CYLANCE

Corporate Fact Sheet

Cylance's Mission

Protect everyone under the sun. Cylance® wants organizations to no longer worry about cyberattacks, so the company is transforming security by coupling industry-leading expertise with technology that leverages artificial intelligence and machine learning to empower enterprises to protect their systems and people.

The Problem Cylance Solves

Today's advanced cyberthreats target every computer and mobile device, including enterprise endpoints, especially those that make up critical infrastructure like industrial control systems and embedded devices that control much of our physical world. The modern computing landscape consists of a complex array of physical, mobile, cloud, and virtual computing, creating a vast attack surface. Meanwhile, the cybersecurity industry is prolific with defense-in-depth security technologies, despite a threat landscape that remains highly dynamic, sophisticated, and automated.

Cylance, however, takes a different, innovative approach of using real-time, mathematical, and machine learning threat analysis to solve this problem for organizations, governments, and end-users worldwide — demonstrating its leadership as a global cybersecurity solutions provider.

Cylance's award-winning product, CylancePROTECT®, proactively prevents execution of advanced persistent threats and malware at the endpoint, enabling a level of security that far exceeds the effectiveness of current industry solutions. CylancePROTECT's simple, lightweight endpoint agent uses an artificial intelligence and machine learning based algorithm to analyze the DNA of files to determine if a file is good or bad, prior to it running. This process, which takes less than 100 milliseconds, or the blink of an eye, stops the threats others don't, without requiring an Internet connection or frequent updates, and while using a fraction of the system resources associated with legacy antivirus and endpoint security software.

Complementing CylancePROTECT is a wide range of consulting services that provide pre-attack penetration and vulnerability testing, compromise assessments, and post-attack incident response. Cylance specializes in securing critical infrastructure and key resources for education, energy, financial services, government, healthcare, heavy industry, oil, gas, retail, technology, banking, and other industries.

When asked what he thought about Cylance's products and consulting services, DFJ Growth's Co-founder and Partner, Mark Bailey stated, "Cyberattackers are relentless and highly adaptive in their efforts to overwhelm organizations. Cylance offers the biggest leap forward in endpoint protection since the original introduction of antivirus products roughly 25 years ago." Bailey went on to state, "Today's most advanced threats are highly targeted and engineered specifically to avoid detection by signature-based products. Cylance offers the easiest-to-deploy, next-generation solution to defend against these advanced threats. In conversations with numerous customers and distributors, we have been very impressed with the rave reviews of both the Cylance product and team. By using sophisticated machine learning models, Cylance helps customers prevent attacks from the most advanced cyberthreats."

Quick Facts

- Founded in 2012
- Over 800 employees
- Headquarters:
  Irvine, California, USA
- Contact: +1-877-973-3336

Cylance Team Expertise

- Advanced threats
- Artificial intelligence and machine learning in cybersecurity
- Large corporate breaches
- Privacy and risk assessment
- Securing the unsecurable: critical infrastructure and key resources
- Nation state attacks



Cylance History

Over a decade ago, Cylance's CEO and Founder, Stuart McClure, realized that cybersecurity requirements were accelerating faster than IT department resources. Detection and prevention technologies, skilled people, and processes were behind the curve. So, with a fundamental belief that prevention was possible, Stuart focused on understanding the mentality and tactics of the bad guys. In 1998, Stuart published the world's preeminent book on cybersecurity, *Hacking Exposed*. This book is a guiding authority empowering IT departments to protect themselves against hackers. In 2012, Stuart founded Cylance with Founder and Chief Scientist, Ryan Permeh, to reinvent the way companies, governments, and end-users proactively prevent advanced cyberthreats by applying artificial intelligence and machine learning to cybersecurity.

Back then, the tools and techniques Cylance uses didn't exist — or at least they weren't practical. The progress of algorithmic science and rise of big data analytic processing has enabled a revolutionary new approach to changing the foundation of how cyberattacks are identified and stopped. Artificial intelligence became the optimal choice to reduce the faults and missed analysis created by human involvement. Many other industries like insurance, financial services, and pharmaceuticals have already adopted math and machines to solve their challenges. Artificial intelligence and machine learning are also used in genome sequencing and many other real life applications.

Today, Cylance is one of the fastest-growing companies in the history of cybersecurity. Numerous enterprise clients, including several Fortune 100 organizations, have deployed Cylance products and services to protect their critical systems and every endpoint throughout their organizations. Cylance technology has been deployed on millions of endpoints worldwide, and the company has grown from a single office in Irvine, California with just a handful of employees to a company with a global presence and over 800 employees.

About Cylance

Cylance uses artificial intelligence to deliver prevention-first, predictive security products and specialized security services that change how organizations approach endpoint security. Cylance's security solutions provide full spectrum predictive threat prevention and visibility across the enterprise, combatting threats such as malware, ransomware, fileless malware, malicious scripts, weaponized docs, and other attack vectors. With AI based malware prevention, application and script control, memory protection, device policy enforcement, root cause analysis, threat hunting, automated threat detection and response, coupled with expert security services, Cylance can protect endpoints without increasing staff workload or costs.

Cylance and its leadership have been repeatedly recognized among the industry's best companies by CNBC, SC Magazine, CRN Magazine, and a number of other media sources.

Recent Press Coverage

The most up-to-date press coverage can be found on Cylance's website.

Funding

Cylance is a venture capital funded private corporation. To date Cylance has raised $177M across four rounds of funding led by Blackstone, Khosla Ventures, Fairhaven Capital, Dell Ventures, DFJ, KKR, Capital One Ventures, Ten Eleven Ventures, and several other firms.

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