SECURITY 2015

23. ročník konference o bezpečnosti v ICT



Designing an Adaptive Defense Security Architecture

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Designing an Adaptive Security Architecture

Key Challanges

- Existing blocking and prevention capabilities are insufficient to protect against motivated, advanced attackers.
- Most organizations continue to overly invest in prevention-only strategies.
- Limited visibility in advanced attacks.
- Because enterprise systems are under continuous attack and are continuously compromised, an ad hoc approach to "incident response" is the wrong mindset.

Source: Gartner's Report, Designing an Adaptive Security Architecture.

Available at https://www2.fireeye.com/GTM_ADV_RPT_Gartner-Designing-an-Adaptive-Security-Architecture.html



Designing an Adaptive Security Architecture

Recommandations

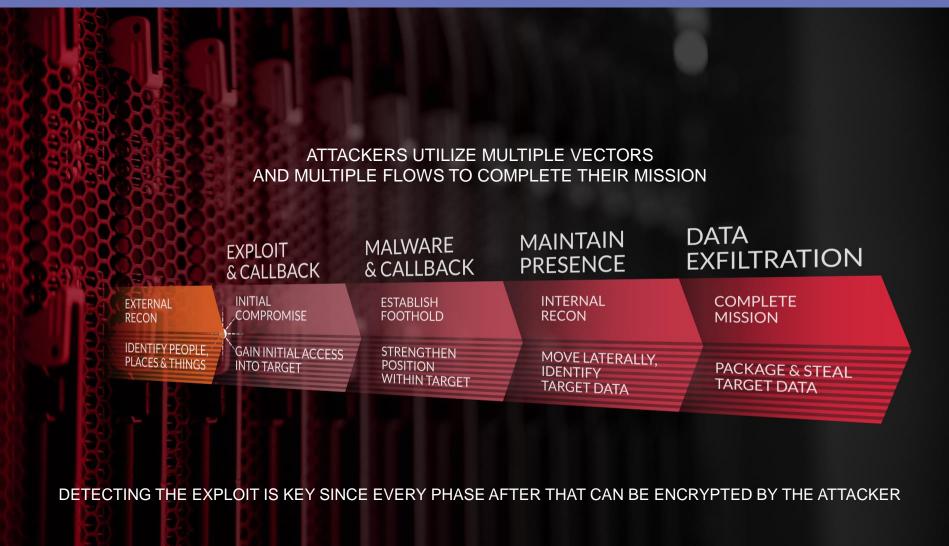
- Shift from "Incident response" to "Continuous response".
- Adopt an adaptive security architecture.
- Spend less on prevention; invest in detection, response and predictive capabilities.
- Develop a security operations center that supports continuous monitoring.

Source: Gartner's Report, Designing an Adaptive Security Architecture.

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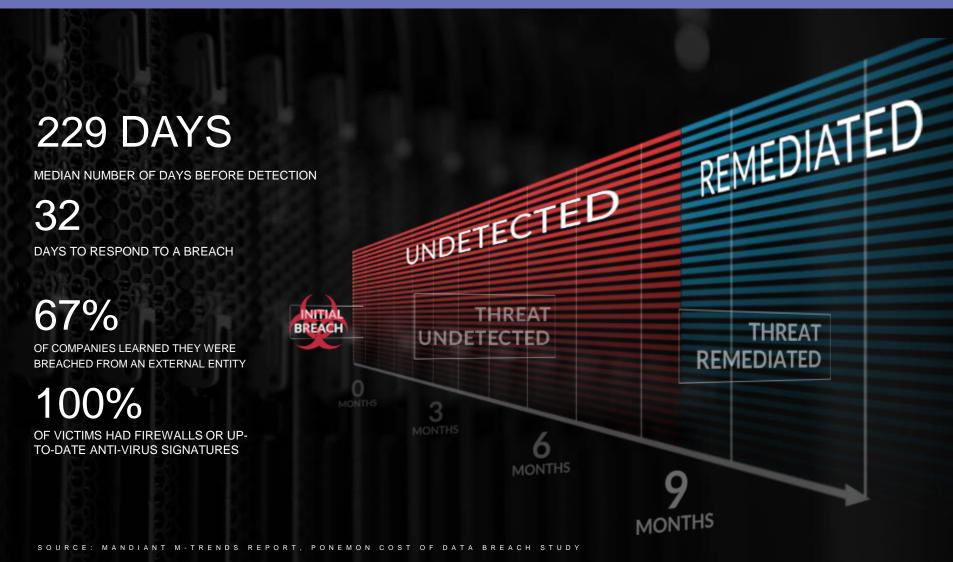
UNRESTANDING THE ATTACK



ABOUT THE ADVERSARY





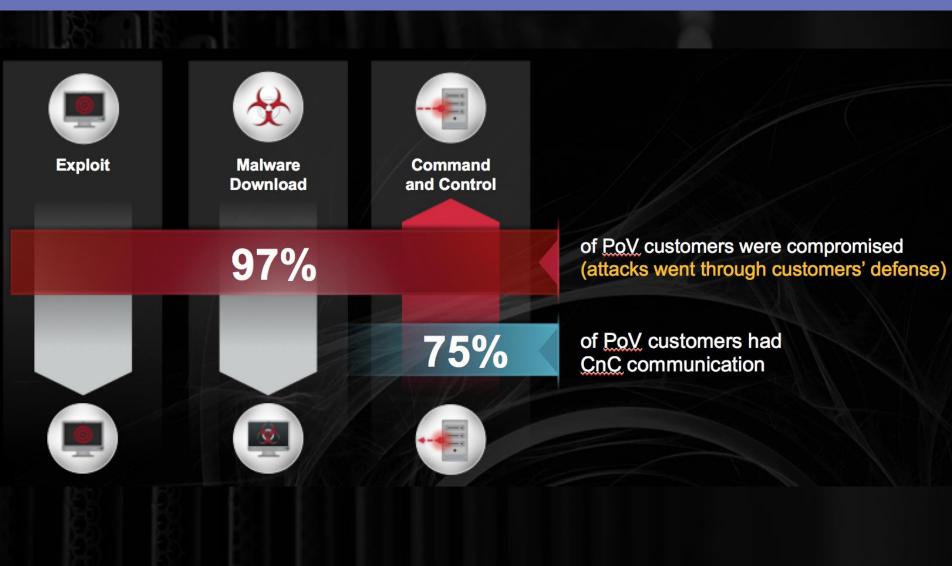






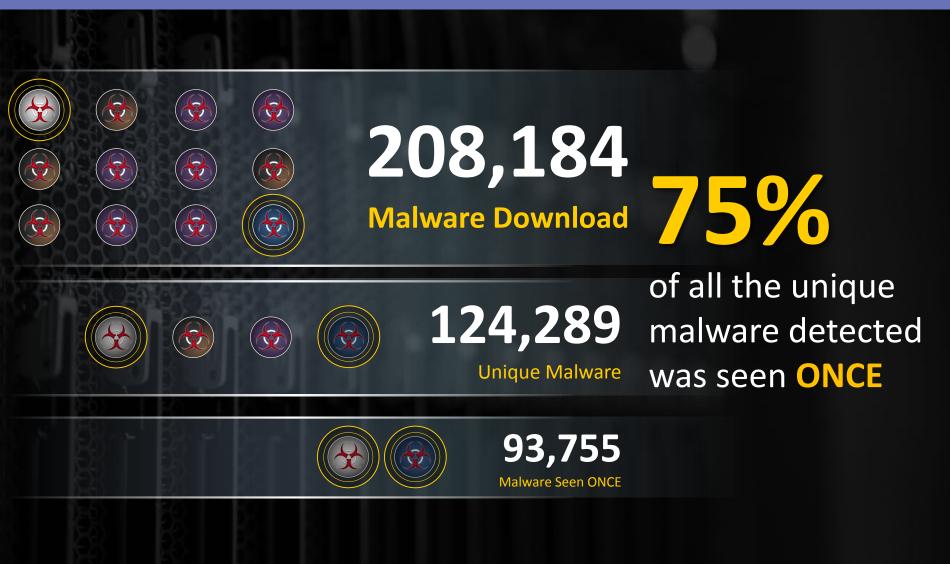




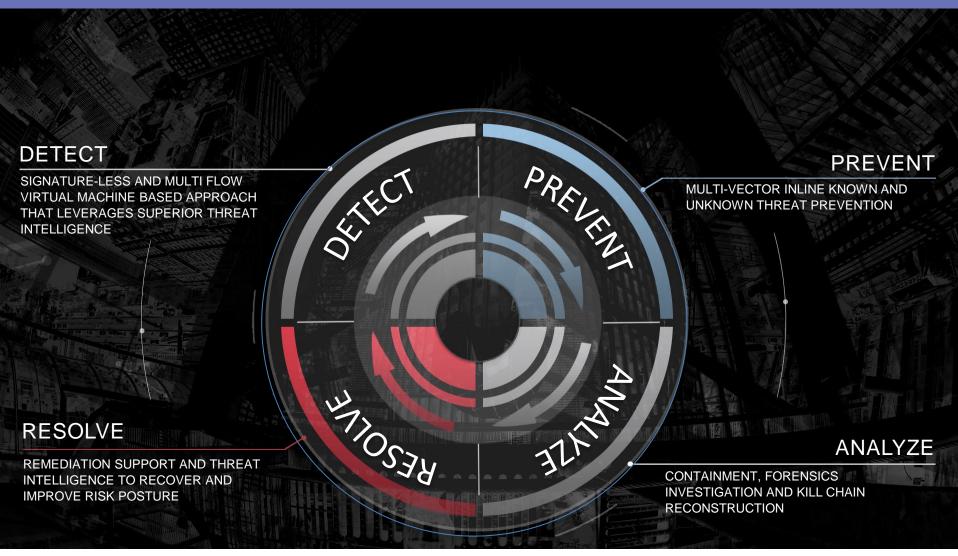




Today's Malware is Highly Targeted

















ENDPOINT SECURITY ARCHITECTURE MUST BE AGILE, FLEXIBLE, AND DEEPLY INTEGRATED.

ADAPTIVE DEFENSE



DETECT AND PREVENT

- Advanced Threat Detection (Signature-Less, Tamper resistant)
- Threat Prevention Across All Endpoints



ANALYZE AND RESPOND

- Threat Intel (Network, Cloud)
- Endpoint Live Response (Validate, Contain, Search, Sweep)

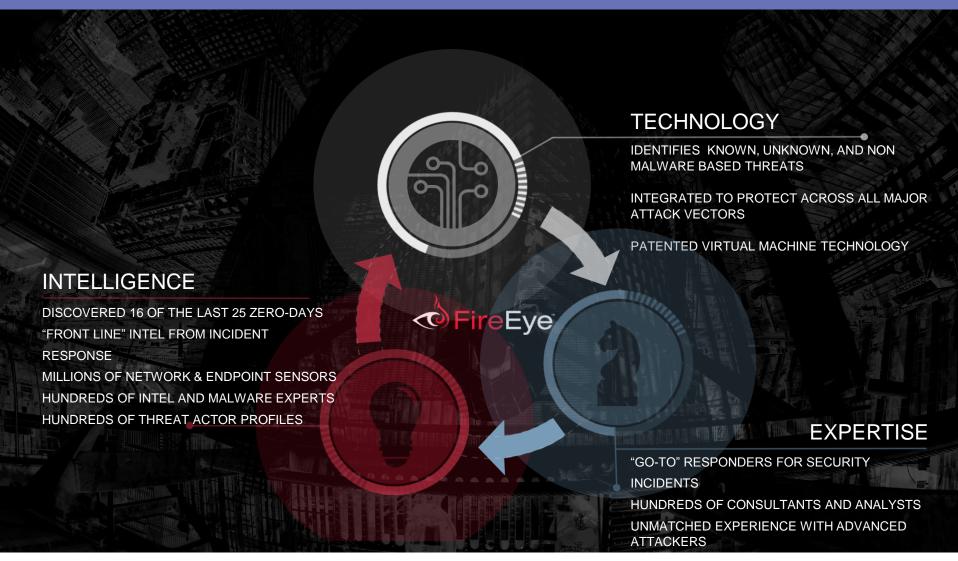
NEXT GENERATION ENDPOINT SOLUTION REQUIREMENTS

- DETECTION TO RESPONSE: detection, validation, containment, and remediation
- PROACTIVE AND ADAPTIVE: searching, sweeping, and advanced detection of unknown threats
- COMPREHENSIVE ENDPOINTS: on premise, remote and Mobile endpoints
- REAL-TIME INTELLIGENCE: real-time intelligence feeds from cloud and network alerts

DETECTION AND PREVENTION - INTELLIGENCE & EXPERTISE









Děkujeme za pozornost.

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