



Defending Against Advanced Targeted Attacks

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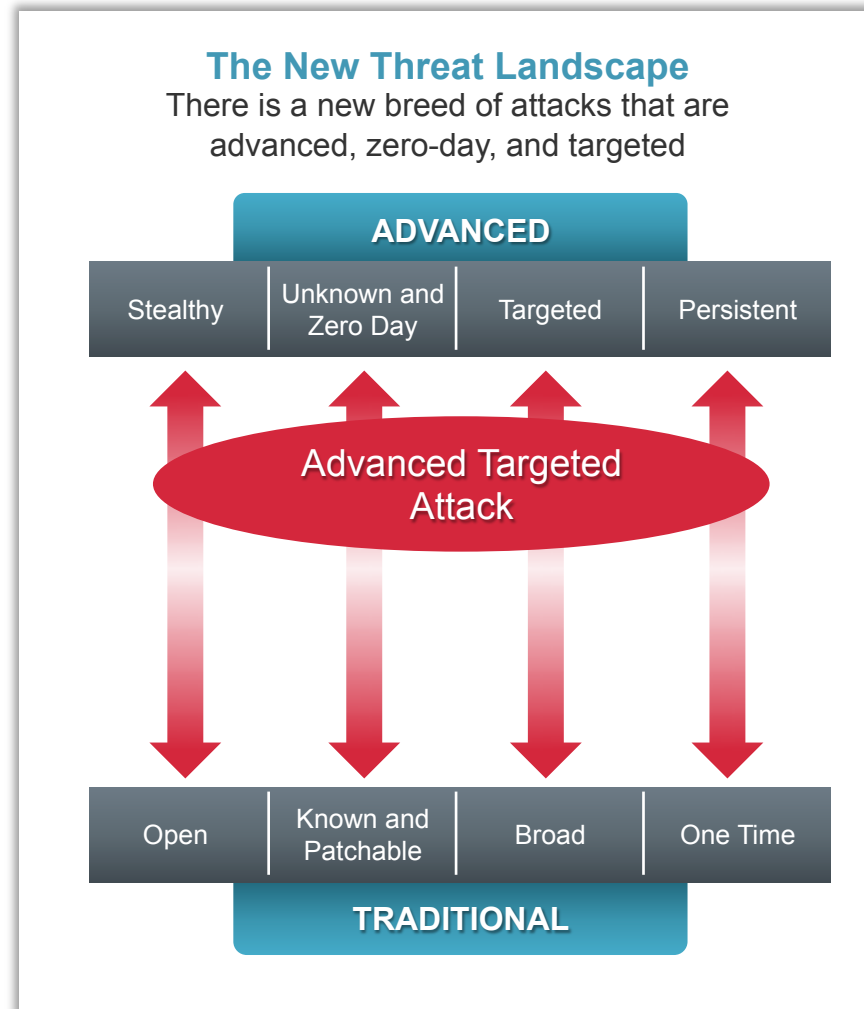
Company Overview

- Founded 2004, based in California
- 5 years engineering development
- Multiple patents awarded
- The leader in stopping advanced targeted attacks
- One of the fastest growing enterprise technology companies in the world



Defining Advanced Targeted Attacks

- Utilizes advanced techniques and/or malware
 - Unknown
 - Targeted
 - Polymorphic
 - Dynamic
 - Personalized
- Uses zero-day exploits, commercial quality toolkits, and social engineering
- Often targets IP, credentials and often spreads laterally throughout network
- AKA—Advanced Persistent Threat (APT)



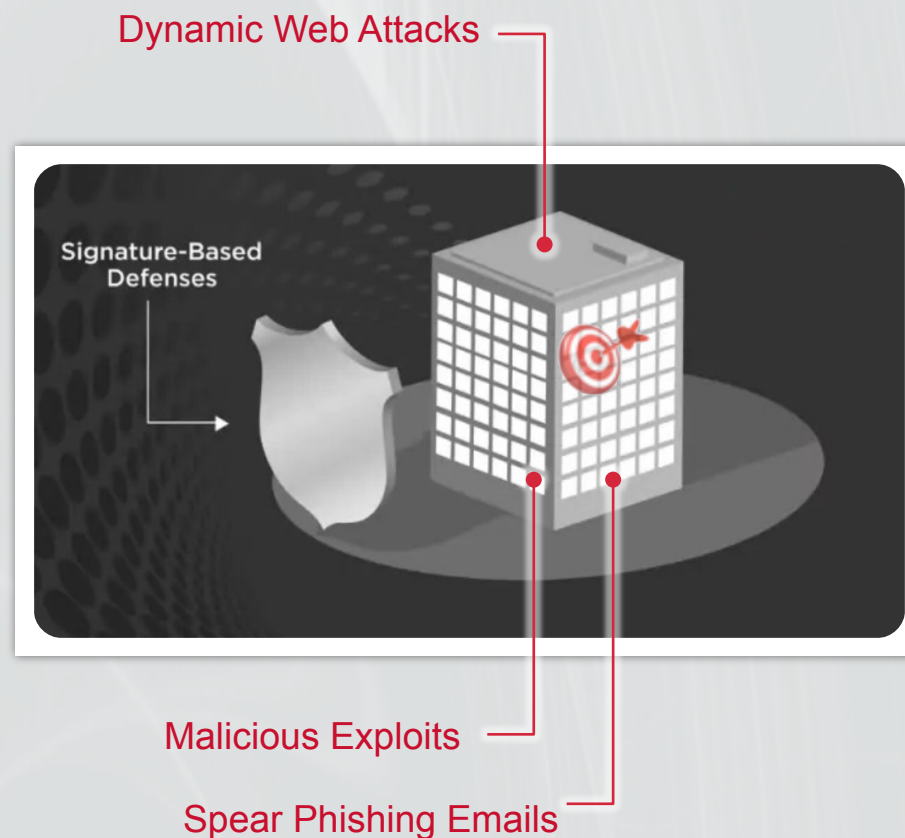
Attacks Increasingly Sophisticated

Multi-Vector

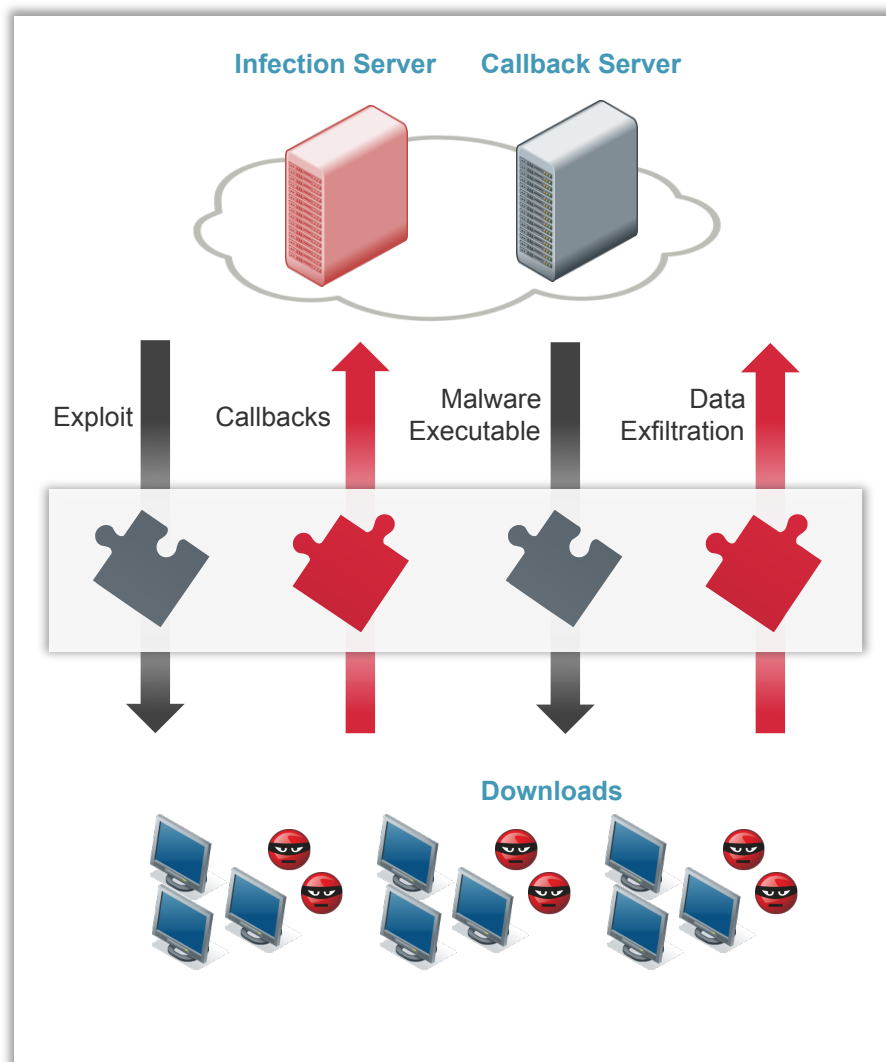
- Delivered via Web or email
- Blended attacks with email containing malicious URLs
- Uses application/OS exploits

Multi-Stage

- Initial exploit stage followed by malware executable download, callbacks and exfiltration
- Lateral movement to infect other network assets

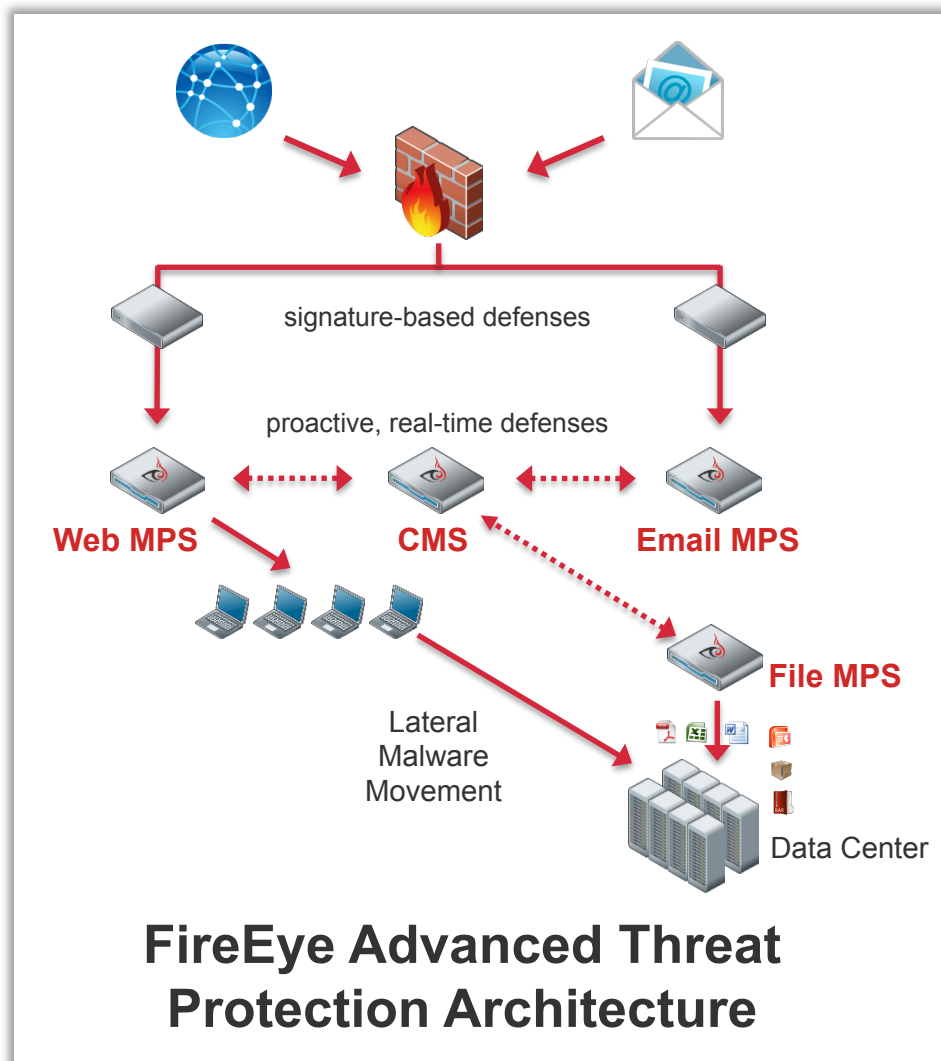


Multi-Flow, Stateful Web Attack Analysis



- FireEye uses multi-flow analysis to understand the full context of an advanced attack
- Stateful attack analysis enables customers to see the entire attack lifecycle
- Point products only focus on a single attack object (e.g., malware executable), thereby missing the attack and full lifecycle view

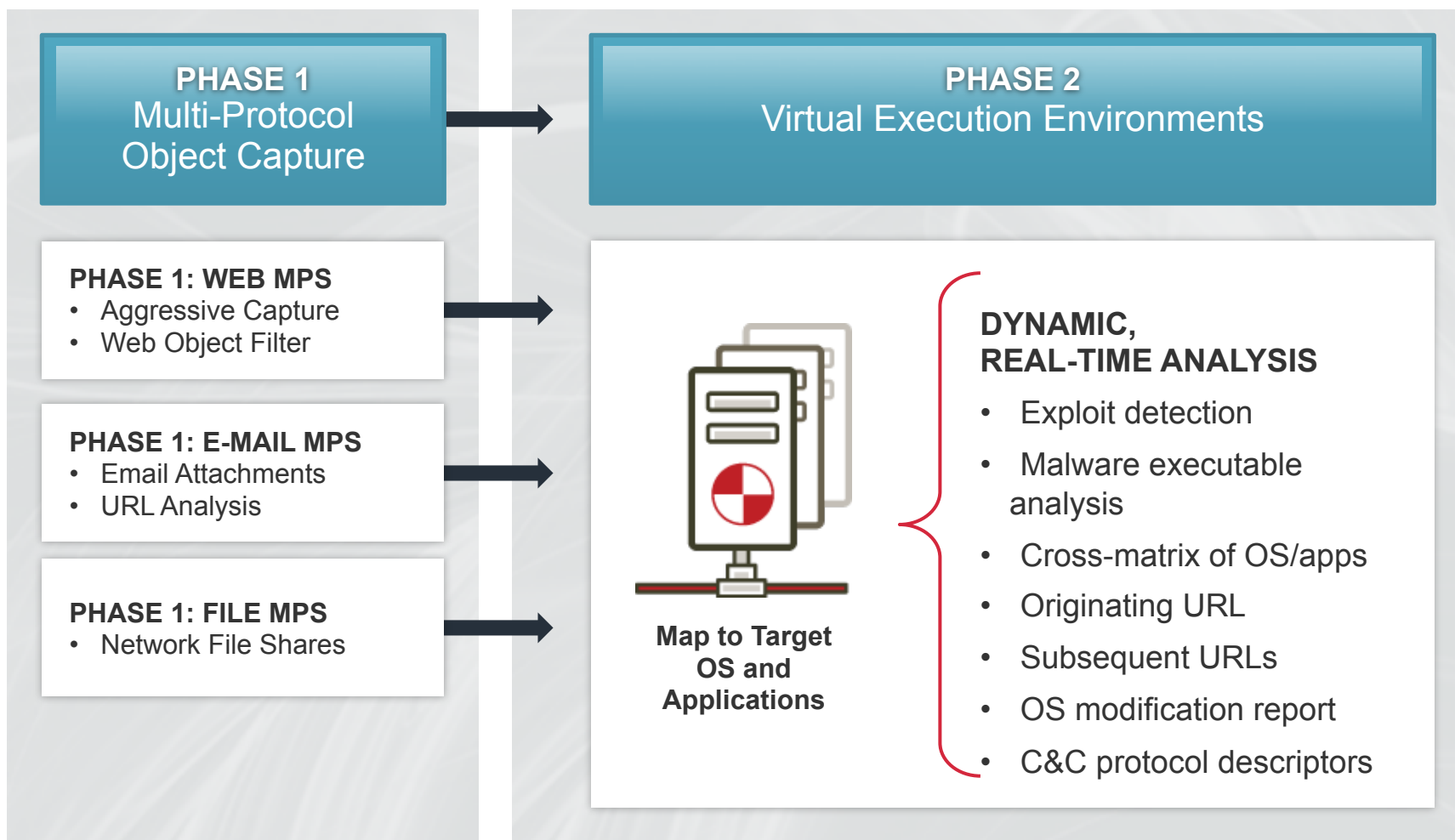
Protecting Against Advanced Targeted Attacks



- Inline blocking and quarantine available across MPS portfolio
 - Block inbound zero-day Web attacks
 - Multi-protocol blocking of callbacks
 - Quarantine of malicious zero-day emails
 - Quarantine of malicious zero-day files
- Mitigates risk of data exfiltration
- Provides highly actionable information for timely incident response



Multi-Protocol, Real-Time VX Engine



Summary

- Pace of advanced targeted attacks is accelerating, affecting all verticals and all segments
- Traditional defenses (NGFW, IPS, AV, and gateways) no longer stop these attacks
- Real-time, integrated signature-less solution is required across Web, email and file attack vectors
- FireEye has engineered the most advanced threat protection to supplement traditional defenses and stop advanced targeted attacks

For more information:
www.fireeye.com

Complete Protection Against Advanced Targeted Attacks

