Intelligent Shield: AI-driven approach for contemporary incident response strategies

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ADACOM

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Security Challenges and Threat Landscape





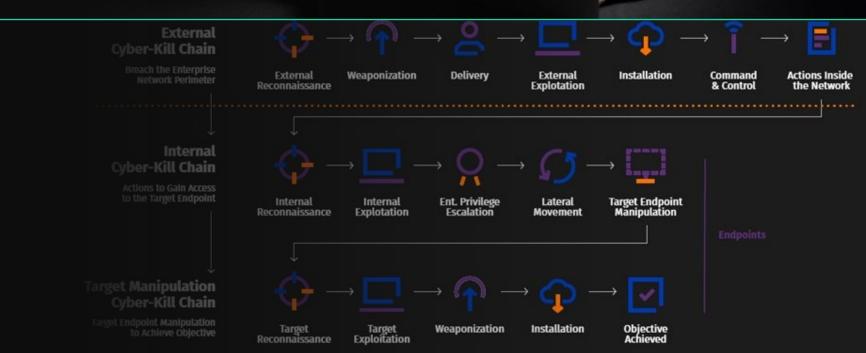


Cybersecurity Challenges

 Digital transformation
Teleworking - Work from Everywhere
New Technologies (OT/IoT, 5G...)
Cloud Services
Traditional Security Controls
Legacy Systems

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Ransomware: Stealthy Exploits and Al Battlefields



Rise of Al-Directed Cyberattacks

Hackers will use AI to analyze attack strategies, thereby enhancing their likelihood of success. Also, they will use AI to heighten the speed, scale and scope of their activities

Cyberattacks to Security Systems

Phishing attacks based on Al continue to plague businesses ?

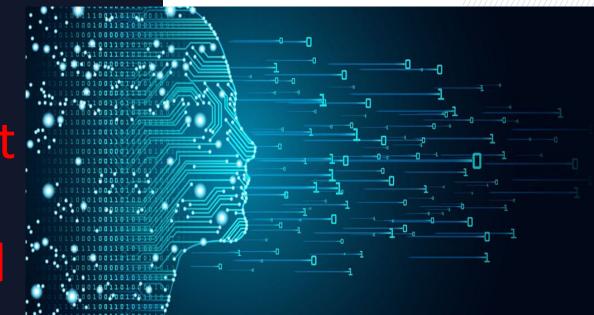
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Supply Chain and Critical Infrastructure cyberattacks

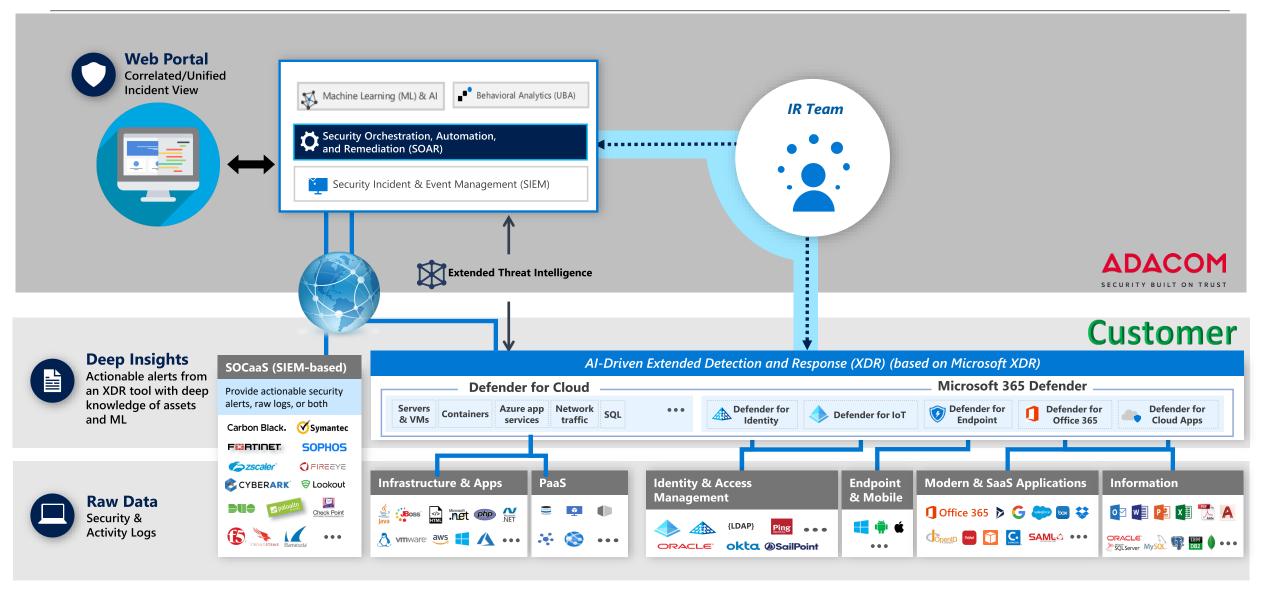


Al-Driven Incident Investigation Technologies and Services

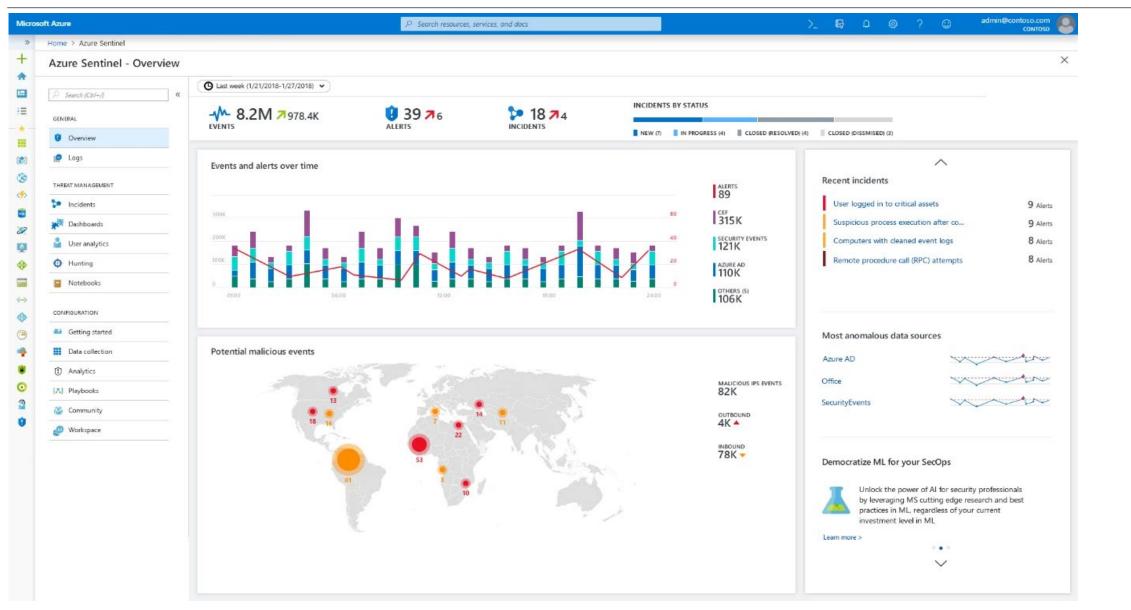




ADACOM Al-Driven Incident Response Operational Model



ADACOM Microsoft Sentinel





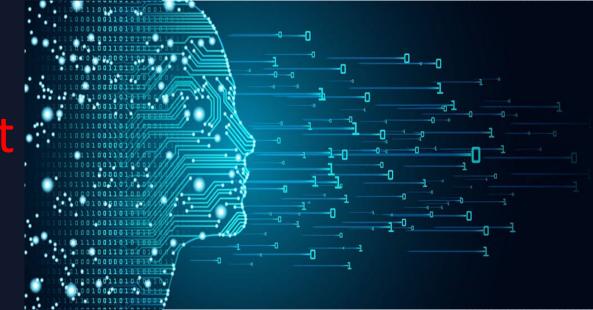
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Extended Threat Intelligence

- Attack Surface
- Deep/Dark Web Scanning
- Threat Actor Tracking
- Threat Hunting



Al-Driven Incident Investigation Methodology







- Initial Contact and Preparation
- 🔰 Investigation
- Remediation
- 🔰 Follow Up



Initial Contact and Preparation

- Within hours of contacting ADACOM, immediate action is taken to simultaneously ensure the right next steps are taken, the correct players are engaged, and the necessary resources are assigned
- Remote IR assistance is provided to start initial analysis and deploy IR tools and Threat Analytics needed to quickly expand visibility throughout your environment.

Investigation

- **Deep Scanning:** Assets, services affected, business impact, other attack vectors
- Threat Hunting:
- Forensics Analysis: IR Team help gain a full understanding of the threat
- **Remediation Planning:** Start planning for remediation, in parallel and in concert with the investigation

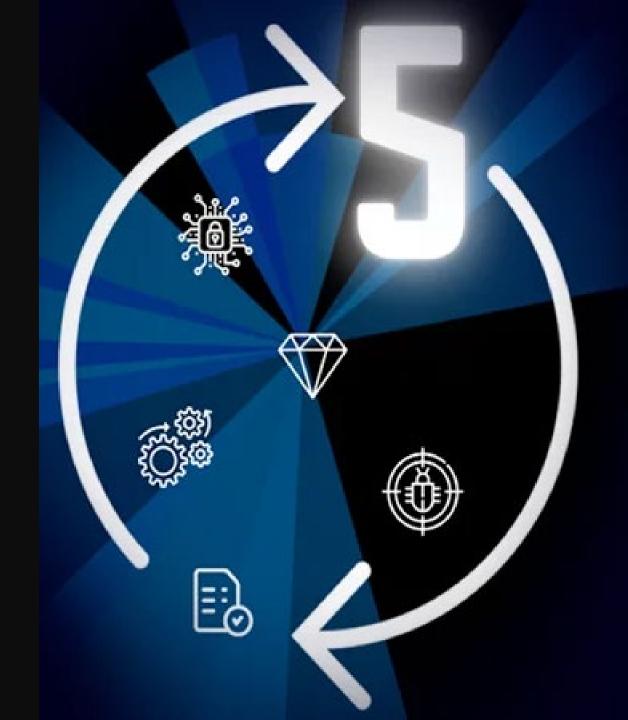
Remediation

Secure and Validate

• Recover

Secure and Validate

- **Containment:** Cutting off the command and control of the threat actor
- Threat Actor Eviction Evicting the threat actor from a contained network requires the orchestrated elimination of their tradecraft and resetting of compromised domains. ADACOM help validate containment actions
- Focused Security Hardening: IR team guide and support tactical security control hardening efforts that will prevent re-entry by the threat actor.





- Restore directory services functionality and increase its security resilience to support the restoration of business
- Restore the affected systems to their pre-incident state
- Real Time Threat Monitor 24x7



Follow Up

HCIDEN

ADACOM leverage lessons learned during the incident to guide recommended response process improvements as well as strategic recommendations to help drive a security transformation roadmap



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