CYLANCE

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

Finance is an industry with many challenges. Maintaining cybersecurity shouldn't be one of them. Through working with several financial institutions over the years, Cylance® has developed a wealth of knowledge and operational experience in the finance industry. Cylance has worked with all types of financial companies, including investment firms, banks, federal agencies and more, gaining a strong understanding of the unique regulatory environment and customer requirements these companies face in a connected world.

CylancePROTECT®

CylancePROTECT is a next-generation antivirus product that redefines what antivirus can and should do for finance industry 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 the finance industry and the company's leading technology to deliver an unrivaled level of service and protection. These finance 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: Resources and Products Fail To Stop Executed Threats

The Situation

A $40 billion multi-national private equity, investment banking, alternative asset management and financial services corporation based in New York City had a team of resources and multiple products in place to detect and stop any executed threats. The problem, however, was they had no way of knowing if their systems had already been compromised by threats that might be either laying dormant, or occurred beyond the scope of the measures already in place. Additionally, each time a potential threat was detected, their solutions, which lacked "intelligence", required a vast amount of manual review by incident responders to determine whether or not a threat actually existed.

The Process

Cylance was asked to perform a full compromise assessment on all servers, desktops and laptops across 3,000 global hosts. Combining both its artificial intelligence technology and compact process, Cylance was able to extract insightful data in just a matter of days using a lightweight, agent-less system that reported meta data back to Cylance. With the data now outside the customer's environment, Cylance incident analysts aggregated and analyzed it for idiosyncrasies and abnormalities.

The Results

Using indicators that were gathered during data collection, Cylance's cybersecurity experts were able to dig into specific systems looking for precisely the threats that had not been found by the company's existing traditional antivirus solutions. Cylance discovered that penetration testers left tools and open vulnerabilities during a standard penetration test report performed by a third-party vendor six months earlier. It was also discovered that malware had been dropped on the company's systems over three years earlier and had gone completely undetected. Cylance removed the existing threats and deployed CylancePROTECT, guarding the company against future threats.

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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