Security Automation

Connecting Your Silos

Lisa Lorenzin
Principal Solutions Architect
Juniper Network

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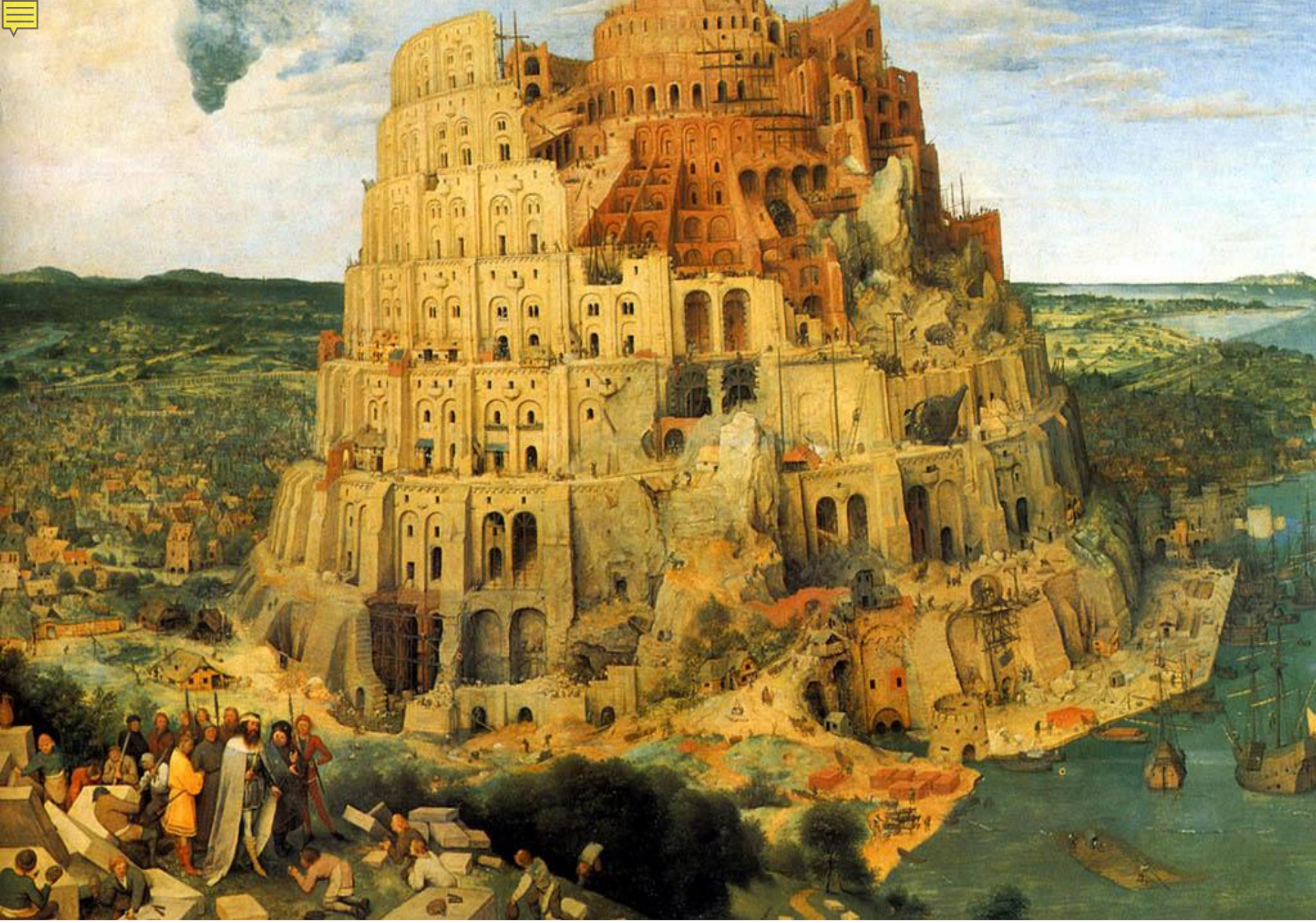

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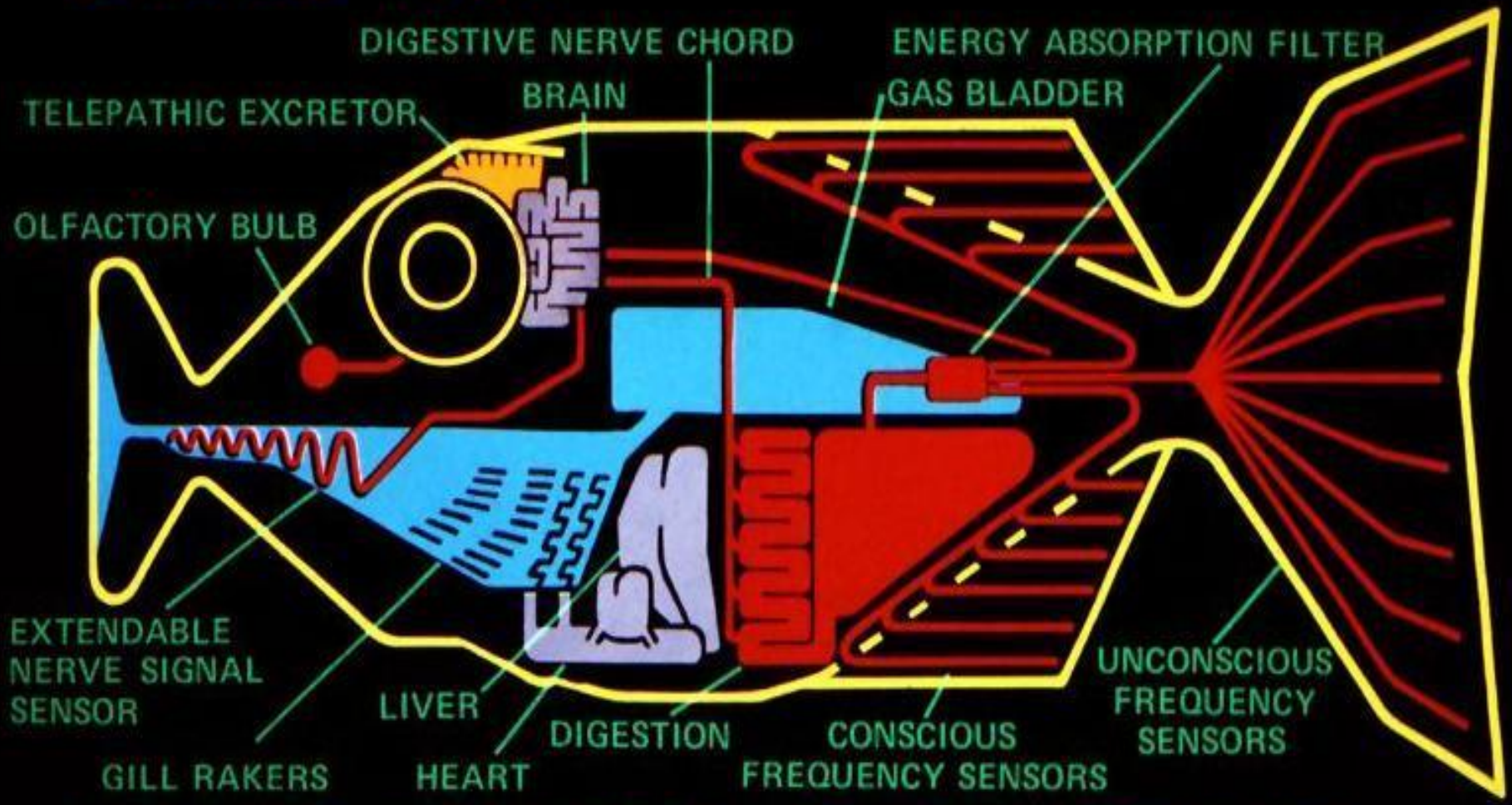
BABEL FISH



THE BABEL FISH IS SMALL, YELLOW, LEECHLIKE,
AND PROBABLY THE ODDEST THING IN THE UNIVERSE.

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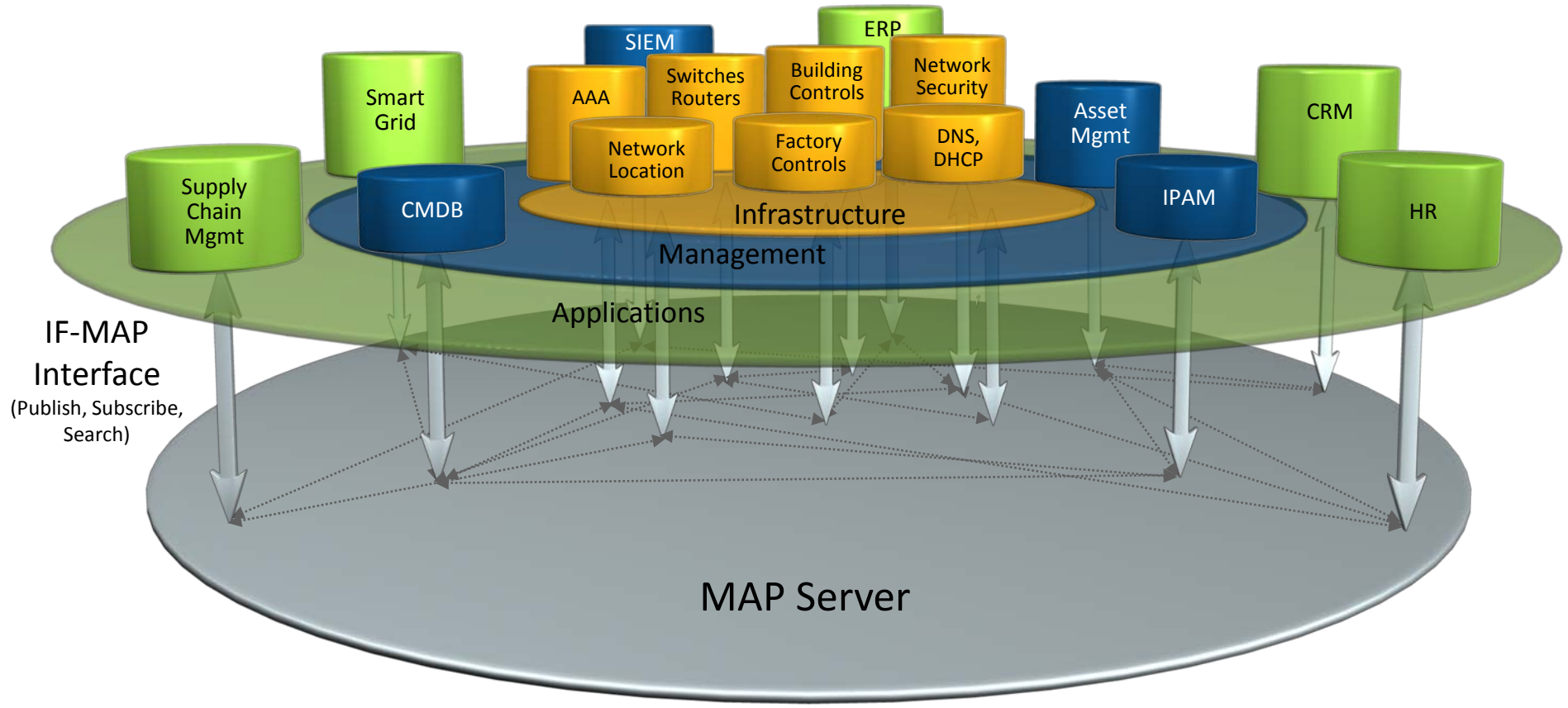

XML > SOAP > HTTPS

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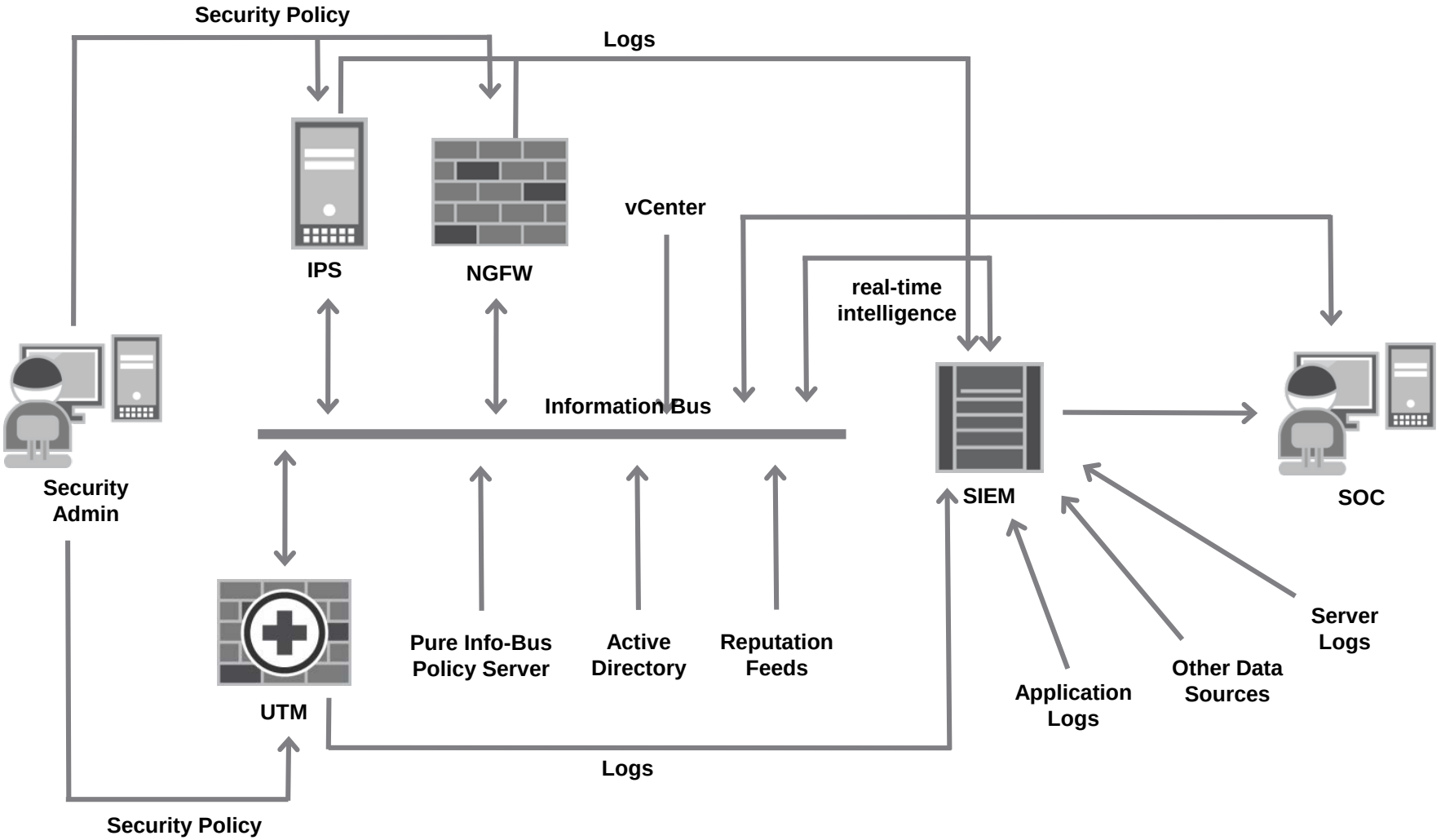

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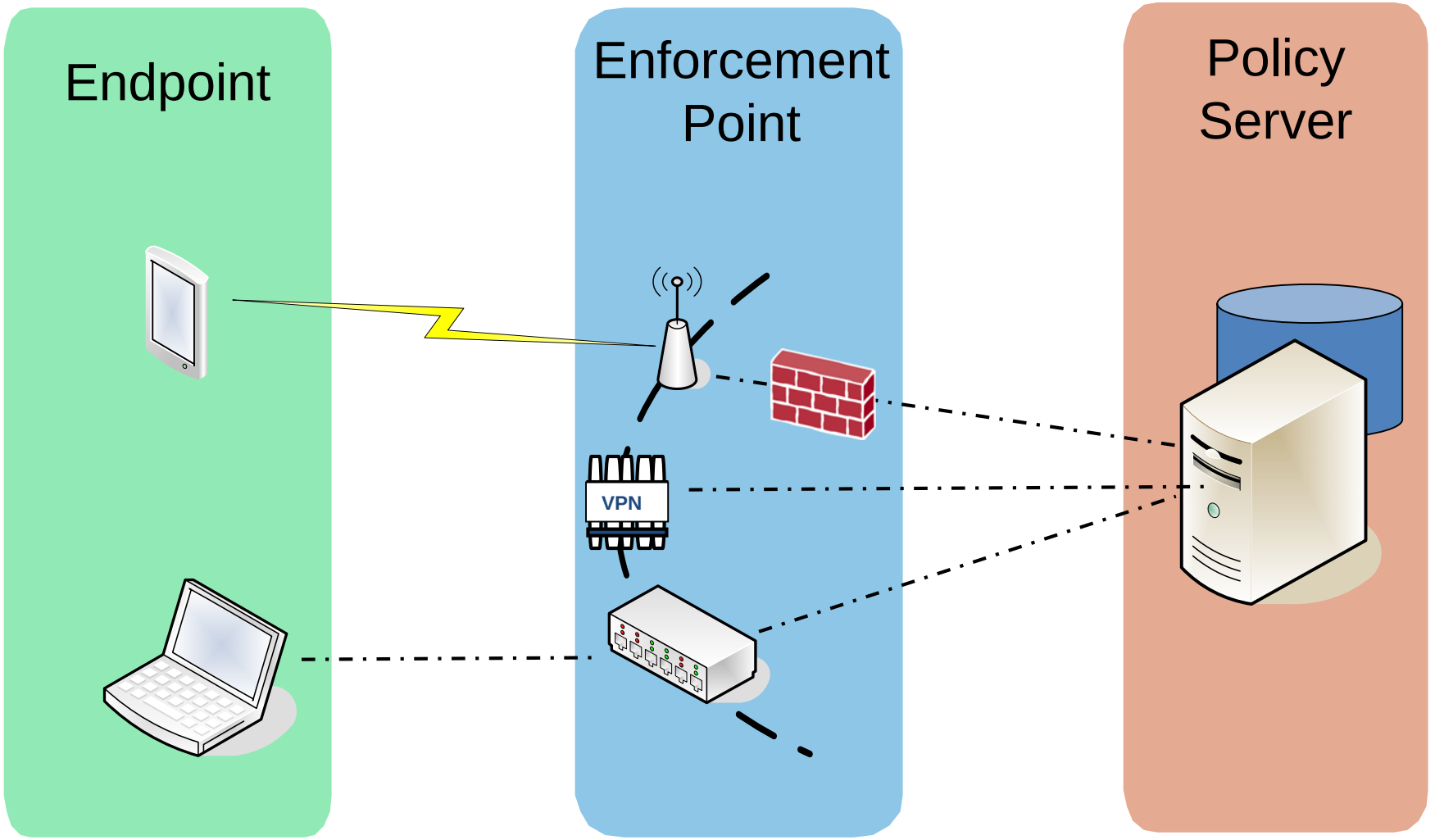

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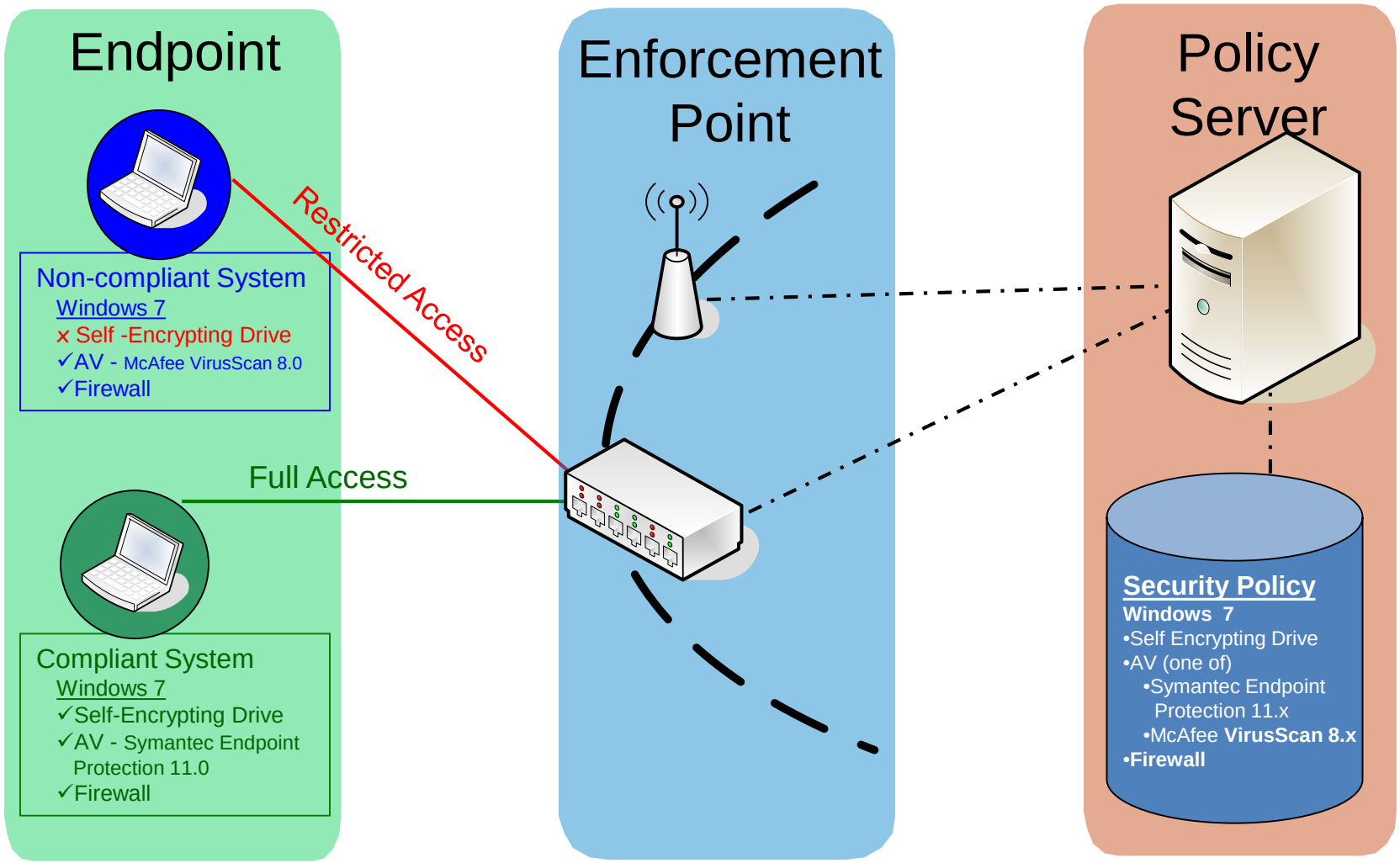

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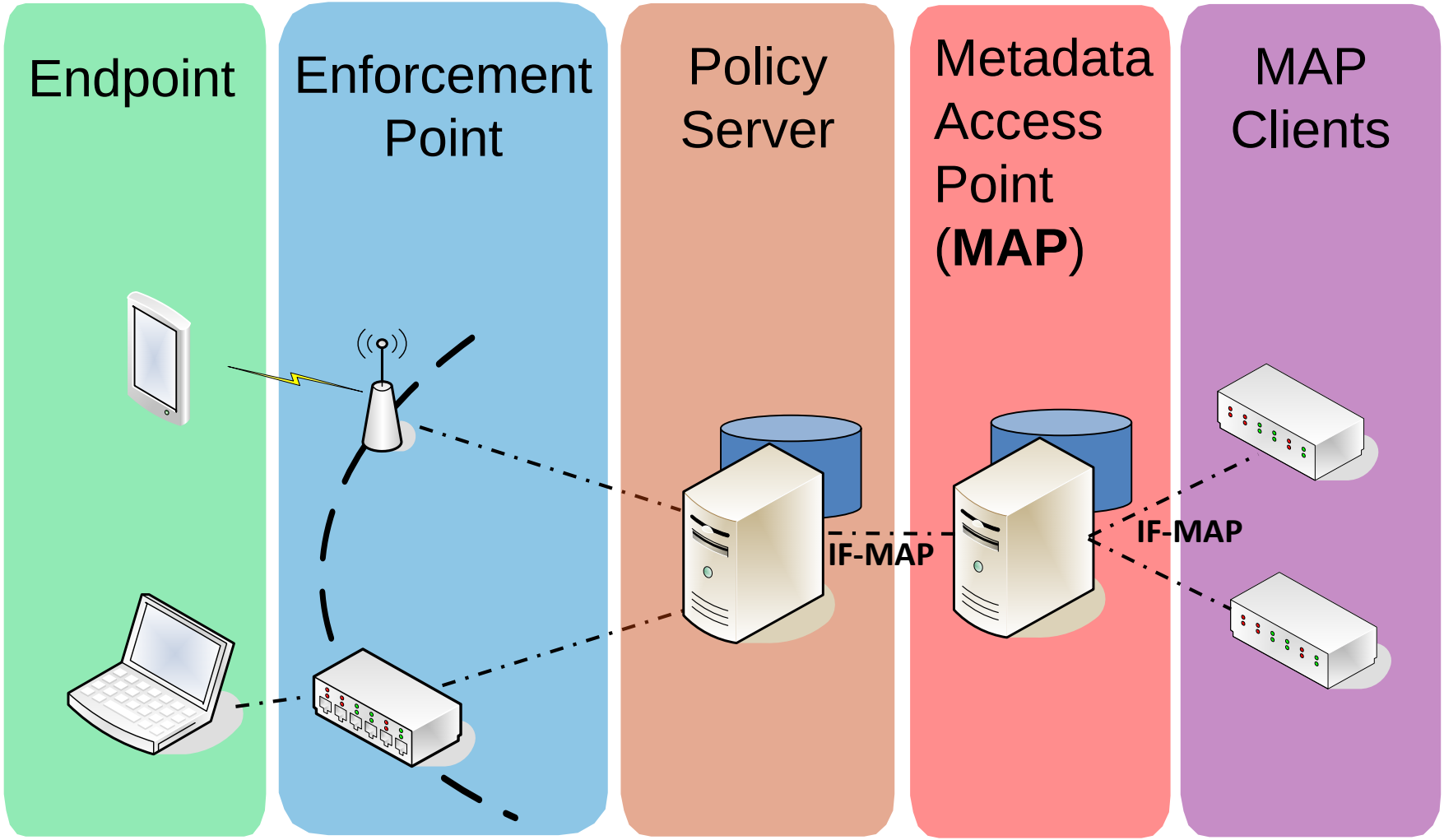

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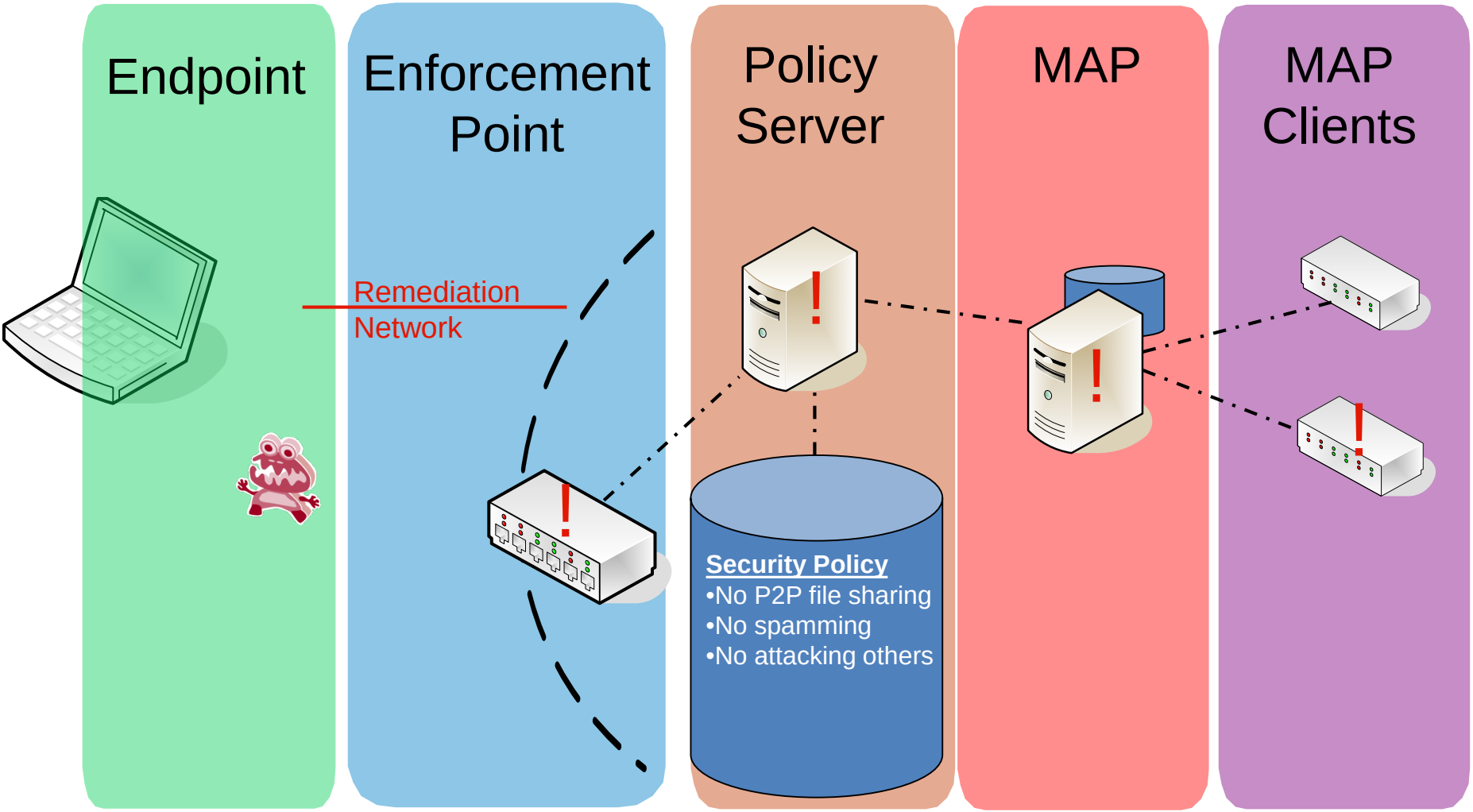

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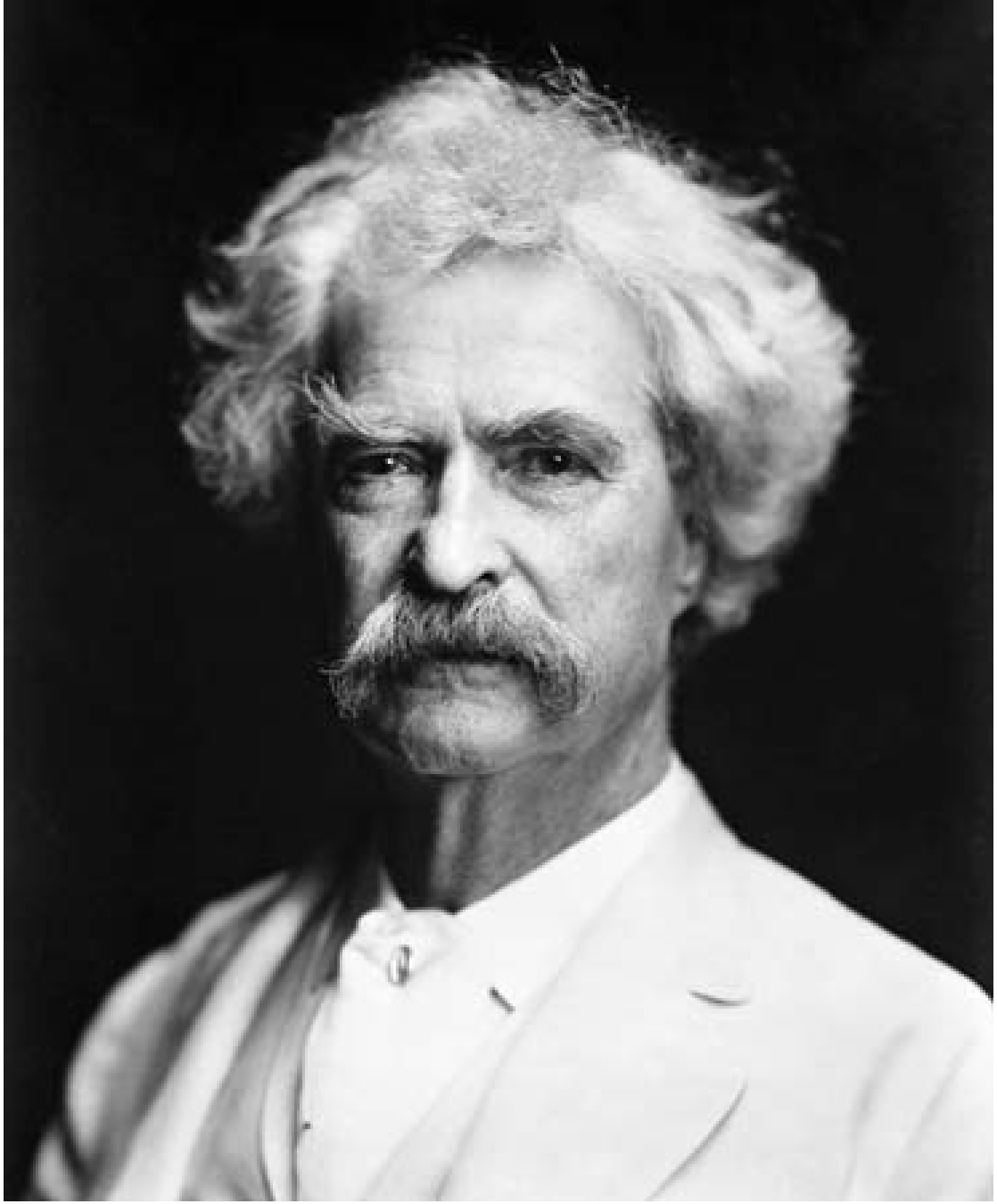

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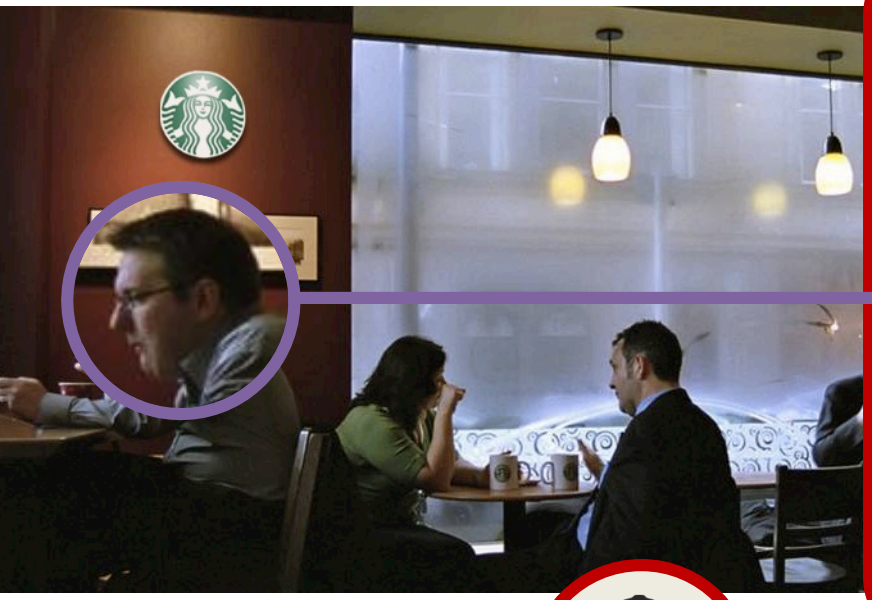
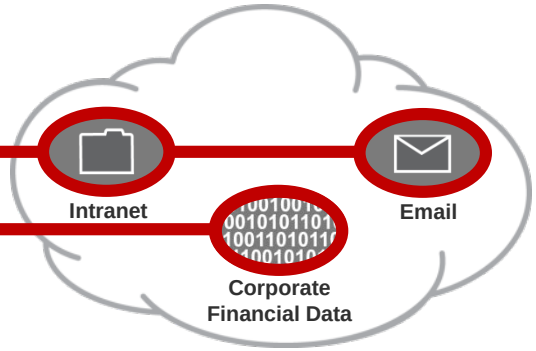
Doesn't have Intelligence to detect Malware on Client



Connected To Corporate Network

Can't inspect content in network



Can't control access to sensitive data

Can't protect user from cloud-based threats

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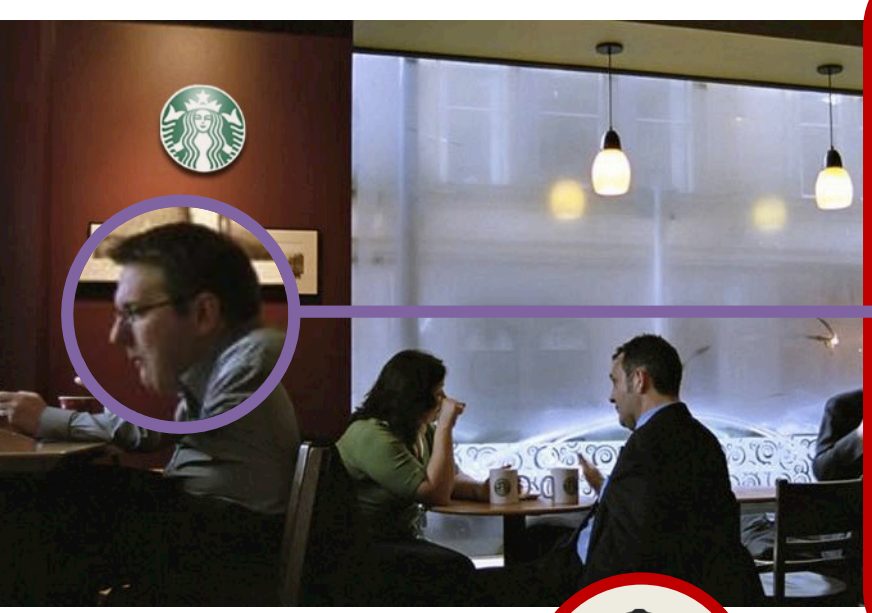
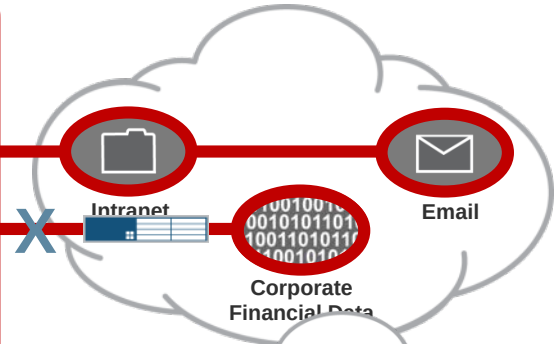
CAN detect malware on the client

CAN enforce access via user, location and device context





CAN coordinate security to provide access control to sensitive information

CAN enable Client traffic directed to Cloud, CAN scrub and detect malware

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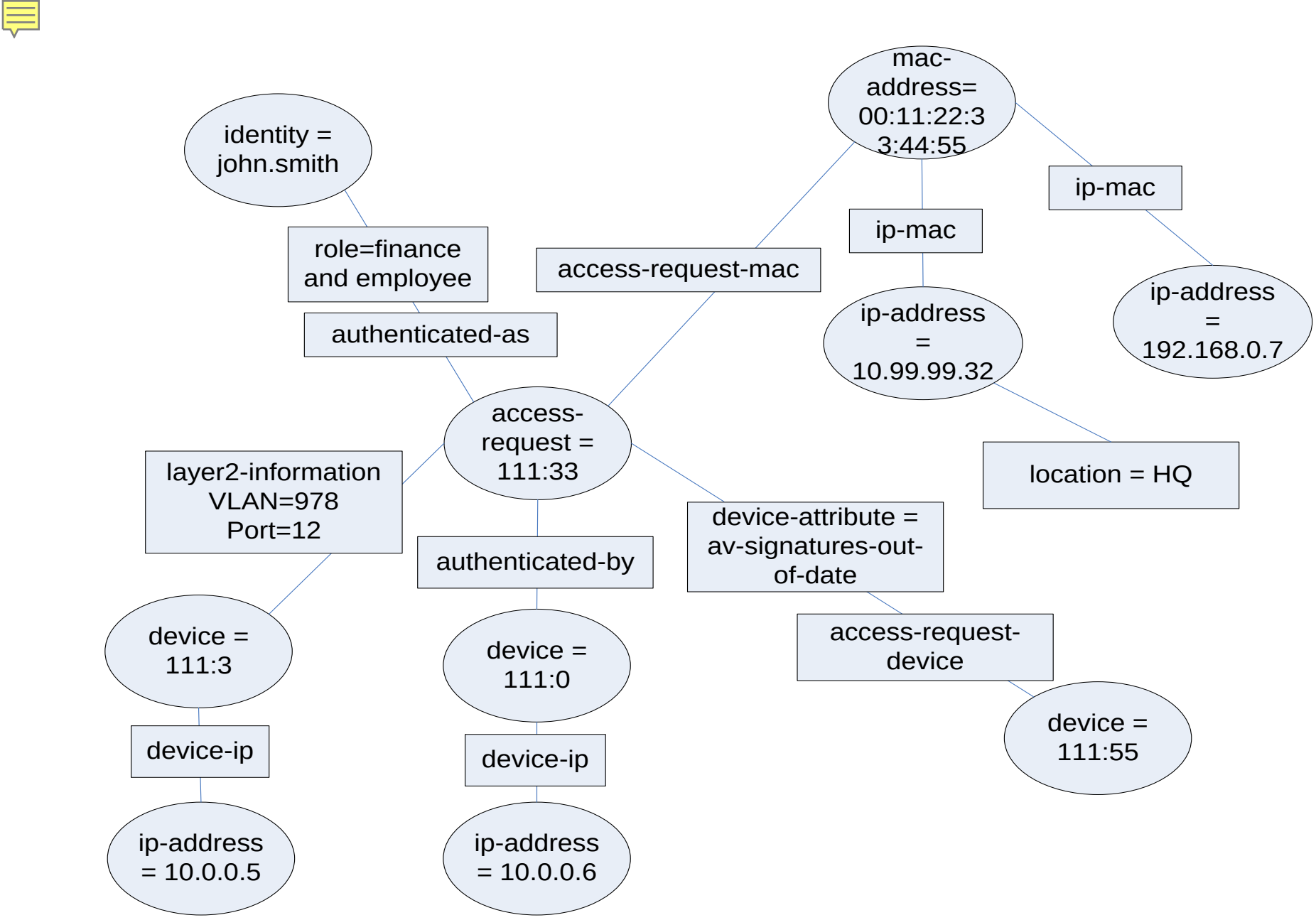

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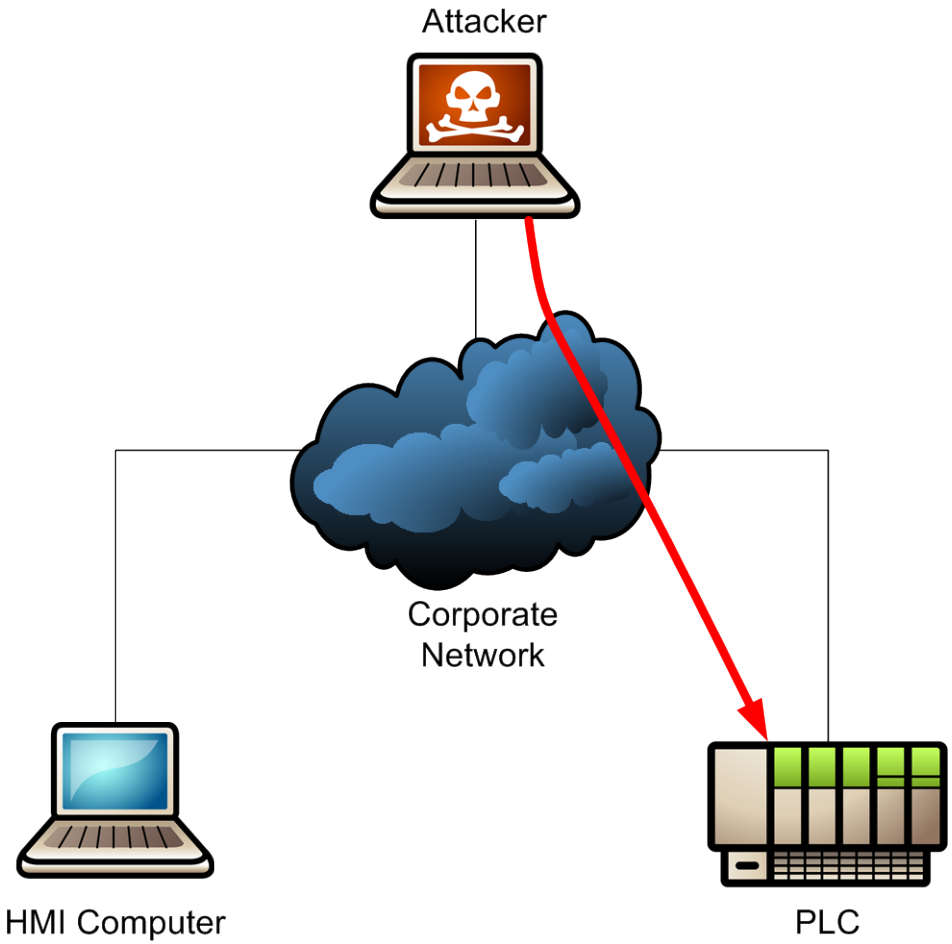

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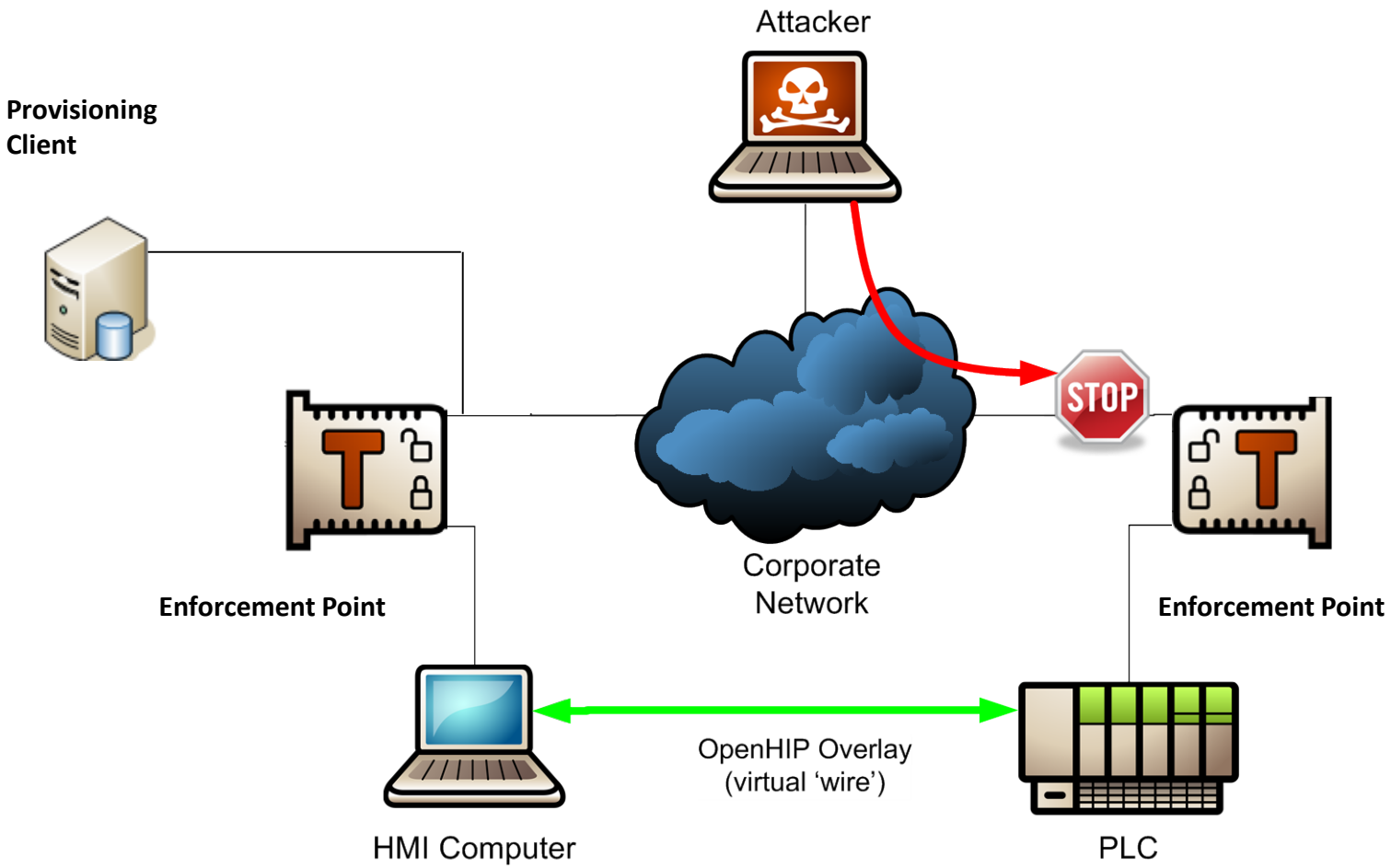
Attacker
Provisioning
Client
STOP
Corporate
Network
Enforcement Point
Enforcement Point
OpenHIP Overlay
(virtual 'wire')
HMI Computer
PLC

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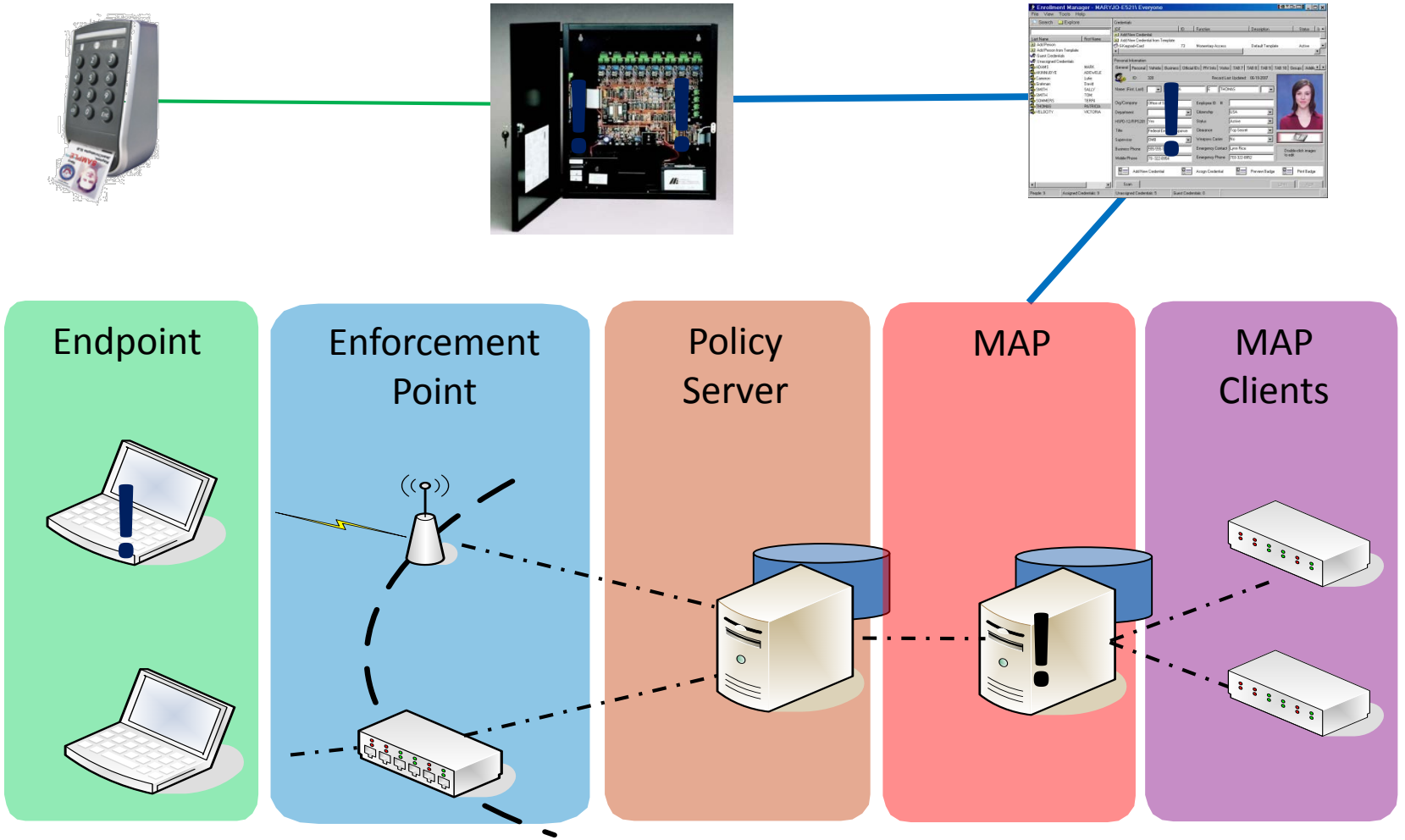

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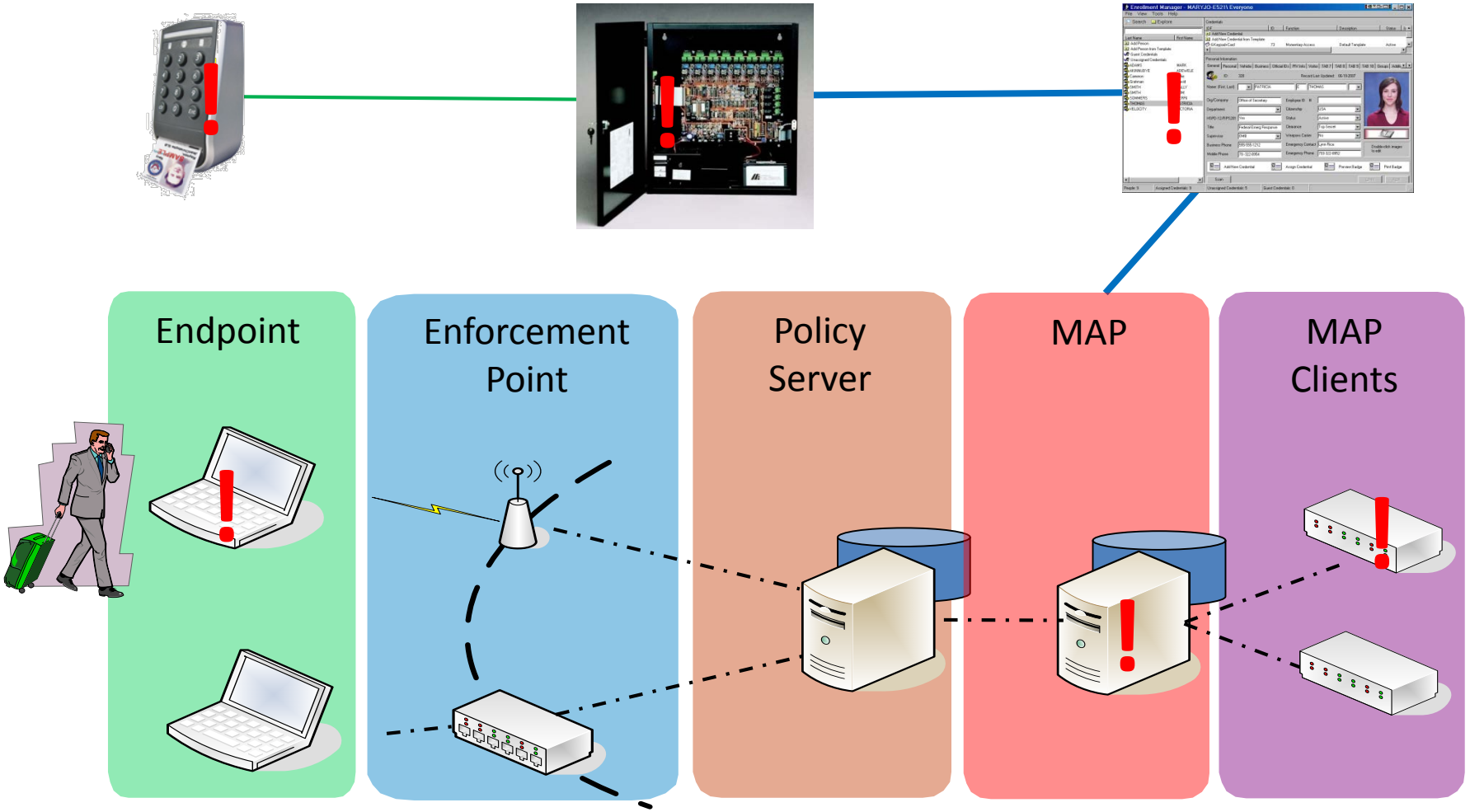

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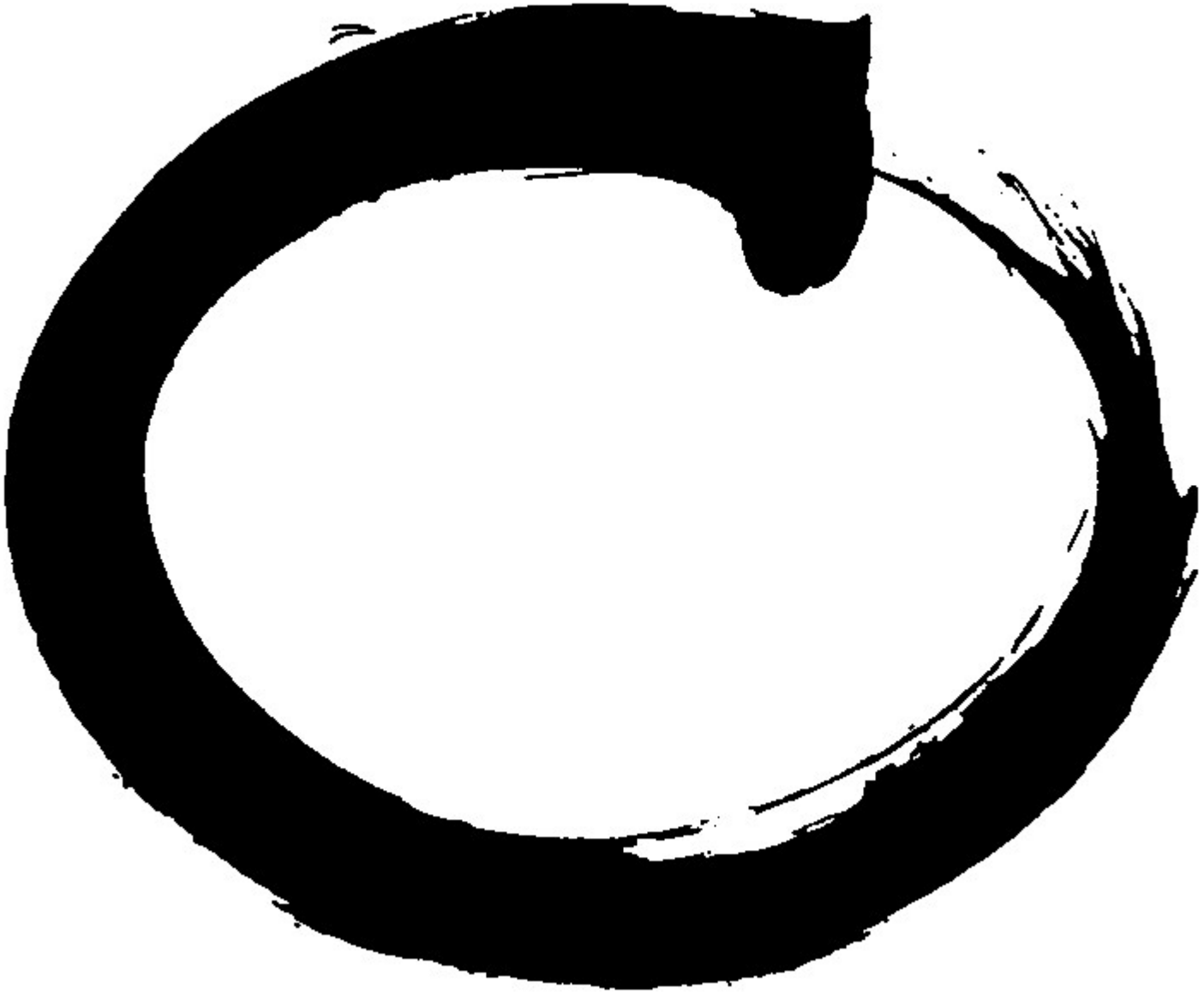

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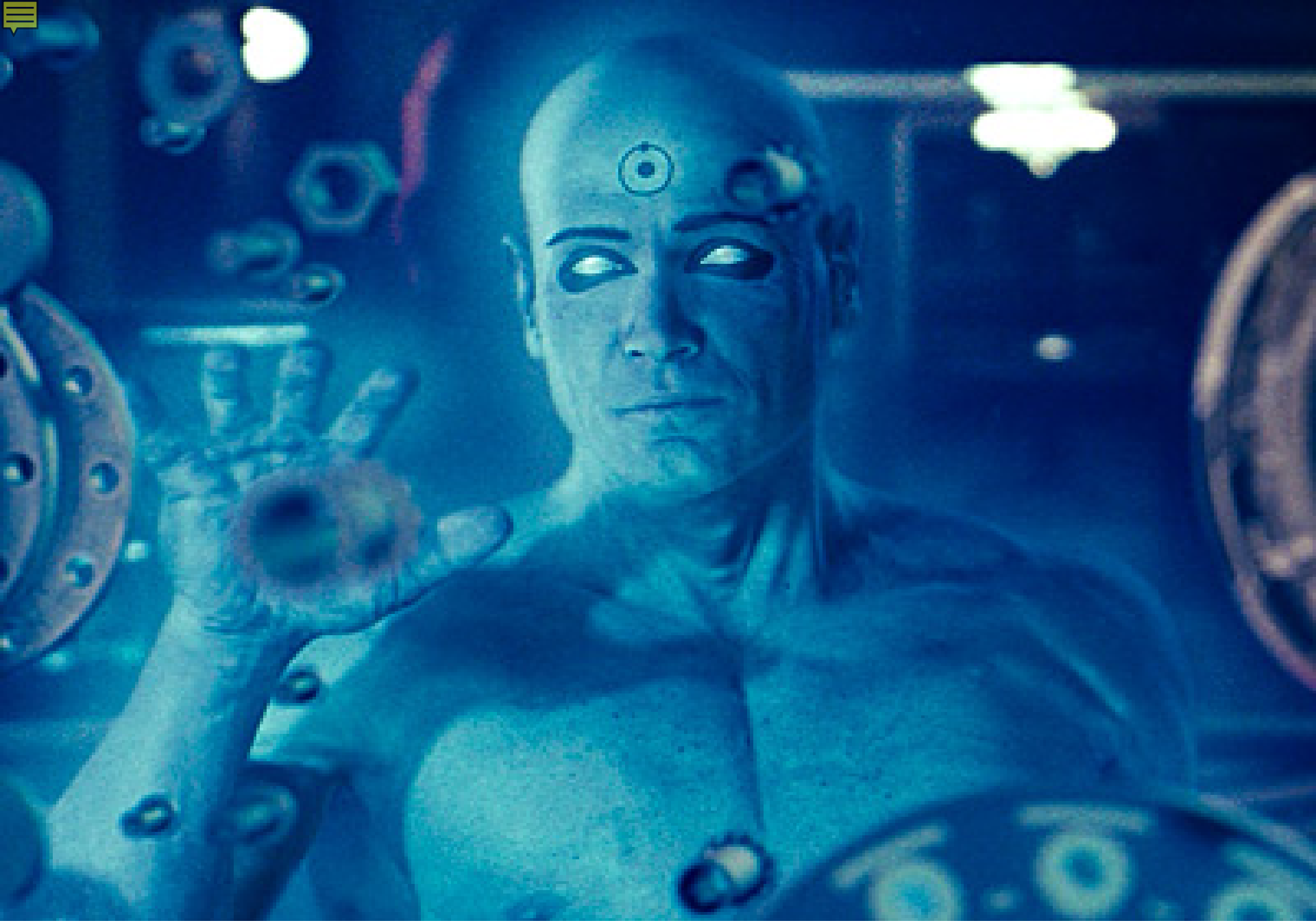

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- TNC & IF-MAP
  - IF-MAP Standards & FAQ
    - http://www.trustedcomputinggroup.org/community/2014/03/ifmap_22__learning_from_experience
    - http://www.trustedcomputinggroup.org/resources/tnc_ifmap_binding_for_soap_specification
    - http://bit.ly/KKpdDx
  - Mobile Security Architects Guide
    - http://www.trustedcomputinggroup.org/resources/architects_guide_mobile_security_using_tnc_technology
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