M86™ SECURITY

Real-time Code Analysis Technology
## Protects Against the New Cybercrime Wave

Motivated by financial gain, cybercriminals target blind spots in traditional Web security systems to ensure successful attacks. They compromise legitimate websites, knowing that signature- and database-reliant technologies alone do not protect against obfuscated malicious code, dynamic or Web 2.0-based attacks.

M86 Security's patented Real-time Code Analysis Technology removes these blind spots by scanning every piece of incoming and outgoing Web content communicated over HTTP and HTTPS. It analyzes content in real-time, regardless of its origin and without signature matching. As a result, crimeware and other malicious content is detected and blocked before entering the corporate network—even when hiding in encrypted SSL traffic. M86's Real-time Code Analysis technology is highly effective in identifying and blocking unknown, dynamic, and emerging rich Web threats.
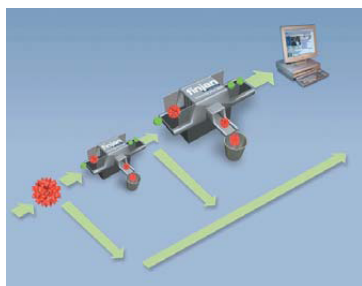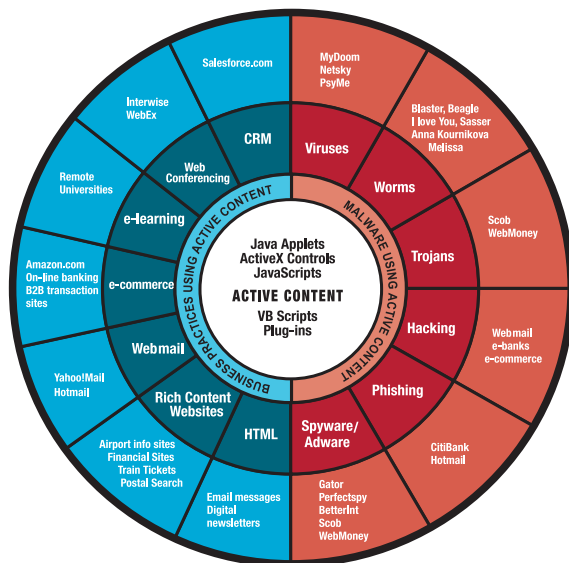
Two-Step Scanning for Enhanced Performance

Viruses, Trojans, Worms and Spyware operate at Layers 7 and above (Layer 8). M86 offers the only solution that blocks complex attacks at these levels and delivers best defense against unknown Viruses, Worms, Trojans and Spyware.
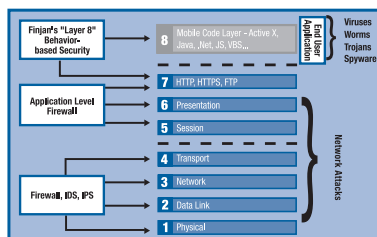

SOLUTION HIGHLIGHTS

- Detects and prevents crimeware and Web 2.0 attacks despite the advanced propagation techniques and anti-forensic methods (code obfuscating, evasive attacks, random files names and URLs) being used
- Analyzes every piece of incoming and outgoing Web content in real time, regardless of its originating URL and without signature matching
- Deep code analysis and true-type detection reveal malicious combinations of individually innocent functions
- Inspects all inbound and outbound content, including HTTP/HTTPS content
- Transparent handling of Web traffic reduces transmission costs and downloading time
- Wizard-driven security policy decision-making system with a single-click rules refinement enhancement
- Integrated dashboard provides instant information on the system's performance and its risk level. Uses an extensive set of graphs and views for quick and accurate insight
- Supports Cisco WCCPv2 to ensure interoperability with various Cisco systems
- External reporting and logging system provides a flexible and scalable data analysis platform for internal use, audits, and compliance requirements
- Assistance in complying with regulations such as SOX, HIPAA, FISMA, GLBA and PCI DSS
- For increased Web 2.0 and productivity control, URL filtering engines from IBM Proventia Web filtering and Websense are available as an extra option

technology powered by: **finjan** Vital Security
securing your web

THE BUSINESS IMPACT OF CRIMEWARE

Organizations are becoming more dependent on the Web for online business applications, access to information, and communication with the public. This offers cybercriminals several opportunities to inject and propagate malicious code invisibly. Enterprises, corporations, organizations and governmental agencies realize they need to adopt a security strategy that protects their network systems and data from malicious content.

Professional hackers use sophisticated crimeware to evade signature- and database-reliant security tools. More enterprises realize that real-time code analysis is needed to face today's sophisticated Web threats.

Unveiling the Cybercrime "Food Chain"

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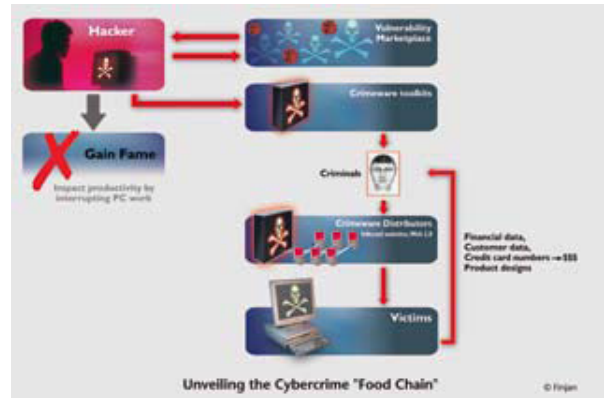
M86 REAL-TIME CODE ANALYSIS TECHNOLOGY

M86 Vital Web Security Suite™ with real-time code analysis technology achieves the highest rate of malicious code prevention. The company's Secure Web Gateway solution analyzes all Web content in real time, regardless of its original source, and understands its potential effects before it can execute. By understanding the true intent of Web content, M86's real-time code analysis technology detects and prevents crimeware despite the propagation techniques and anti-forensics methods in use. This prevents any malicious Web content from entering or exiting the corporate network, thus protecting enterprises from crimeware that could cause severe business damage.

ABOUT M86 SECURITY

M86 Security is the global expert in real-time threat protection and the industry's leading Secure Web Gateway provider. The company's appliance, software, and Software as a Service (SaaS) solutions for Web and email security protect more than 24,000 customers and over 17 million users worldwide. M86 products use patented real-time code analysis and behavior-based malware detection technologies as well as threat intelligence from M86 Security Labs to protect networks against new and advance threats, secure confidential information, and ensure regulatory compliance. The company is based in Orange, California with international headquarters in London and development centers in California, Israel, and New Zealand. For more information about M86 Security, please visit www.m86security.com.
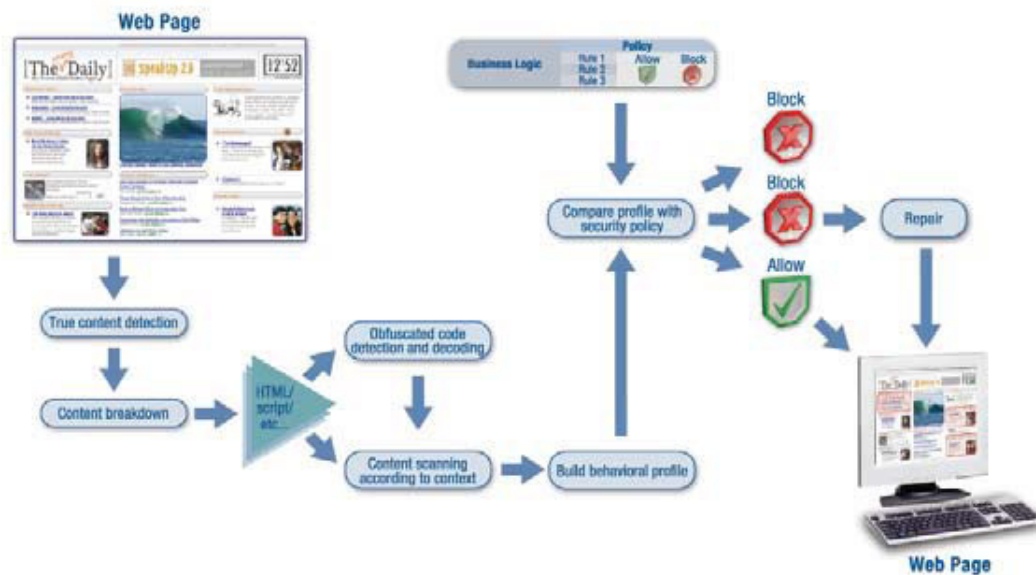
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