크라우드스트라이크 차세대 백신

CROWDSTRIKE FALCON PREVENT

부성현 기술이사 / GREM CISSP CISA

CROWDSTRIKE KOREA

WE STOP BREACHES

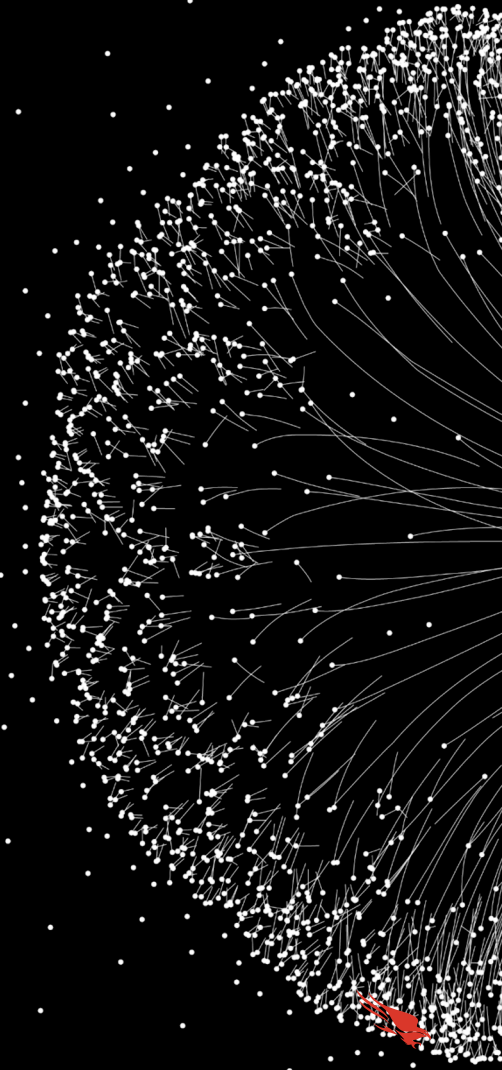
CROWDSTRIKE

THREAT GRAPH
자동화 헌팅 엔진 HUNTING ENGINE

135 MILLION
IOA DECISIONS/MIN

7 TRILLION
EVENTS/WEEK

170+
ADVERSARIES TRACKED



CROWDSTRIKE

THREAT GRAPH

자동화 헌팅 엔진 HUNTING ENGINE

135 MILLION
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170+
ADVERSARIES TRACKED

ENRICHED DATA

ACTIONABLE INSIGHTS

ANALYZED DATA

90,000

POTENTIAL BREACHES STOPPED

CROWDSTRIKE

SINGLE LIGHTWEIGHT AGENT

단일 경량화 센서 ML BASED NEXT GEN

- 알려지거나 알려지지 않은 공격 방어
- 0 days 취약점 방어
- AI/ML 차세대 엔진
- IOA 행위 기반 탐지/대응
- 오프라인 엔드포인트 보호
- NO SIG / NO SCAN
- High Performance

THE POWER
OF ONE

SINGLE LIGHTWEIGHT AGENT
단일 경량화 센서 ML BASED NEXT GEN

차별화된 차세대 백신

- 하루에도 여러 번 업데이트가 되는 레거시 백신과는 다르게 차세대 백신은 시그니쳐 없이 머신러닝 알고리즘으로 탐지하기 때문에 업데이트 스톰이 없음
- 최신 업데이트가 되어야 최상의 탐지율을 제공하는 레거시 백신과는 다르게 차세대 백신은 일관된 최상의 탐지율을 제공

A PROVEN SECURITY LEADER
엔드포인트 프로텍션 부문 글로벌 리더

Gartner® Magic Quadrant™ for
Endpoint Protection Platforms, May 2021

Gartner peerinsights customers' choice 2021™

Endpoint Protection Platforms

Gartner peerinsights customers' choice 2020™

Endpoint Detection and Response Solutions

Gartner Magic Quadrant for Endpoint Protection Platforms,Paul Webber, Peter Firstbrook, Rob Smith, Mark Harris, Prateek Bhajanka,5th May 2021
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CROWDSTRIKE

A PROVEN SECURITY LEADER
엔드포인트 프로텍션 부문 글로벌 리더

Leader In

Gartner • FORRESTER® • IDC

Validated

MITRE • AV comparatives • SE Labs

Compliance & Certifications

Privacy Shield Framework · FedRAMP · PCI · aws competency · amtso · FIEC · Cyber Essentials Certified · CCN · STAR Level Two · CREST

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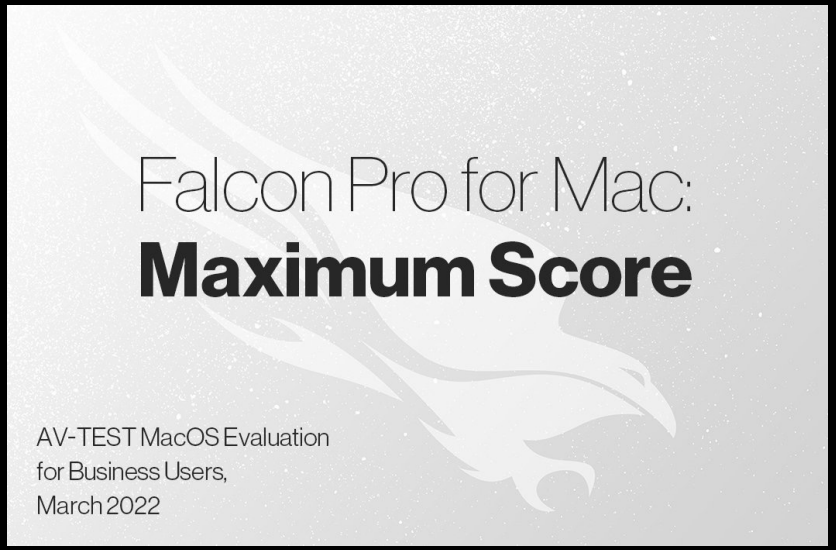
2022 AV-TEST MACOS 평가에서 최고 점수 달성



CrowdStrike는 2022년 3월 기업 사용자를 위한 AV-TEST MacOS **평가**에 참여한 벤더 중 오탐율 제로와 더불어 보호, 성능 및 사용성에서 **가장 높은 점수**를 얻은 **유일한 벤더**

CROWDSTRIKE

NEXT-GEN AV
FALCON PREVENT

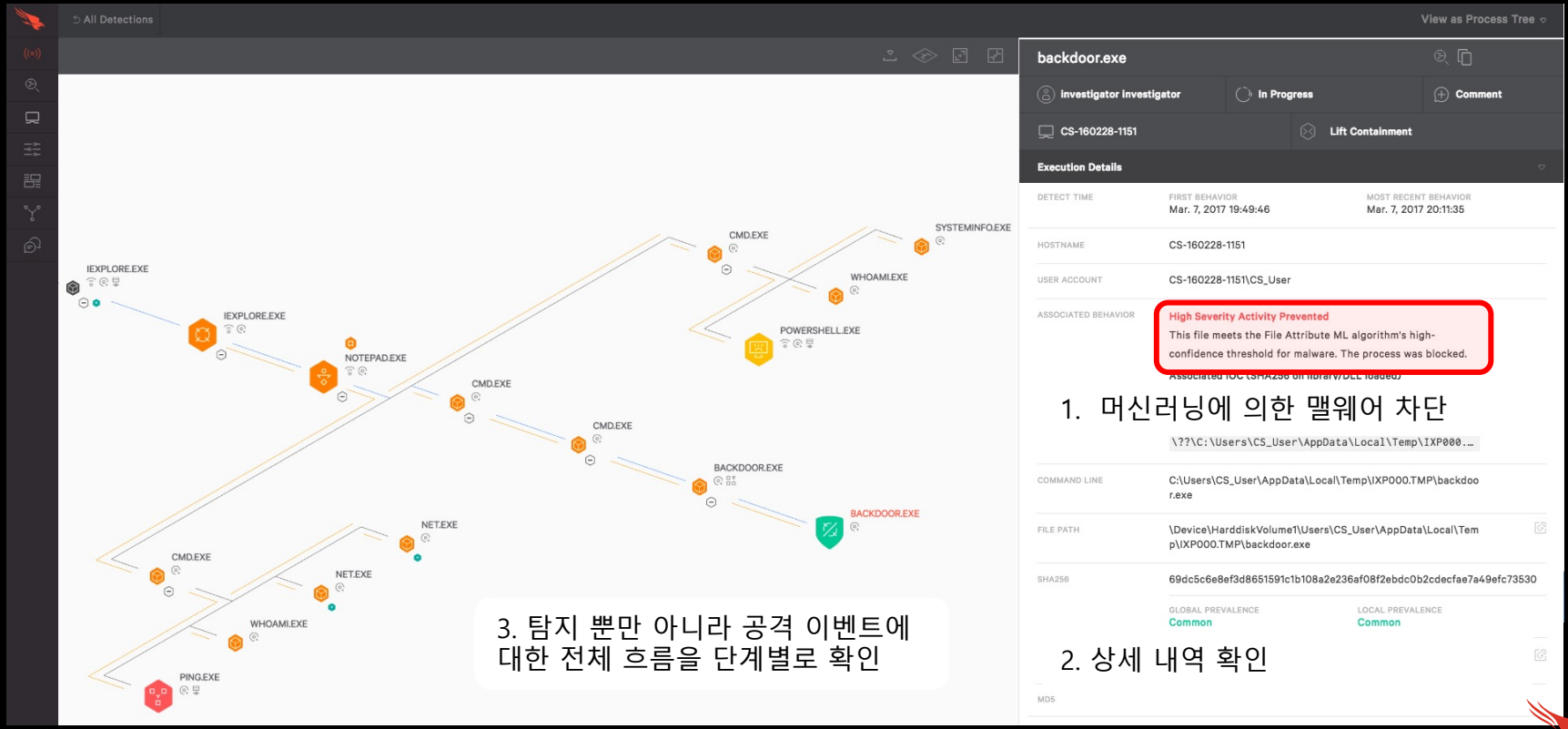
AV comparatives APPROVED Business Security DEC 2019

CROWDSTRIKE FALCON
CERTIFIED AS LEGACY
AV REPLACEMENT

제공되는 가치

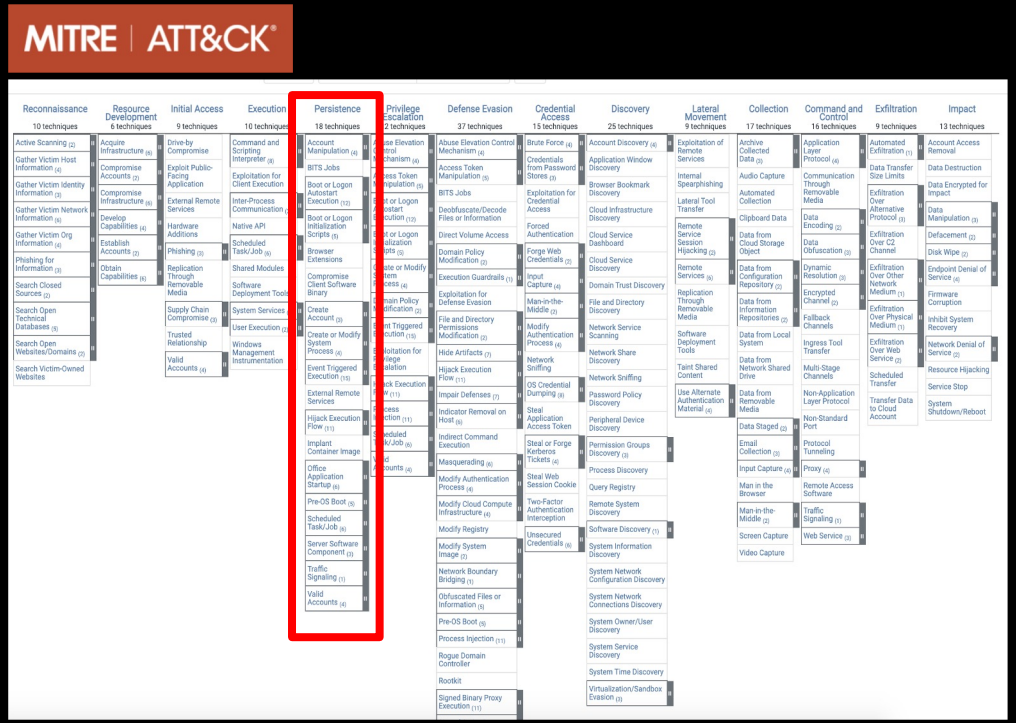
- 더 나은 보호기능 제공
- 침해사고 감소
- 사용자 생산성 향상
- 복잡성 제거
- 보안 효율성 제공

FALCON PREVENT Malware 대응



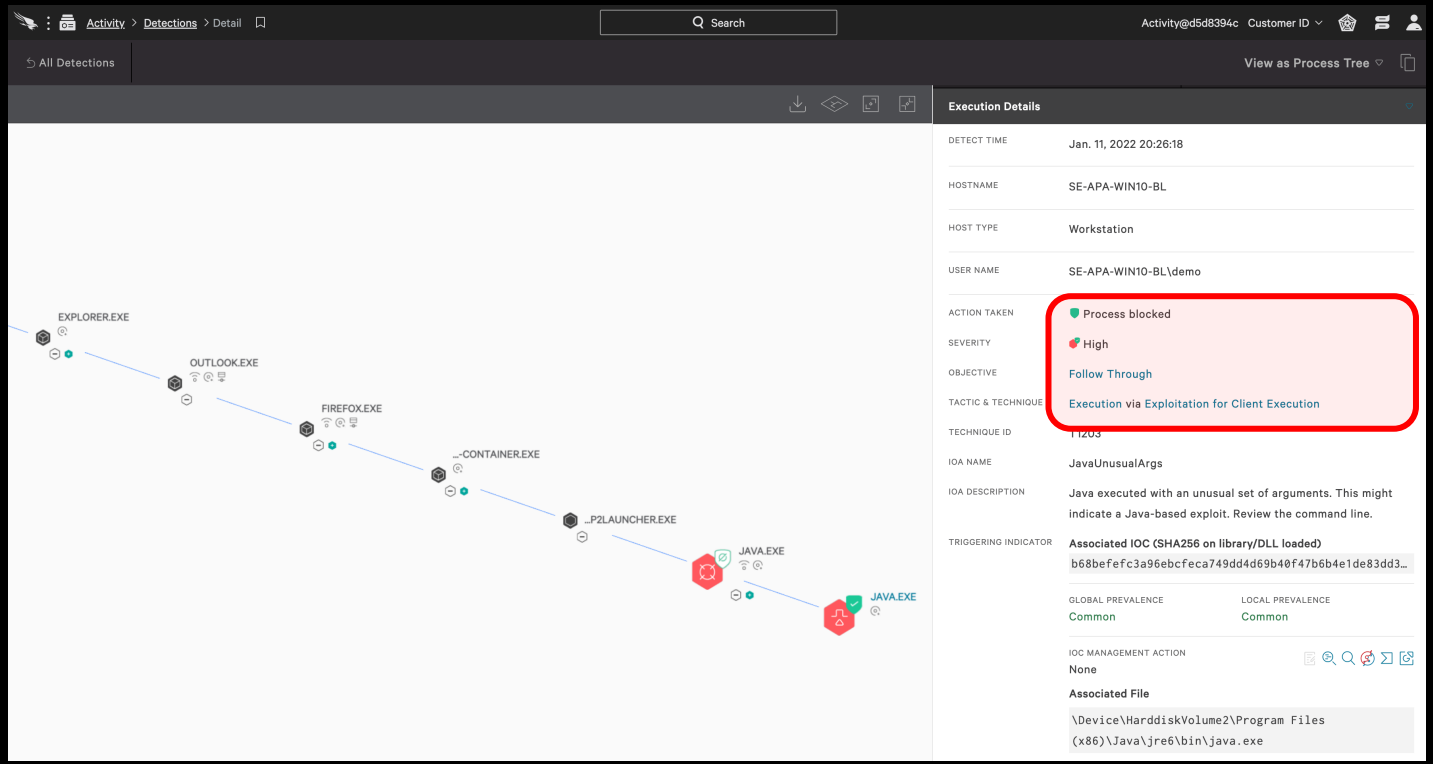
FALCON PREVENT File Less Attack 대응

SEVERITY	High
OBJECTIVE	Keep Access
TACTIC & TECHNIQUE	Persistence via Accessibility Features
TECHNIQUE ID	T1546.008
IOA NAME	RegWriteMagnifyBypass
IOA DESCRIPTION	A registry key was set to replace the magnify accessibility tool, which is often done by attackers to bypass the login screen.



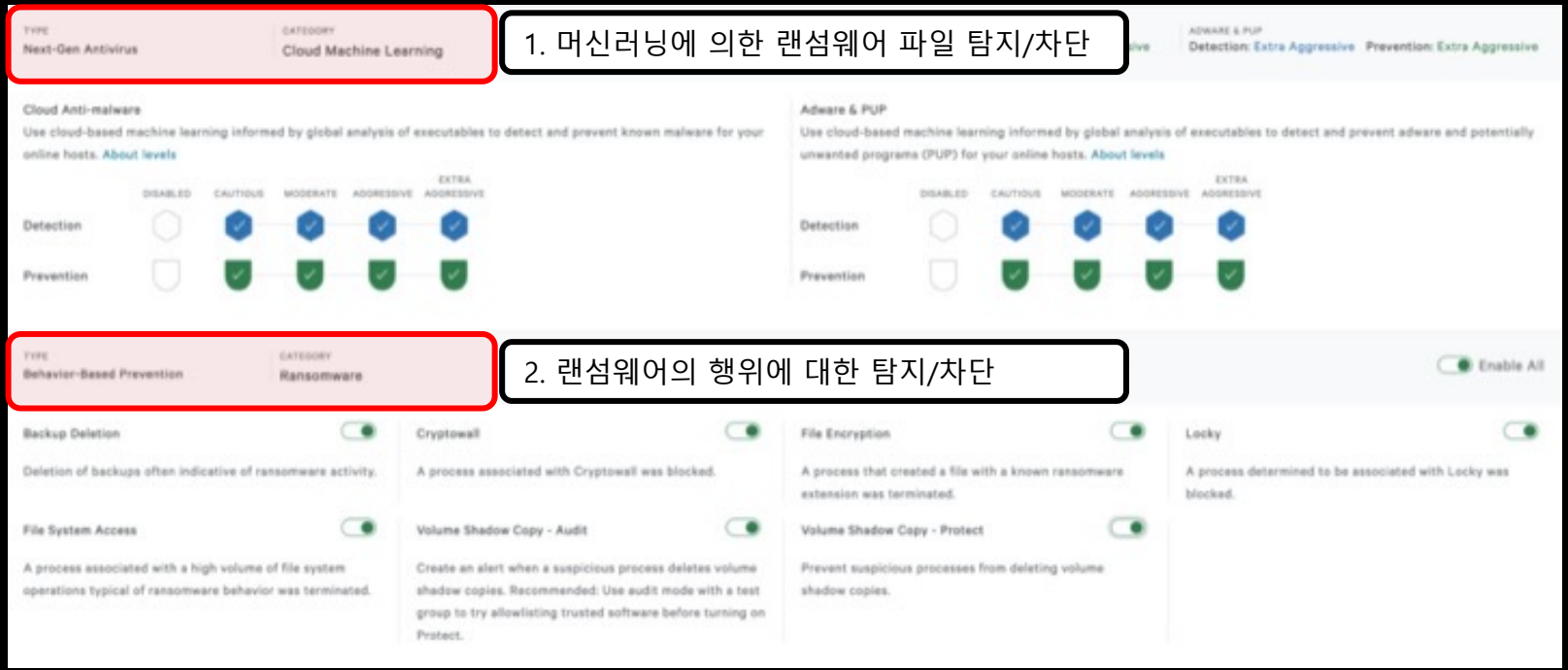
- 이상 행위 탐지(IOA)엔진 / File-less attack detect
- 탐지 시 보다 세분화된 Tactic/Technique 정보 제공
- MITRE ATT&CK TID / CrowdStrike TID로 구성
- Falcon 콘솔 또는 API를 통해 MITRE 데이터 수집 가능

FALCON PREVENT Exploit 대응



JAVA Exploit 탐지/차단

FALCON PREVENT Ransomware 대응



CROWDSTRIKE

FALCON PREVENT Threat Actor 대응 (APT, e-Crime)

Medium	3	Execution	28	Process Injection	23	Last	
Low	2	Credential Access	13	Command Line Interface	14	Last	
Informational	0	Post Exploit	13	Credential Dumping	13	Last	
+🔍		+🔍	7 more	+🔍	15 more	+🔍	

Select All | Update & Assign

High — TACTIC & TECHNIQUE: Machine Learning via Sensor-based ... — DETECT TIME: Aug. 6, 2020 10:48:18

STONE PANDA Detected

High +14 others — TACTIC & TECHNIQUE: Execution via Exploitation for Client ... — DETECT TIME: Aug. 6, 2020 10:44:33

VOLATILE KITTEN Detected

High +5 others — TACTIC & TECHNIQUE: Machine Learning via Cloud-based ML — DETECT TIME: Aug. 6, 2020 10:35:47

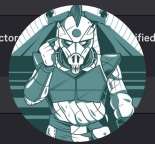
High — TACTIC & TECHNIQUE: Machine Learning via Sensor-based ... — DETECT TIME: Aug. 6, 2020 10:34:23

Customers

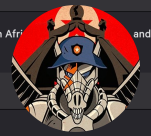
CrowdStrike Intelligence assesses with low confidence that GRACEFUL SPIDER likely operates internally.

Victims

GRACEFUL SPIDER has targeted companies in a variety of sector ...ified campaign ...zations in Afri... and Europe.


VELVET SIGINT


RICOCHET HUMINT


STARDUST HUMINT

Crimes

- Wire Fraud
- Accessing a computer without authorization for the purpose of commercial advantage and private financial gain
- Damaging a computer through the transmission of code and commands
- Conspiring to commit fraud and related activity in connection with computers
- Transmitting a demand in relation to damaging a protected computer

Monetization

- Ransom payments through cryptocurrency
- Extorting stolen data if ransom is not paid
- Monetary theft through wire fraud from victim accounts
- Likely selling payment card data via criminal marketplaces

Technical Tradecraft

GetAndGo Loader

- Distribution campaigns often use URL shorteners
- Use of HTML attachments containing links to direct victims to dropper documents hosted on filesharing-themed websites
- Use of IP address geolocation filtering on landing pages and tracking of victims through links to iplogger[.]org
- The macro extracts the GetAndGo loader dynamic link library (DLL) to the %APPDATA% folder, and the appropriate DLL is extracted based on whether the Operating System
- C2 beacon to domain that typically impersonates legitimate services/companies, followed by HTTPS traffic on TCP port 443 to corresponding IP address
- Self-signed SSL certificates
- C2 servers use DNSPod[.]com name servers

ACTOR에 대한 정보 제공

- 타깃 국가 / 타깃 산업군
- 마지막 활동 시간
- 범죄 동기 / 범행 목적
- Kill Chain
- 엔드포인트 플랫폼과 자동 연계


감사합니다
CROWDSTRIKE