

## Hybrid Analyzer

FAST, SCALABLE FILE ANALYSIS

Security teams struggle to detect new malware threats and quickly gather insights to triage alerts. Traditional anti-malware engines are fast and scalable, but only identify known bad files. Sandboxes provide exhaustive analysis of suspicious files, but they are notoriously expensive and slow.

Cyren **Hybrid Analyzer** produces detailed analysis of file structure and behaviors at high speed and massive scale so service providers, cybersecurity vendors, and enterprises can cost-effectively lower the risk of undetected malware. **Detect more threats. Make better decisions. Reduce costs.**

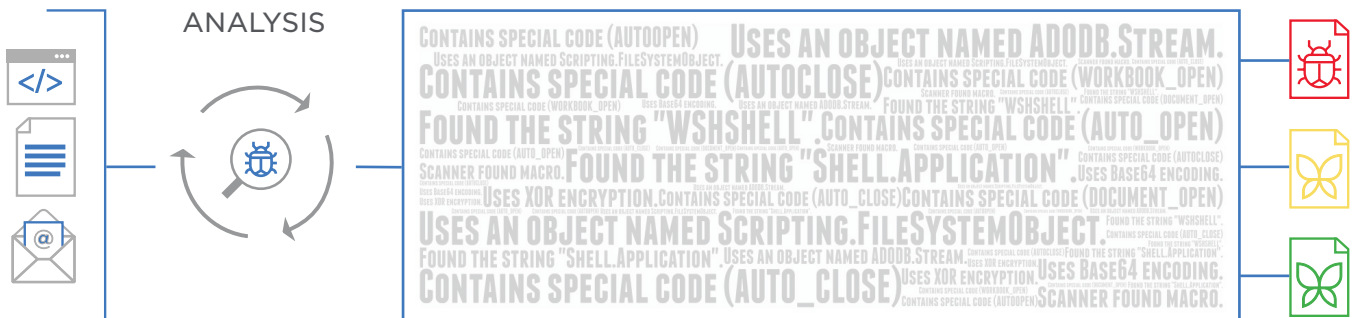
### ADVANTAGES OF Hybrid Analyzer

- Rapid extraction of file structure and behaviors
- Advanced emulation
- 100 times faster than a sandbox
- Easy, flexible integration

### DEEP AND COMPLETE ANALYSIS WITH HYBRID ANALYZER

**Hybrid Analyzer** bridges the gap between anti-malware detection and sandbox detonation by pushing the limits of emulation - delivering the ability to emulate many functions across many platforms. An innovation resulting from Cyren's decades of experience building hyper-fast and scalable malware detection engines, Hybrid Analyzer combines our high-speed emulation technology with proven static analysis methods to provide actionable intelligence for each file.

**Hybrid Analyzer** produces valuable behavioral and structural details, indicators of compromise (IOCs), and impact ratings to enable real-time security decisions and granular policies. It automatically defeats evasion and obfuscation techniques to accurately and deeply analyze the entire file - in fractions of a second, not minutes.



Equally suited for connected and air-gapped environments, Cyren Hybrid Analyzer does not rely on data sharing or cloud connectivity to operate. It comes with multi-platform support and flexible integration options, and is extremely light and portable.

## ADVANTAGES OF HYBRID ANALYZER

- **Analyzes a File in Milliseconds**  
Not a sandbox, Hybrid Analyzer uses proprietary emulation technology developed over decades to inspect full file contents at speeds and throughput required by service providers.
- **Actionable Intelligence**  
Hybrid Analyzer is capable of recognizing over 1,100 relevant file indicators and attributes.
- **Severity Ratings**  
Each file behavior or attribute is rated for risk and severity factors. Ratings algorithms were developed using analysis of 3 billion verified malicious and known clean files.
- **Light and Portable**  
Optimized for embedded environments, Cyren Hybrid Analyzer operates in real-time using a minimal memory and CPU footprint. It includes multiple integration options and platform support.
- **Preserves Privacy**  
Never compromise performance or privacy; Cyren Hybrid Analyzer offers full performance without uploading files to Cyren clouds.

## INTEGRATION AND PLATFORM SUPPORT

- **Supported Platforms**  
Runs on Windows, Linux, and FreeBSD
- **Supported File Types**  
Analyzes files for Windows, Mac, Android like Office, PDF, HTML, JavaScript, archive, and more
- **SDK Library**  
For full control and flexibility of integration
- **Service / Daemon**  
Turnkey application for easy integration and automatic updates

