CYLANCE™

CylancePROTECT®

"The fundamental flaw in today's cybersecurity infrastructure is that detection happens BEFORE prevention. Human-generated signatures, based primarily on previously discovered samples, have failed to solve the problem as zero-day malware continues to operate silently and unimpeded."

– Stuart McClure,
Cylance® Founder and CEO

Future-Proof Endpoint Security

CylancePROTECT redefines what antivirus (AV) can and should do for your organization by leveraging artificial intelligence to detect AND prevent malware from executing on your endpoints in real time.

By taking a mathematical approach to malware identification utilizing patent-pending, machine learning techniques instead of reactive signatures and sandboxes, CylancePROTECT renders new malware, viruses, bots, and unknown future variants useless.

Cylance® has developed the most accurate, efficient and effective solution for preventing advanced persistent threats and malware from executing on your organization's endpoints.

At the core of Cylance's unprecedented malware identification capability is a revolutionary machine learning research platform that harnesses the power of algorithmic science and artificial intelligence. It analyzes and classifies hundreds of thousands of characteristics per file, breaking them down to an atomic level to discern whether an object is good or bad in real time.

How It Works

CylancePROTECT's architecture consists of a small agent that integrates with existing software management systems or Cylance's own cloud console. The endpoint will detect and prevent malware through the use of tested mathematical models on the host, independent of a cloud or signatures. It is capable of detecting and quarantining malware in both open and isolated networks without the need for continual signature updates.

Defense requires applying the best protection at the most vulnerable locations — the endpoints. Cylance's mathematical approach stops the execution of harmful code regardless of having prior knowledge or employing an unknown obfuscation technique. No other anti-malware product compares to the accuracy, ease of management, and effectiveness of CylancePROTECT.

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.

Compatible with Microsoft Windows® and macOS® Sierra

CylancePROTECT is compatible with all current versions of Microsoft Windows and macOS. It reports into the same cloud-based console as your other enterprise systems.

Microsoft Windows (32-bit or 64-bit)	**macOS**
Windows XP SP3 Windows Vista Windows 7 Windows 8 and 8.1 Windows 10 Windows Server 2003 SP2 Windows Server 2008 / 2008 R2 Windows Server 2012 / 2012 R2 Windows Server 2016	OS X Mavericks OS X Yosemite OS X El Capitan macOS Sierra *Complements Apple's built-in XProtect
2GB Memory	2GB Memory
500MB Available Disk Space	500MB Available Disk Space
Requires: 1. Microsoft .NET Framework 3.5 SP1 2. Internet browser 3. Internet connection to register product 4. Local admin rights to install software	Requires: 1. Internet browser 2. Internet connection to register product 3. Local admin rights to install software

Cylance Consulting

Cylance Consulting complements CylancePROTECT in empowering corporate IT to better protect their organization and reduce the attack surface. Vulnerability and penetration testing establish a baseline security posture. A compromise assessment determines the who, what, when, and how of a successful attack and provides best practices for remediation. Our incident response and customized services fix problems much faster and in a less intrusive manner than alternative approaches. Alert management and whitelisting services help IT organizations achieve a higher degree of security WITHOUT the hassle of continuous management overhead, productivity impact on users, and the mistakes that can be made when pressed to quickly make decisions about the safety of applications.

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