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BUILT ON TRUST

AI CyberDefense in the Edge of Tomorrow

Nikitas Kladakis – General Manager

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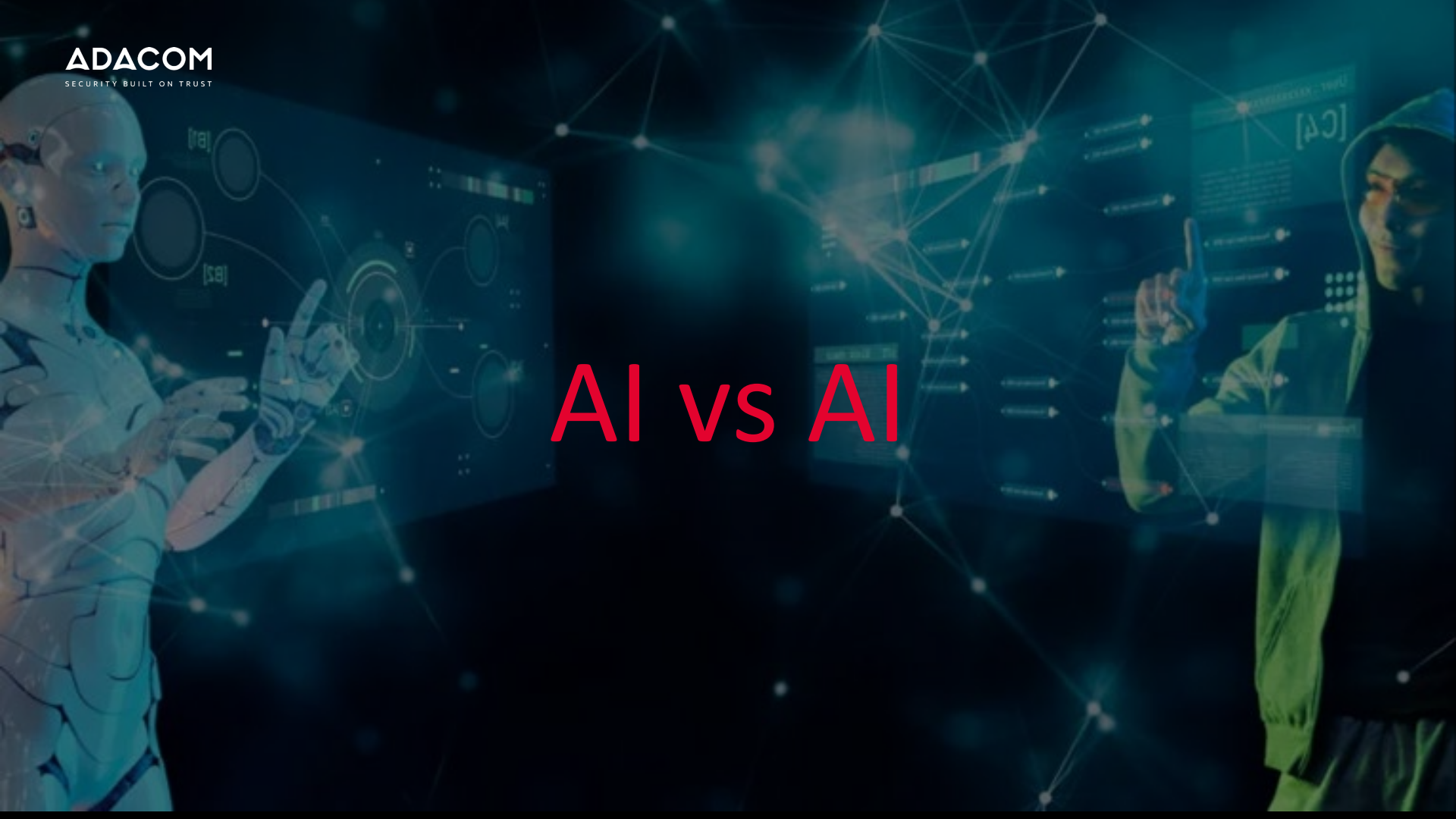

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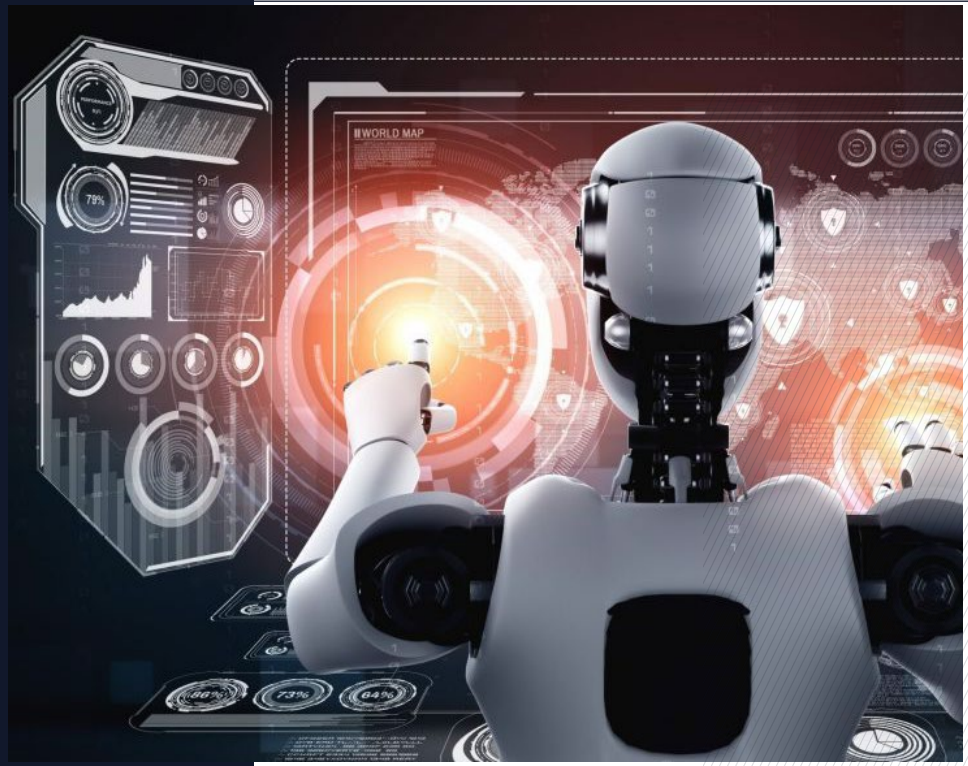
AI vs AI:

DeepLocker



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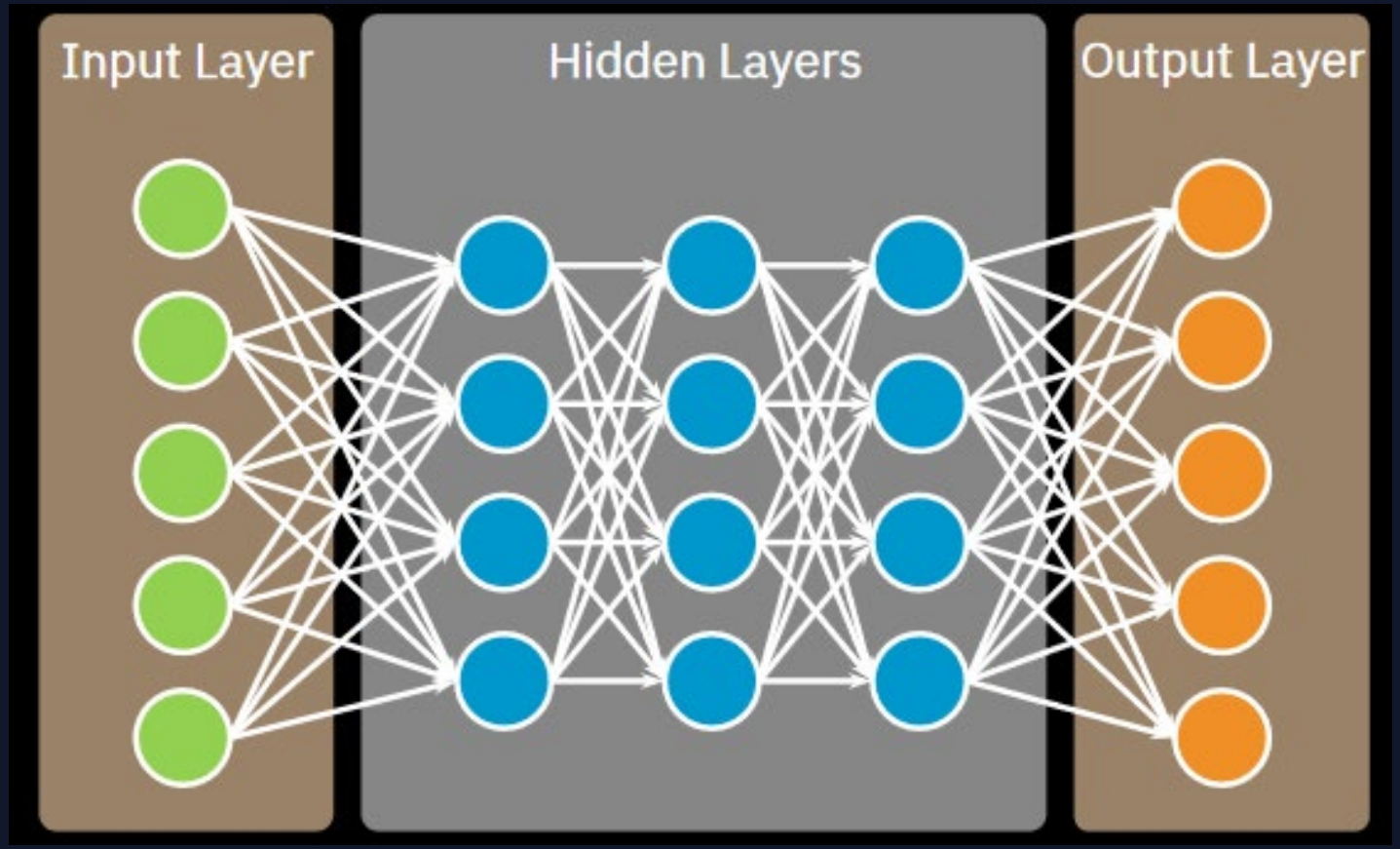
What is a Deep Neural Network (DNN)?



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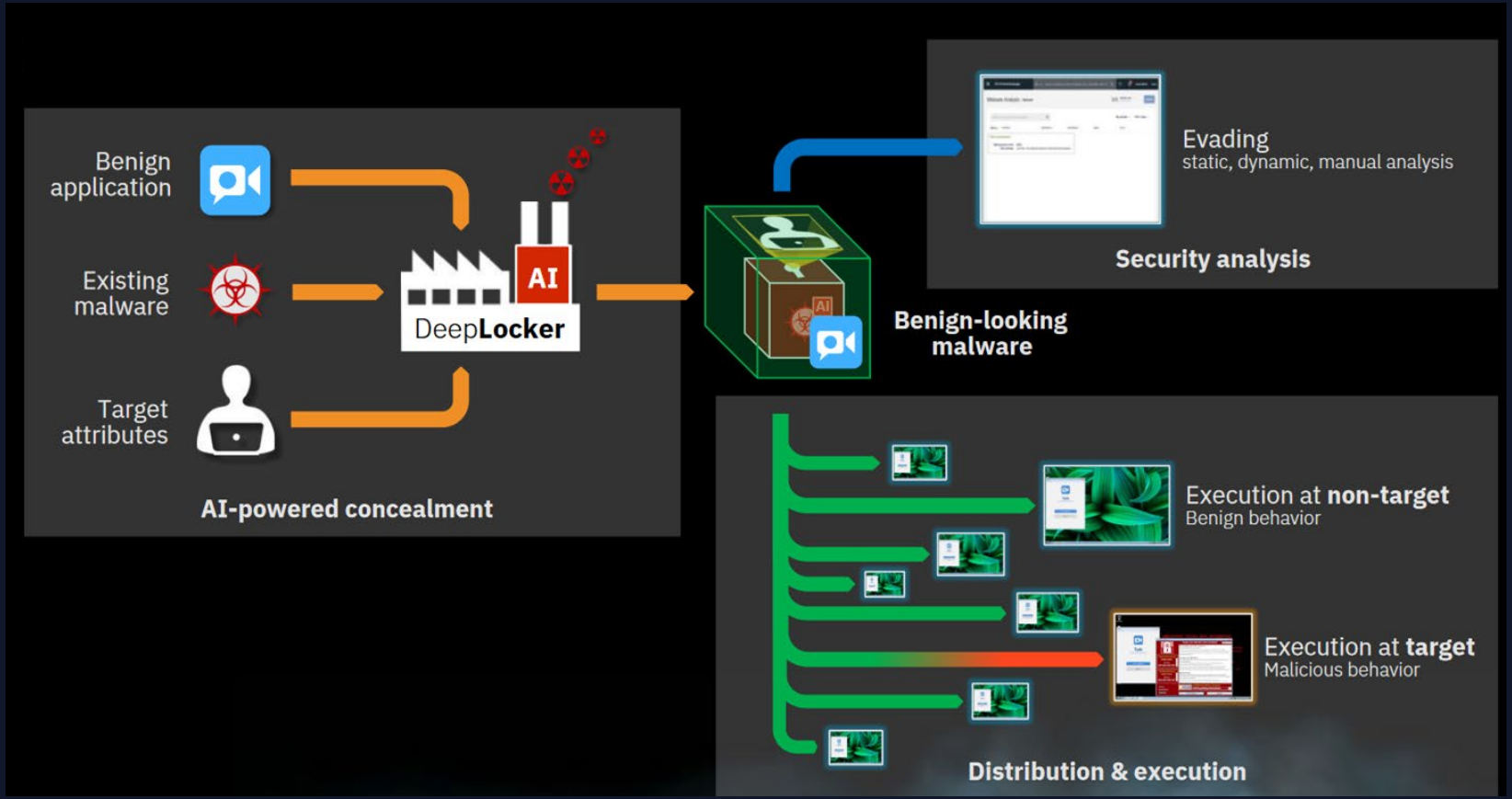
DeepLocker - Overview



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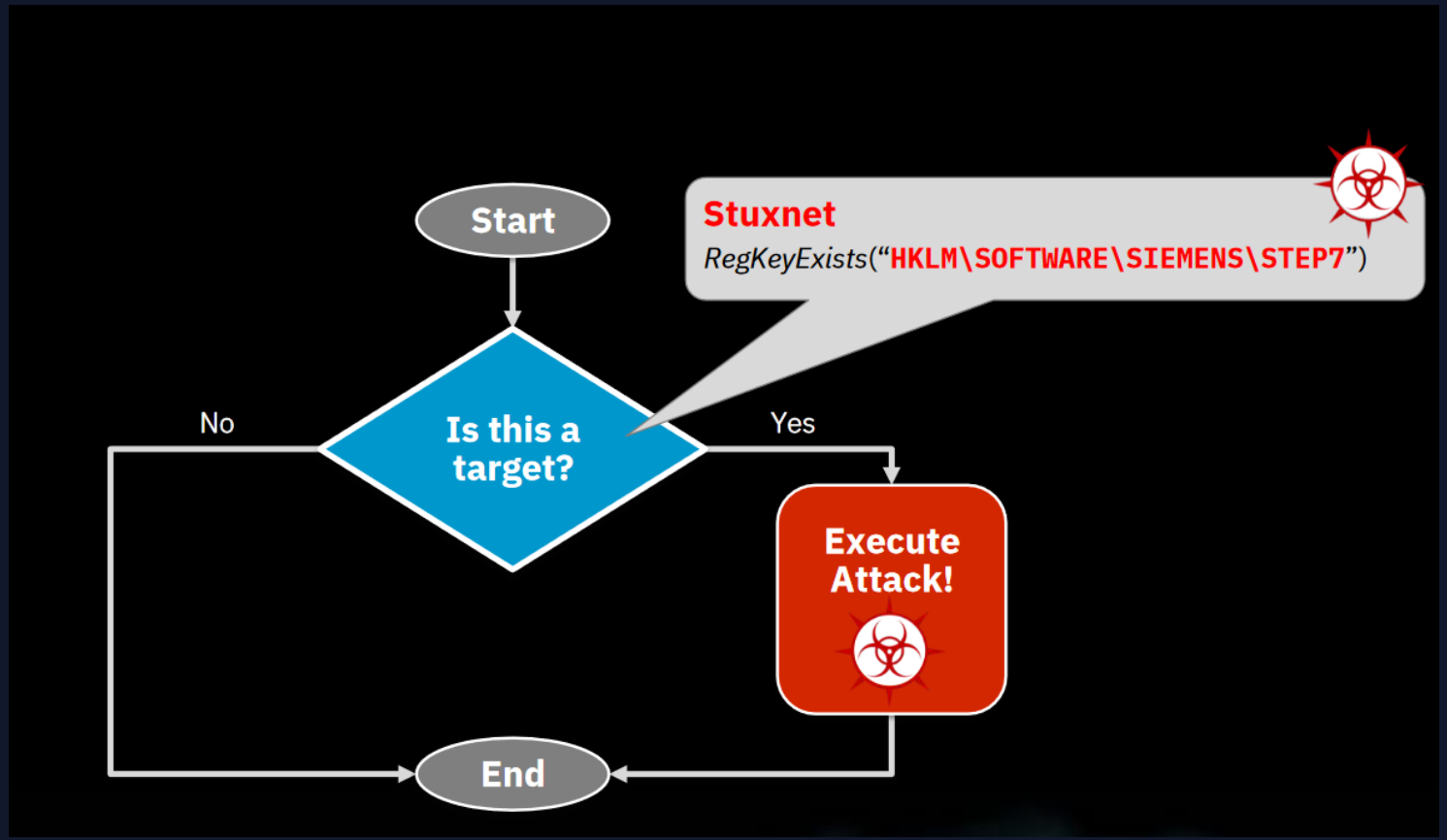
Traditional targeted attack



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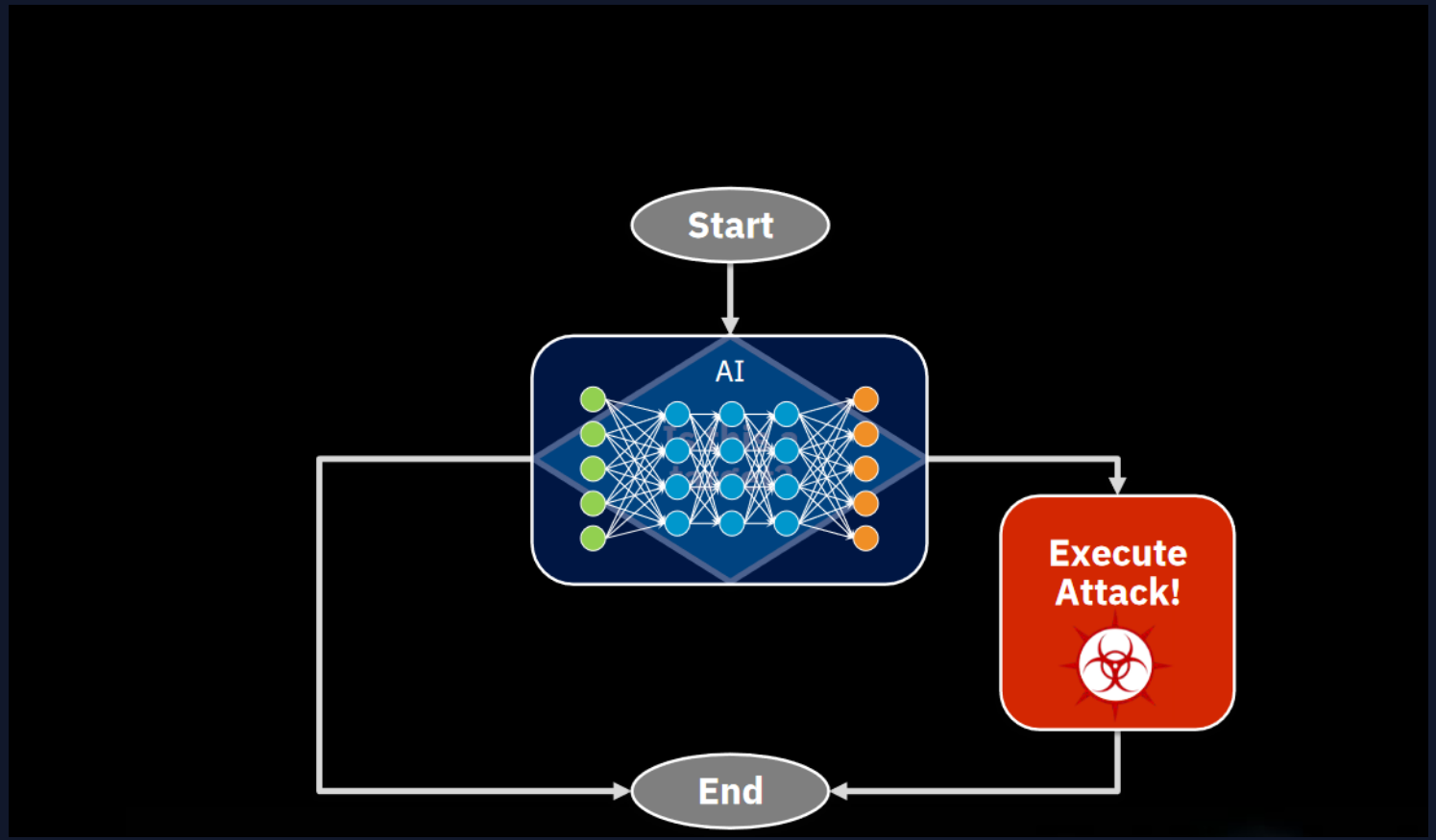
AI-powered targeted attack



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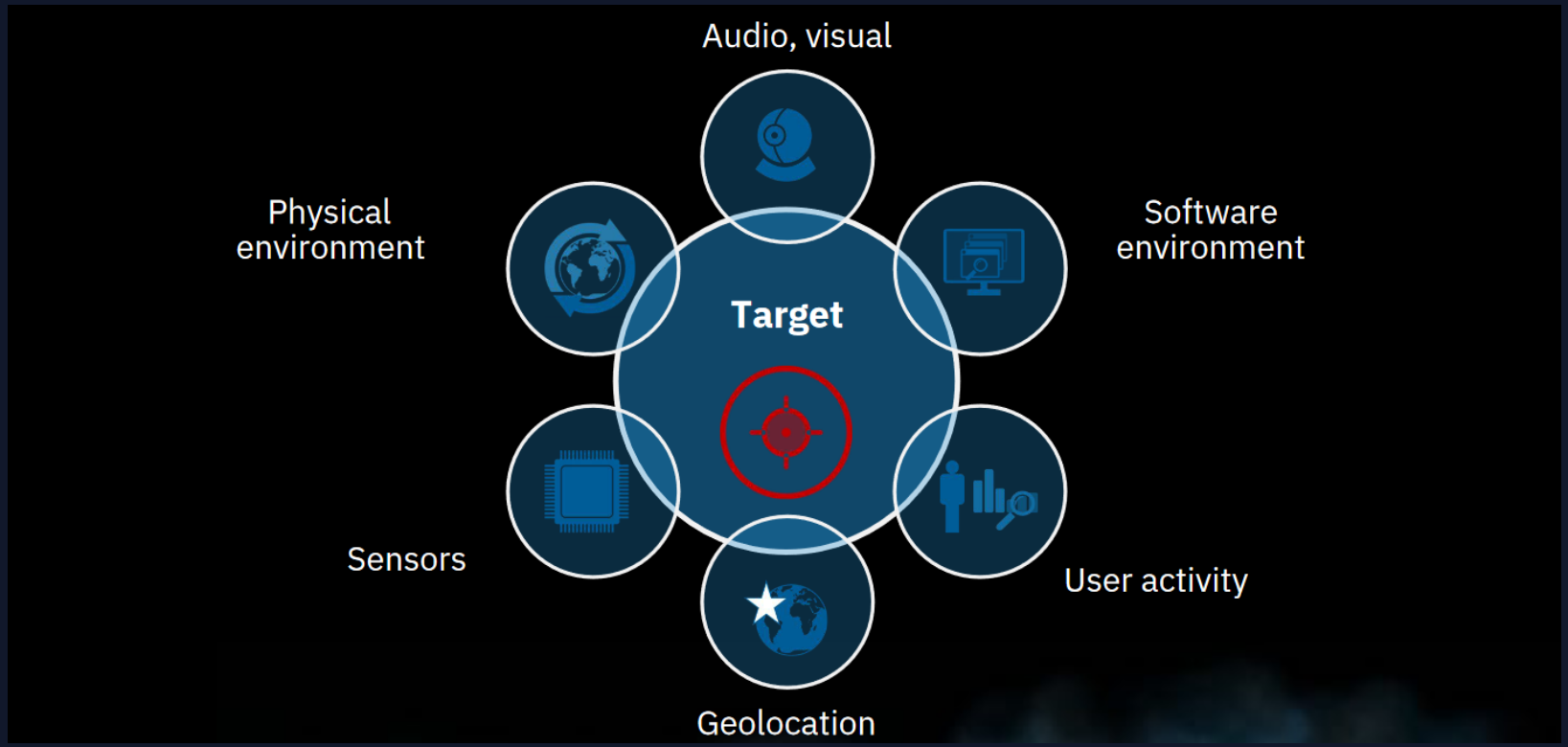
Target attributes



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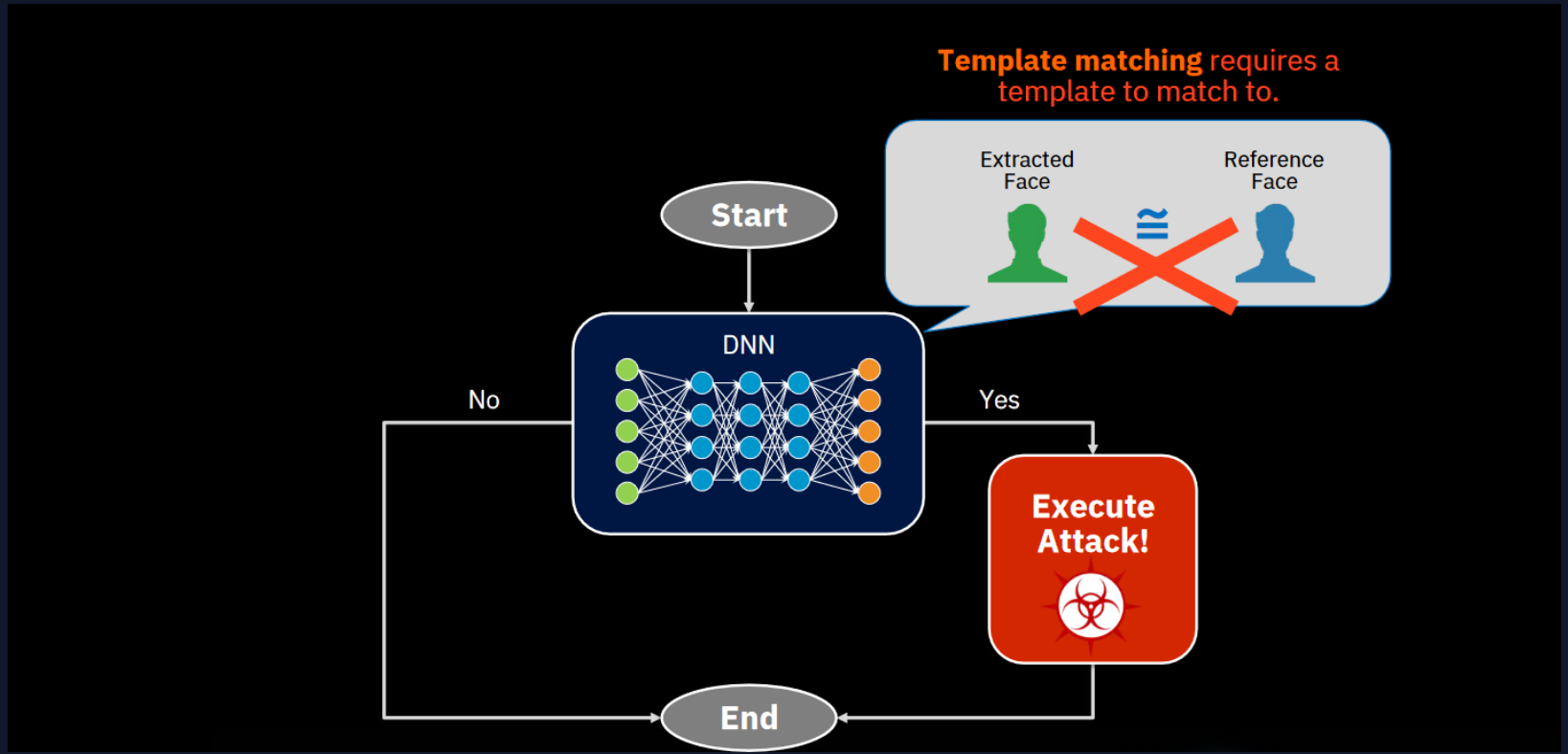
Target detection



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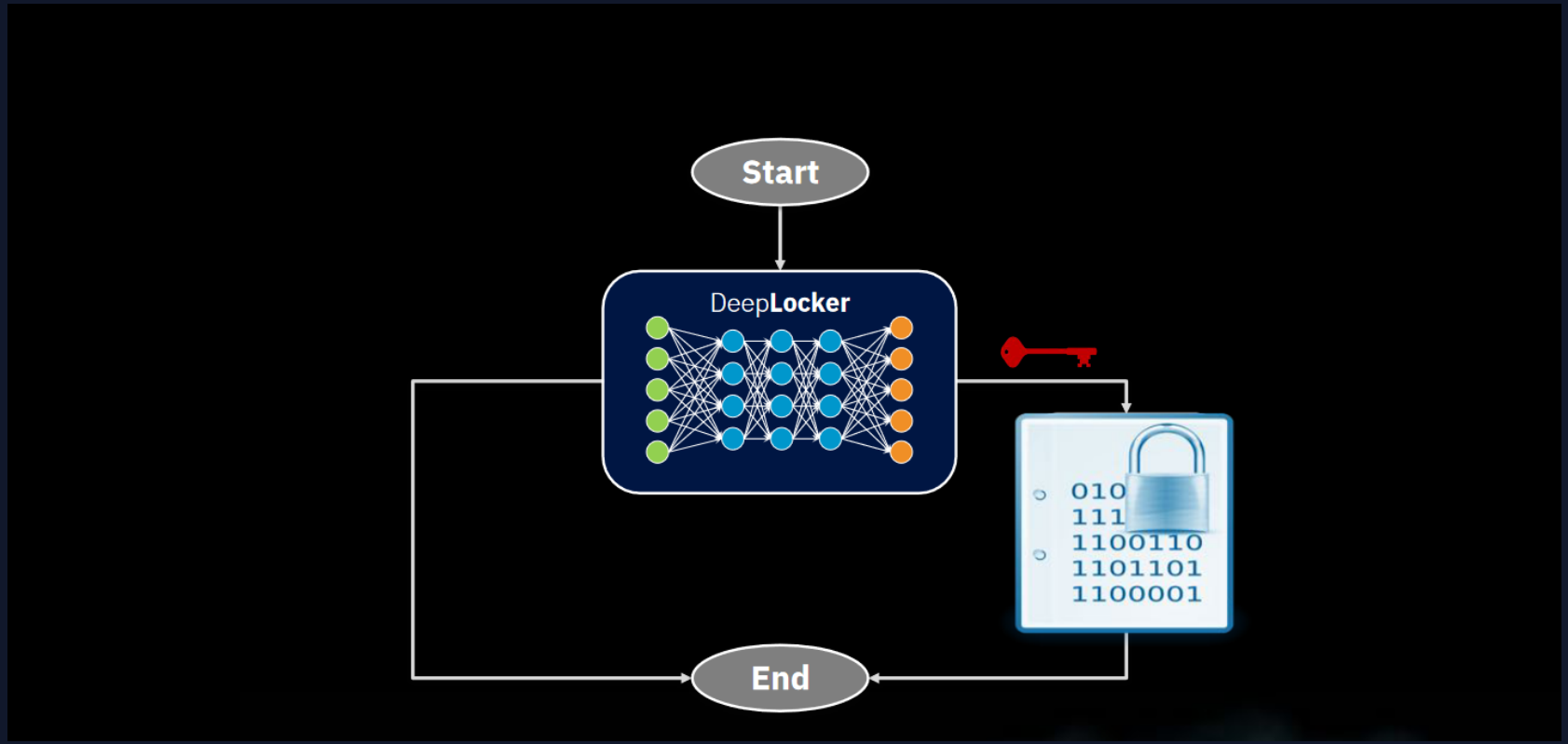
Derivation of an unlocking key



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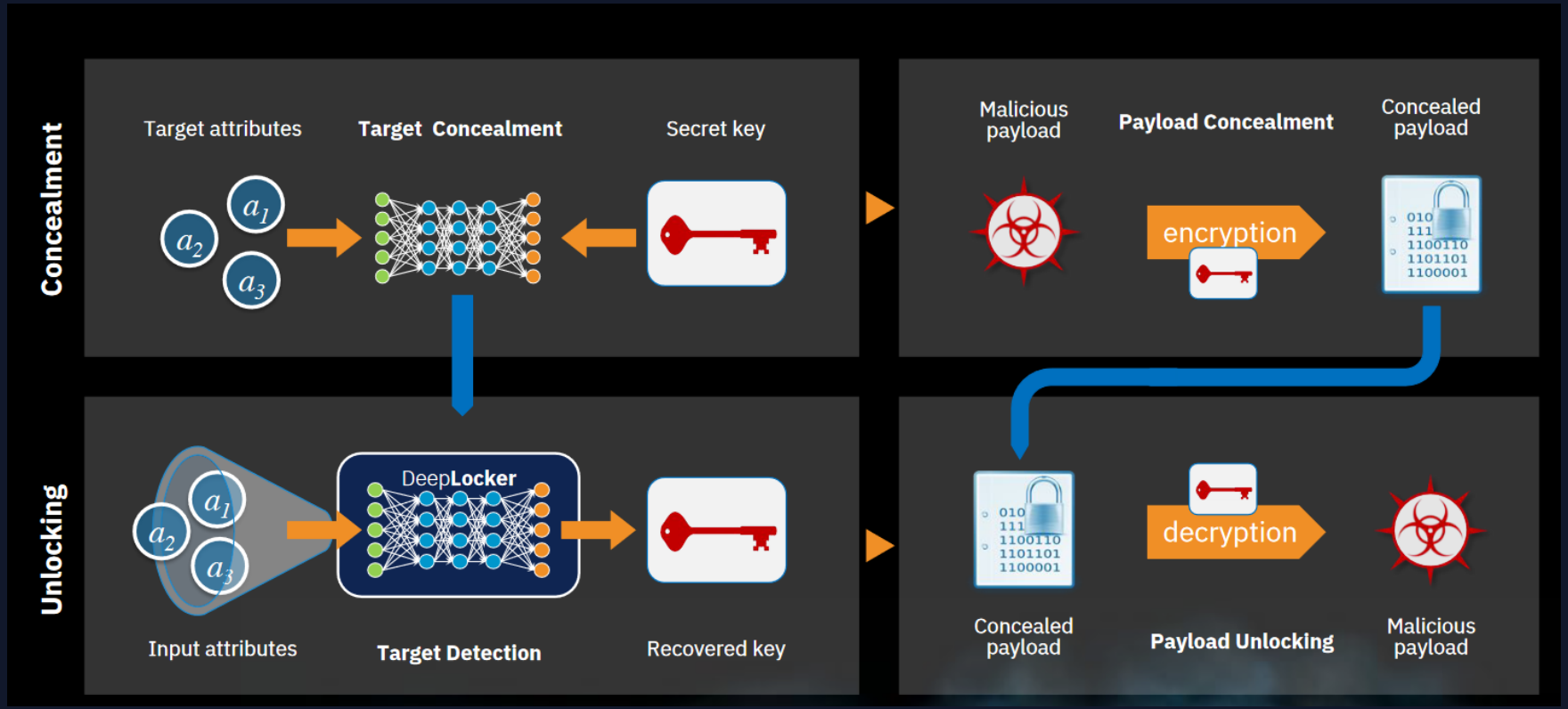
DeepLocker – AI-powered Concealment and Unlocking



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AI vs AI:

NG SOC Services

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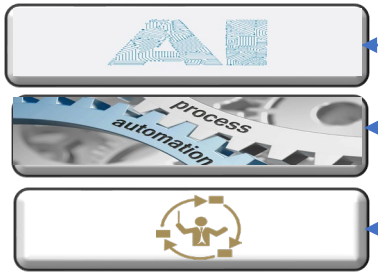
AI-Driven NG SOC Architecture

SOC Operations Layer



AI Investigation

AI-Driven XDR Engine
(eASIS)

Detection Layer

Endpoints
Servers | Workstations | Mobiles

Identities

Network

Cloud Workloads

Behavioral Analysis

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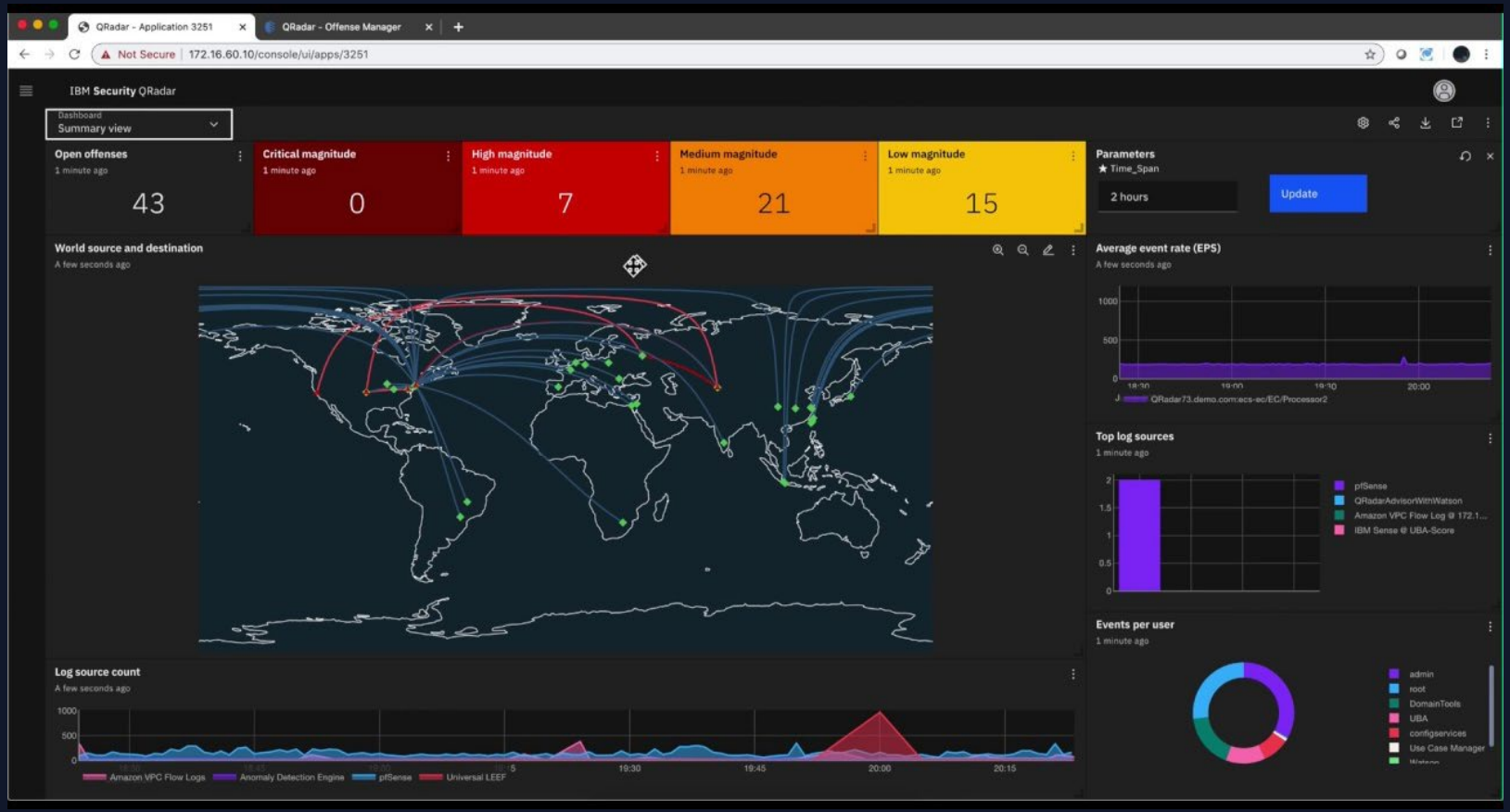
eASIS (based on IBM QRadar)



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Identities

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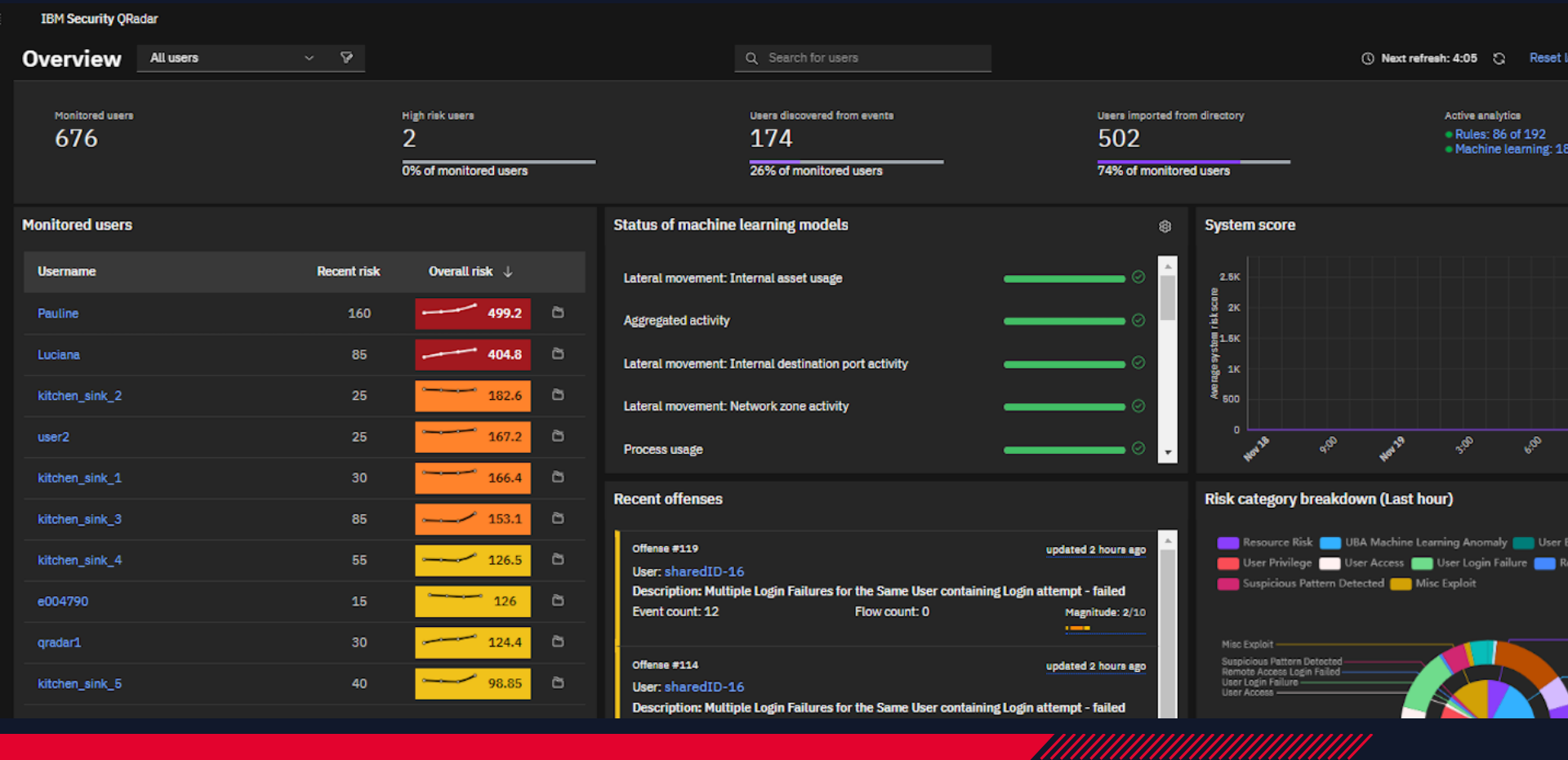
User Behavior Analysis



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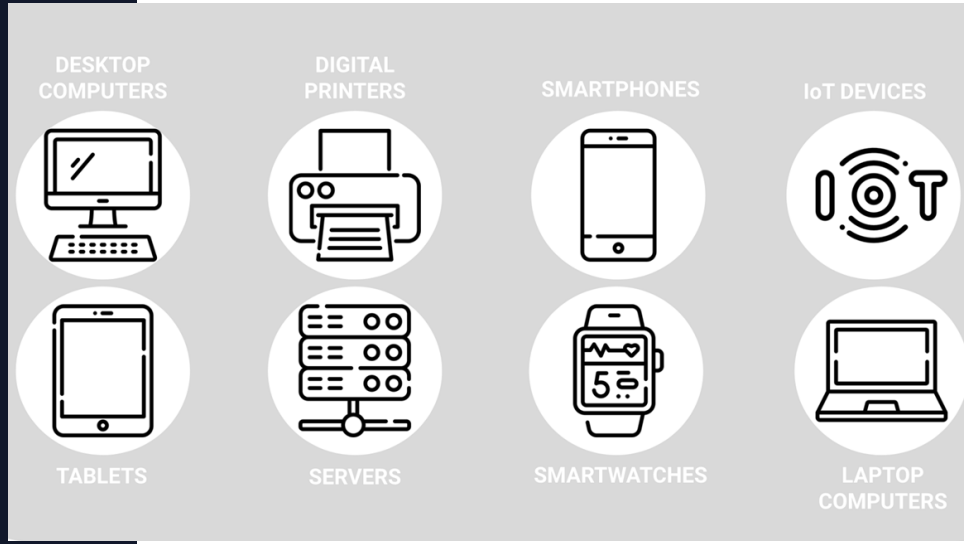
Endpoints



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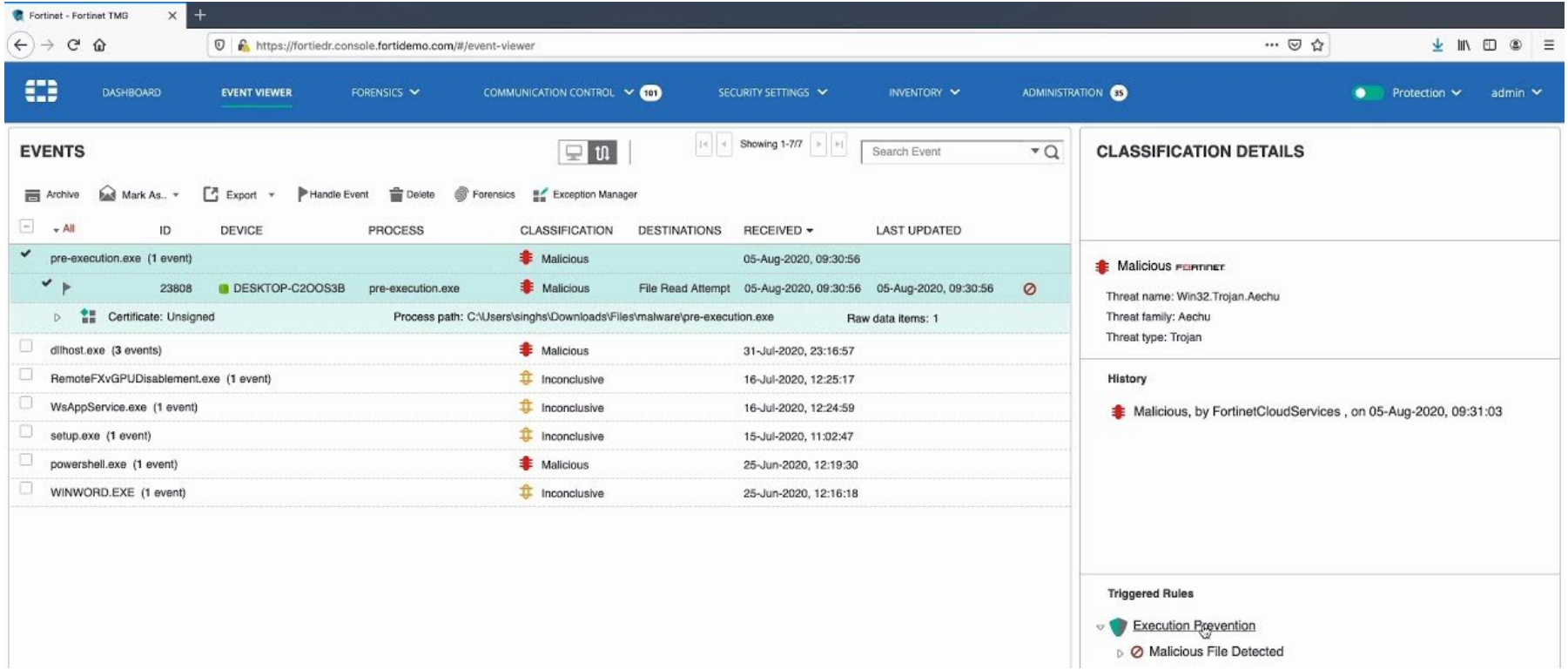
Endpoint Detection and Response



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Network

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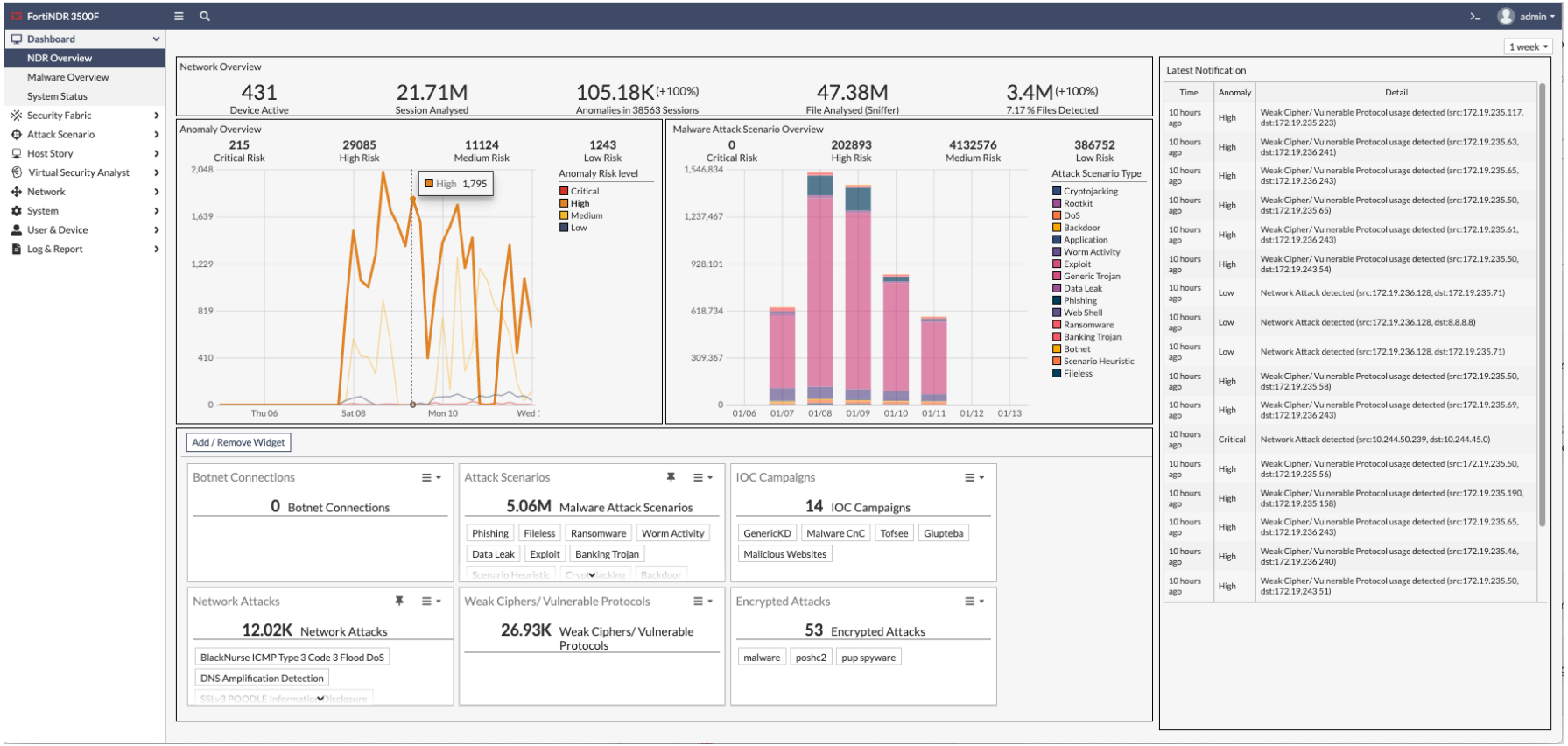
Network Detection and Response



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Cloud

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Cloud Threat Analytics

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AI Investigation

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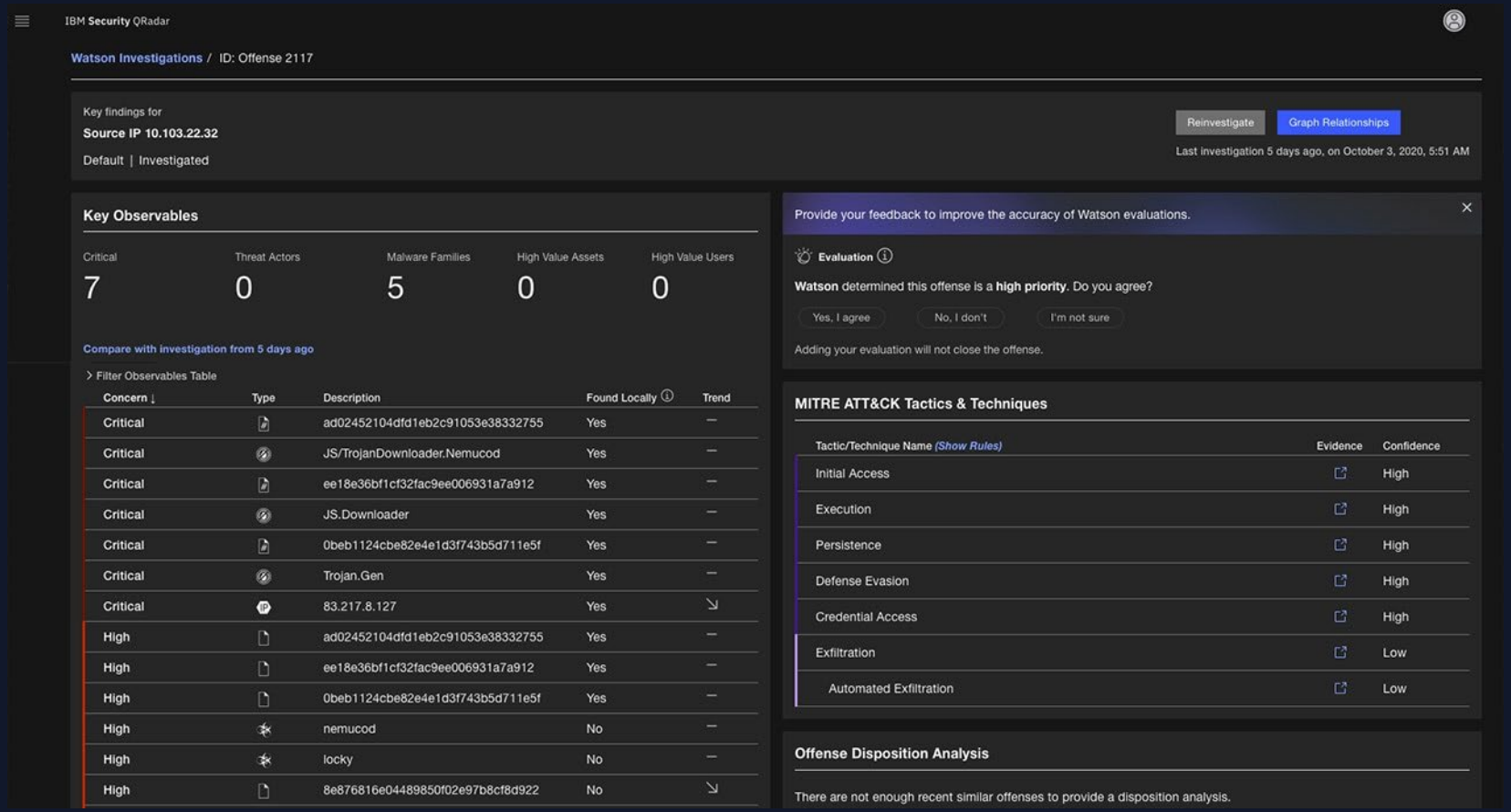
IBM Watson (1/2)



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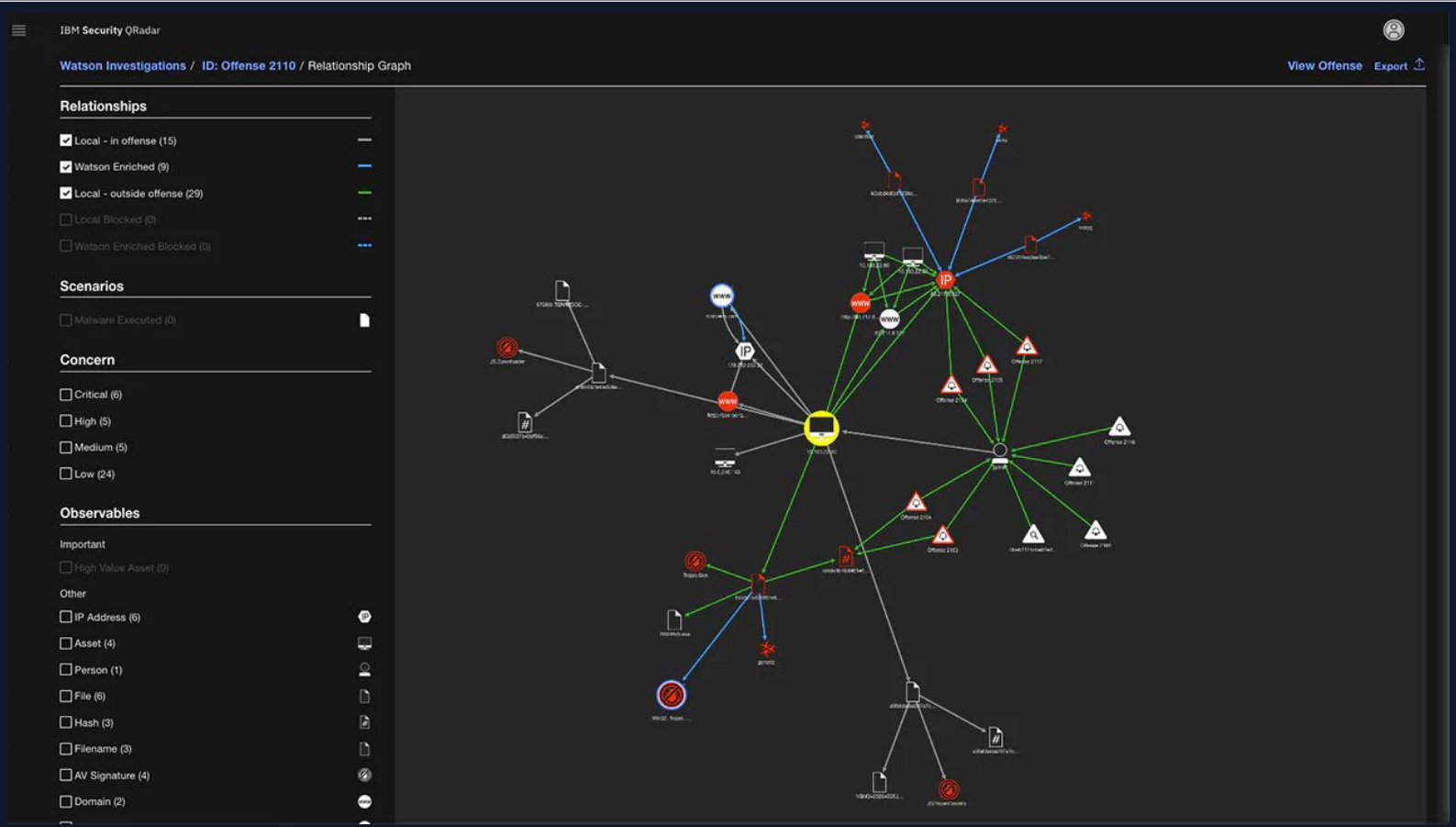
IBM Watson (2/2)



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