CYREN

Malware **Detection Engine**

Supercharging Detection of Advanced Threats

Security is a growing concern across all industries and malware is constantly evolving to become more evasive and harmful. Your organization is competing in a tough market and needs to enhance its products, services and solutions. Options for adding value are limited, due to requirements for high-performance and data privacy.

RISE ABOVE WITH CYREN MALWARE DETECTION ENGINE

Cyren's Malware Detection Engine is the best choice for hardware vendors, software vendors, and service providers looking to add value to their solutions, combining superior detection with maximum performance.

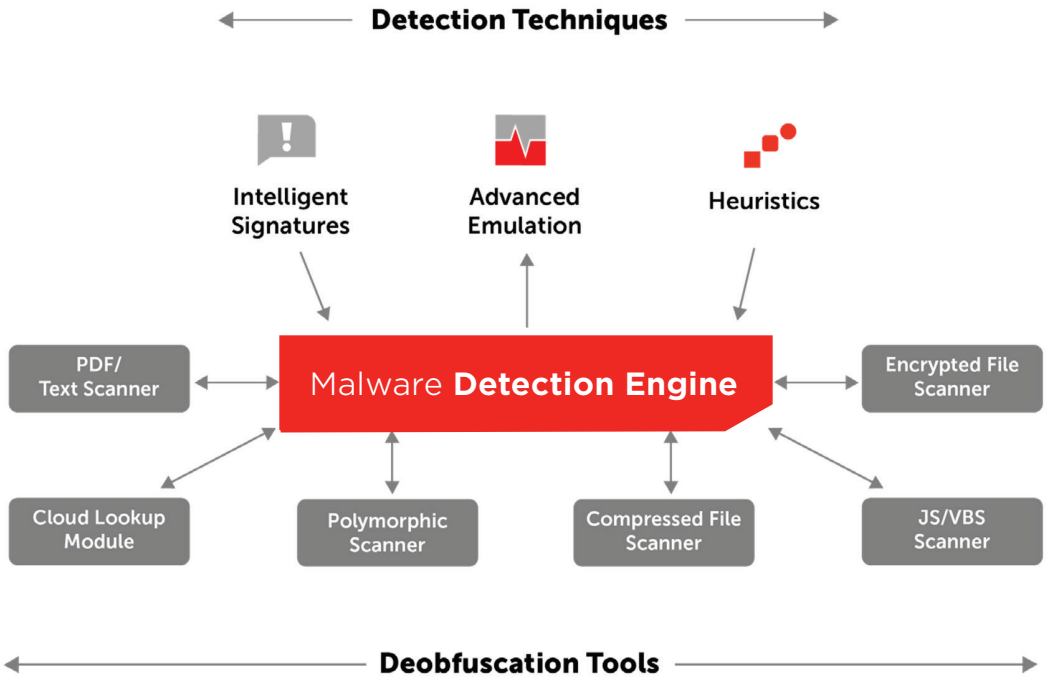
By employing several advanced micro scanners (deobfuscation tools), Cyren's Malware Detection Engine offers multi-layered cross-platform detection, modular architecture, and multi-platform support. Maximum protection with zero latency is ensured through frequent detection logic updates from Cyren Threat Labs, as often as forty times per day.

Advantages of

Cyren Malware Detection Engine

- Focused on the latest outbreaks
- Optimized for offline environments
- Cross-platform threat detection
- Fast and frequent updates

Cyren Malware Detection Engine's fast and accurate detection is the result of heuristic analysis, advanced emulation, and intelligent signatures.



Use cases

INCREASE THE VALUE OF THE SOLUTIONS AND SERVICES YOUR COMPANY PROVIDES.

Stay ahead of rival solutions and help customers to secure their users and data with built-in anti-malware capabilities. Pick from a variety of integration options that best fits your scenarios, ranging from microservice deployment at scale or remaining in full control using our comprehensive anti-malware SDK.

PROTECT YOUR OWN COMPANY ENVIRONMENT AND DATA

Integrate anti-malware for your storage solutions, company intranet or collaboration platforms to add security for your business data. Enhance an existing security solution with an additional anti-malware engine, adding an extra layer to bolster protection against all types of malware.

Feature Summary

FOCUSED ON THE LATEST OUTBREAKS

With new malware files being consistently shared via email, instant communication, and file-sharing platforms, it is critical to ensure that your product can protect user-trust by ensuring a safe environment to communicate and collaborate. With email being the primary threat vector responsible for more than 90% of breaches, information about the latest outbreaks can be gathered by analyzing email traffic. By monitoring billions of emails daily and leveraging multiple detection techniques including intelligent signatures, advanced emulation, and heuristics, Cyren analyzes and correlates email-based threats with those found in web traffic and suspicious files allowing for comprehensive protection against new outbreaks.

OPTIMIZED FOR OFFLINE ENVIRONMENTS

Many organizations require solutions to operate offline without limitations. Cyren Malware Detection Engine is not dependent on internet connection and detection updates can be delivered through alternative means using a standalone updater.

CROSS-PLATFORM THREAT DETECTION

While the Malware Detection Engine supports Windows, Linux and BSD, the scanner is capable of detecting malware across all platforms, including mobile malware and threats targeting macOS.

HIGH-SPEED ADVANCED EMULATION

Built on decades of innovation, Cyren's Malware Detection Engine has the ability to emulate both applications and scripts and thus identify malware through behavior recognition. This defeats payload masking techniques such as packing and obfuscation, as the high-speed emulation technology can move past the masking and determine the actual behavior hidden within.

Integration Options

- **Supported Platforms**
  Runs on Windows, Linux and FreeBSD
- **Supported File Types**
  Full support for all types capable of containing any malware type, including most archive types in existence
- **SDK Library and Documentation**
  For full control and flexibility of integration
- **Service / Daemon**
  Turnkey application for easy integration and automatic updates; ideal for microservice scenarios

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