry-leading experts in all the most advanced security technologies for industrial control systems, enterprise security services, Internet of things (IoT)/embedded systems, incident response, compromise assessments, training, threat analysis, and threat elimination.

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