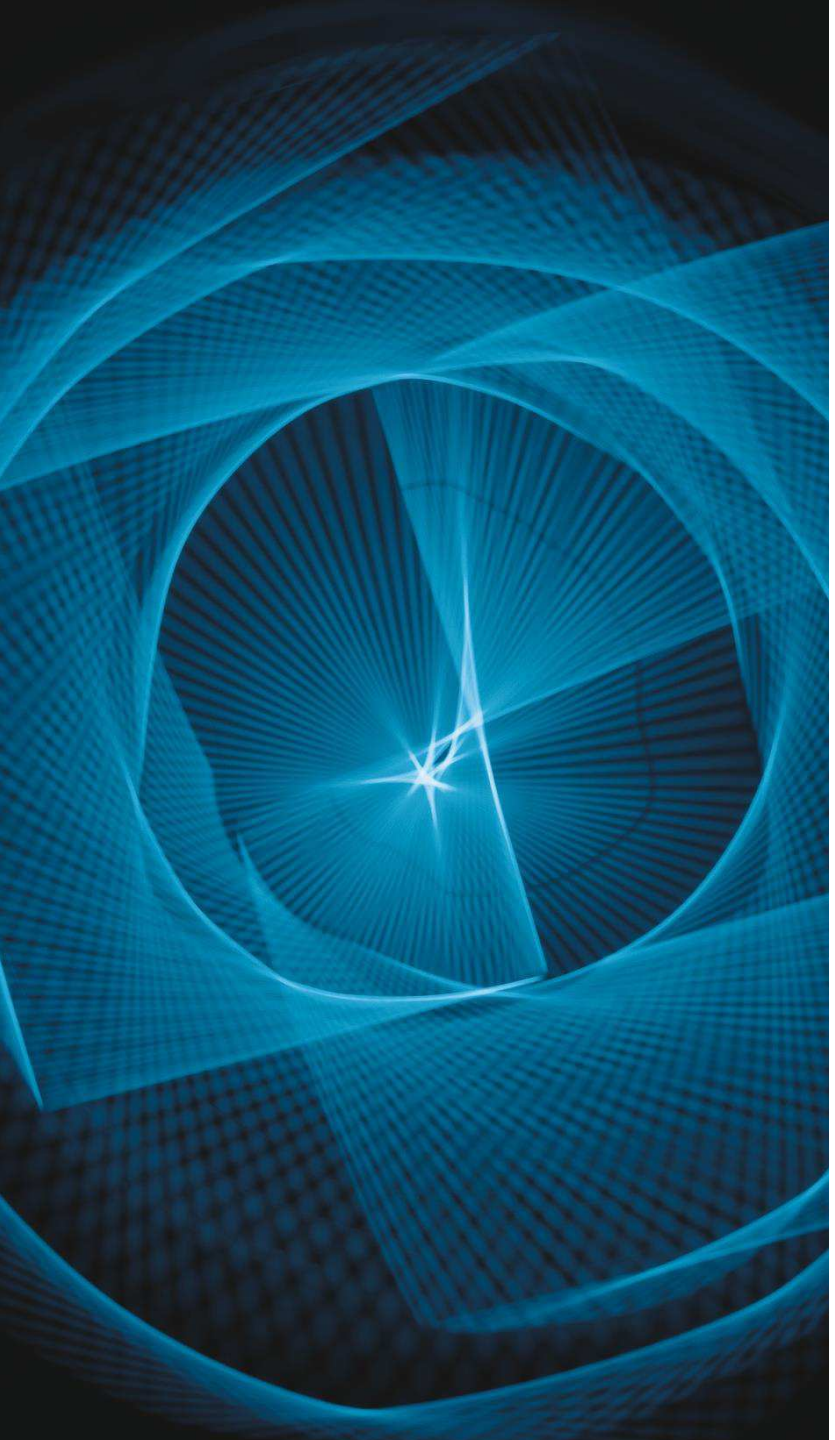

Lookout

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Conditional Access with Lookout & Intune

Mark Riley, OCG Principal Architect
Brandon Hatfield, Lookout Security Engineer

November 15, 2016

Delivering **long-term, value-added** services for Identity & Access Management, Identity Governance, and Data Protection

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Why OCG?

- 15+ year track record deploying identity and hybrid-identity solutions
- Over 7 million Office 365 seats deployed
- Microsoft Identity Partner of the Year 2013-2014, EMS Partner of the Year 2015
- Deep connections with Microsoft Cloud engineering team

Planning & Assessment

Azure AD POC
Intune POC
RMS POC

Envisioning workshops

Readiness assessments

Security reviews

AD health-checks

Training courses

Deployment Services

Azure AD pilots
AD FS pilots
Intune pilots
RMS pilots

Office 365 integration/migration

FIM/MIM integration

Azure Marketplace Application Integration

SMS integration

Managed Services

Help desk support

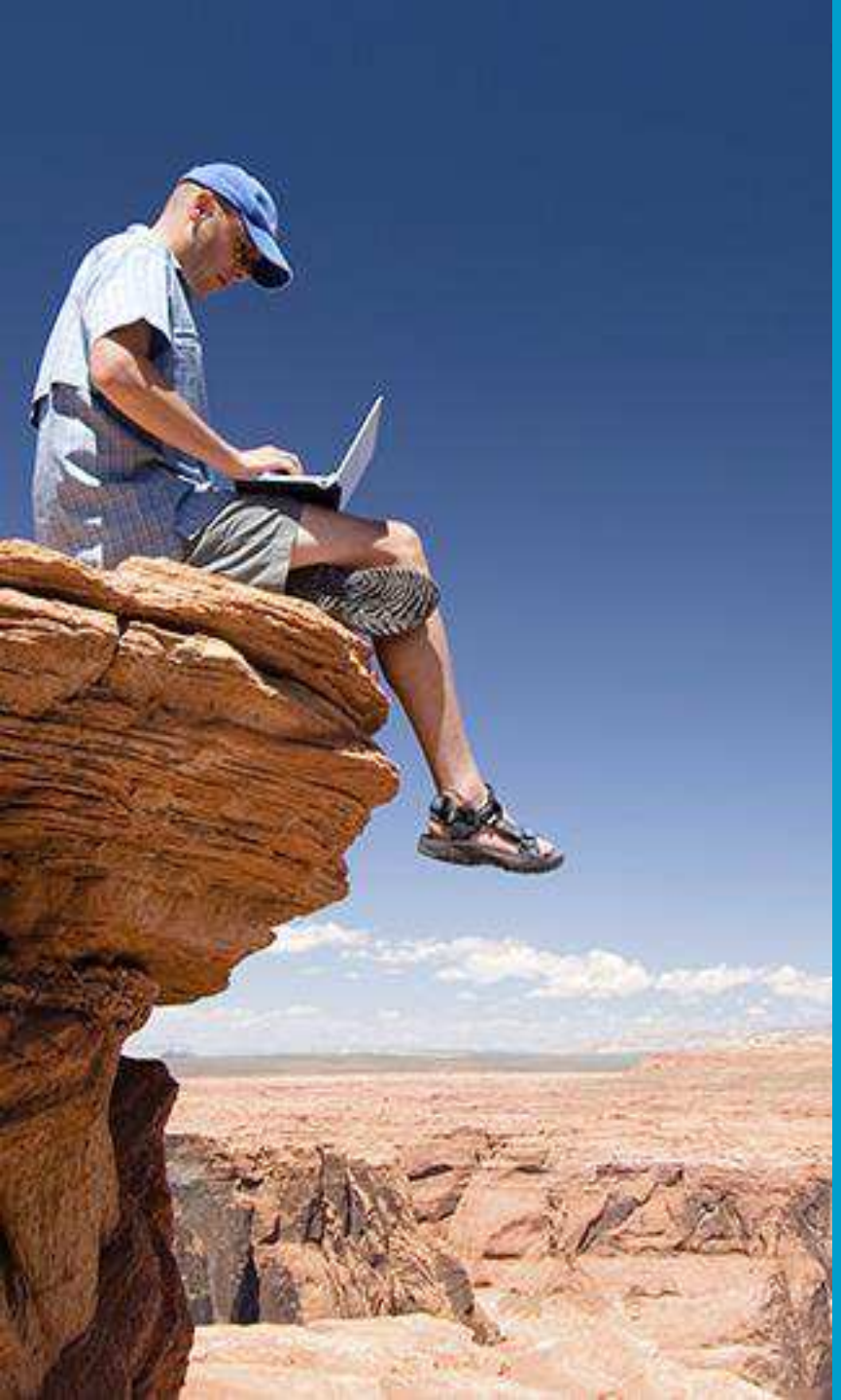
System Center integration

24x7 monitoring, alerting & logging

Maintenance

3rd party application management

Training courses



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Agenda

- Conditional Access overview
- Intune Conditional Access features
- Introduction to Lookout
- Lookout and Intune integration for Conditional Access
- Demo
- Q&A

The New Firewall

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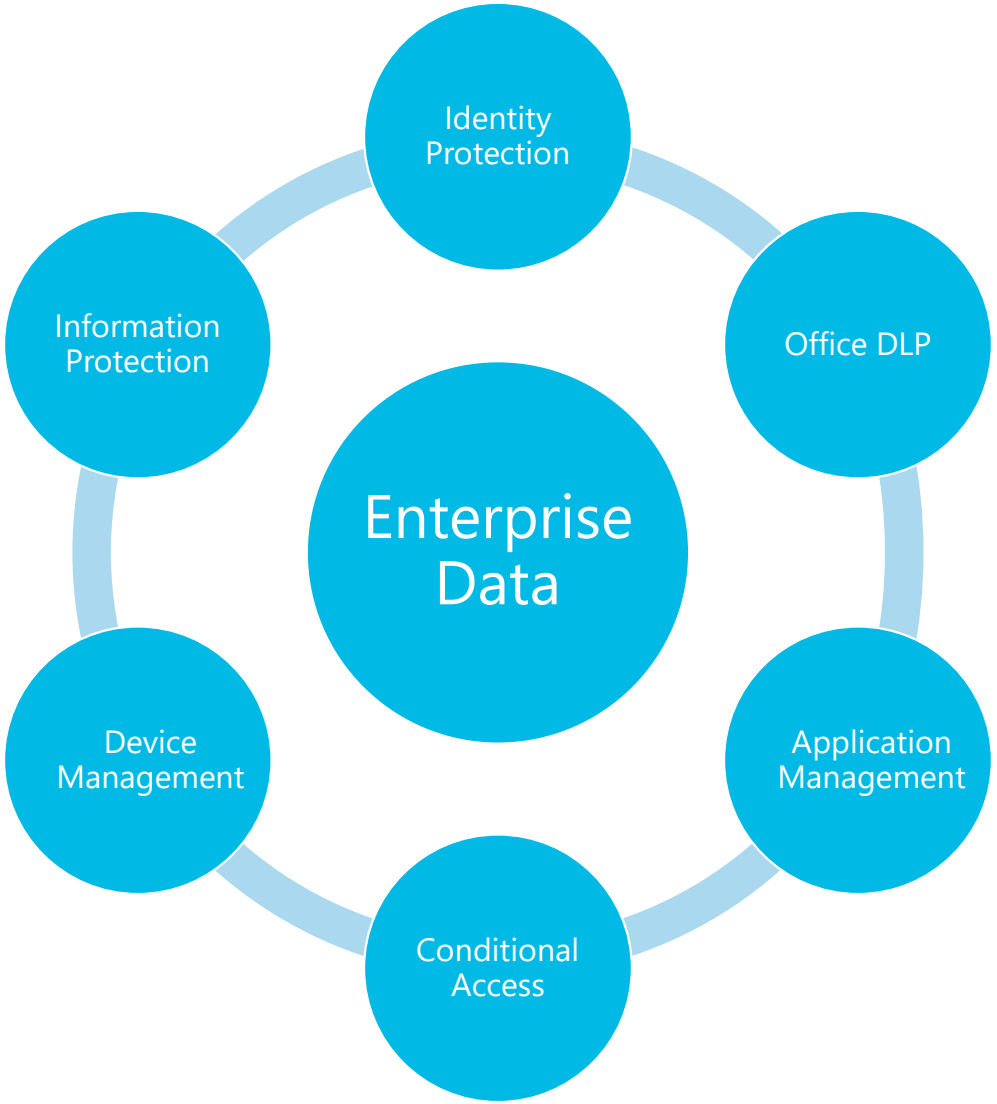

Conditional Access Overview

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- Conditional Access – Variable User Experience
- React to various inputs/states to determine users' level of access
  - Location
  - Device
  - Resource/App being accessed
  - Domain Joined/Registered
- May apply Multi-Factor Authentication (MFA)
- May deny access based on state of settings

Conditional Access

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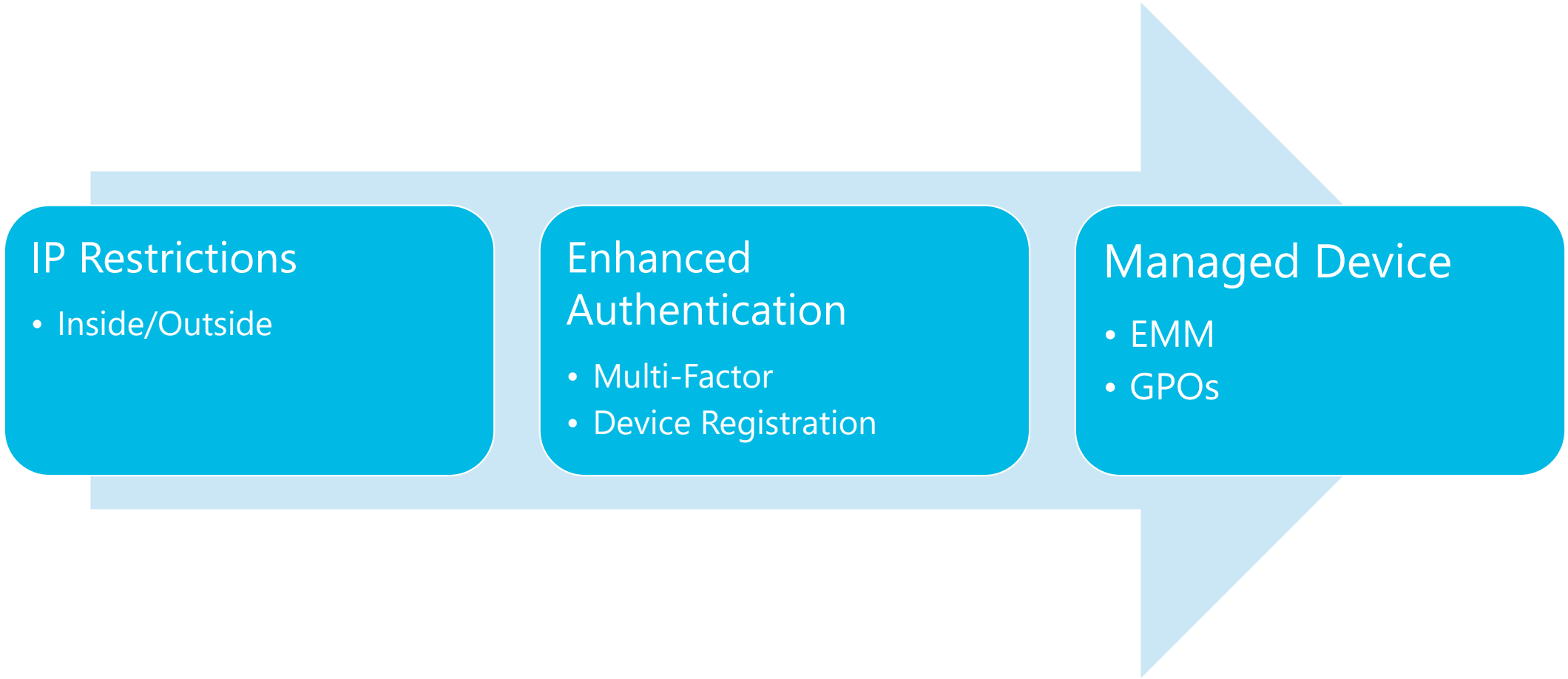

Overview

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- Many of these settings may be applied in a pure cloud environment
- More granular control may be available for some settings in On-Premises Federation (e.g. ADFS)
- Microsoft extending Conditional Access from Mobile Devices (EAS) to Rich clients as well (Outlook Anywhere)
- Currently configured in the Intune Console
  - Even in SCCM Integrated environments

Mobile Device Management (MDM)

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- Compliance Policies
- Configuration Policies
  - Wi-Fi Configuration
  - VPN Configuration
- Application Distribution
- Certificate Distribution
  - Root CA certificates
  - User certificates

- Custom Configurations
- Selective Wipe
- Full Wipe
- Asset Tracking
- Reporting
- App Configuration*

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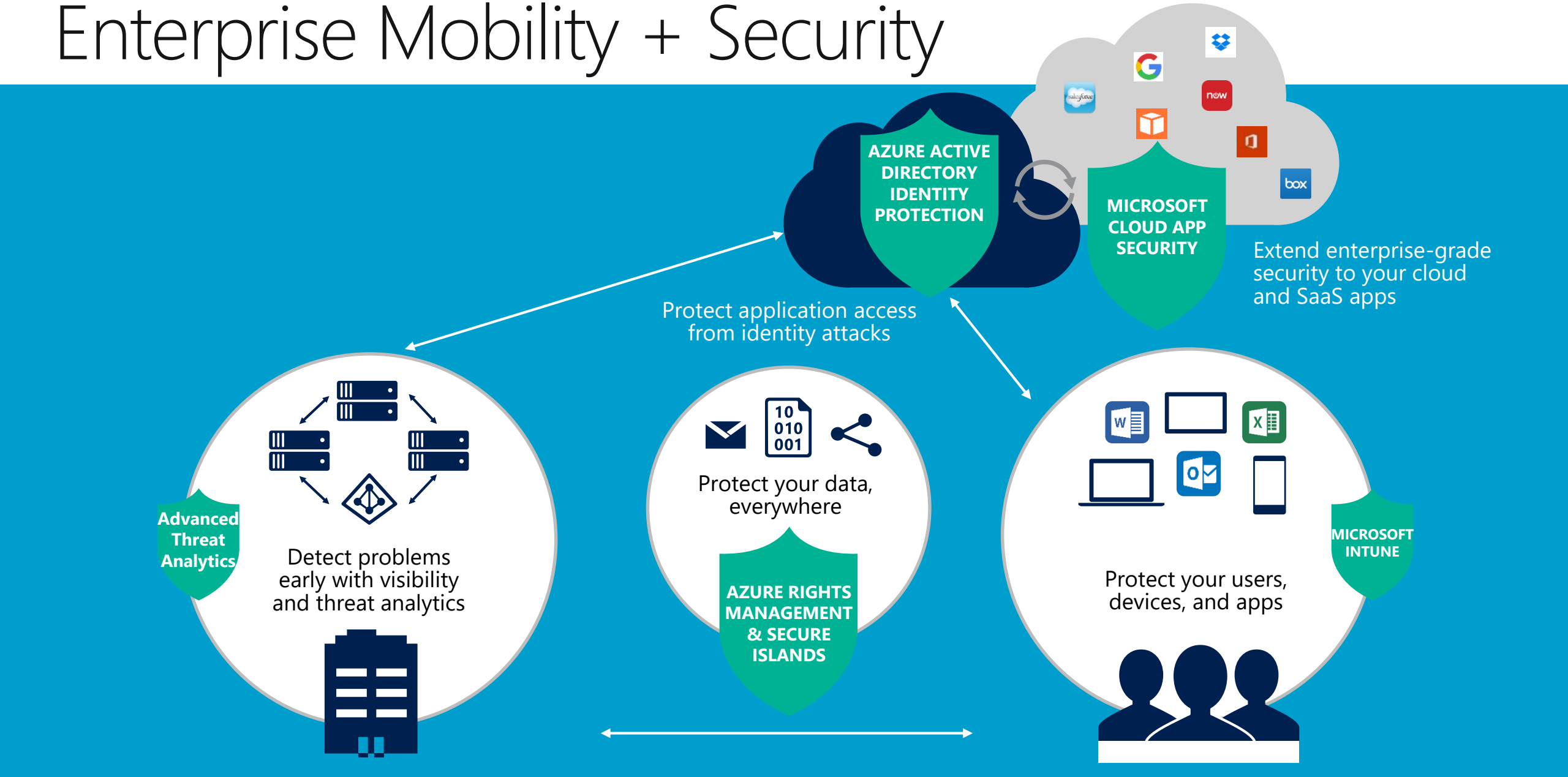
Demo: Intune User Enrollment

IDENTITY-DRIVEN SECURITY

Enterprise Mobility + Security



Lookout

- Founded in 2007
- Focused exclusively on securing mobility
- Security for organizations and consumers
- Worldwide distribution and support

OUR PARTNERS

at&t

T-Mobile

Deutsche Telekom

Sprint

orange

KDDI

E

Telstra

Microsoft

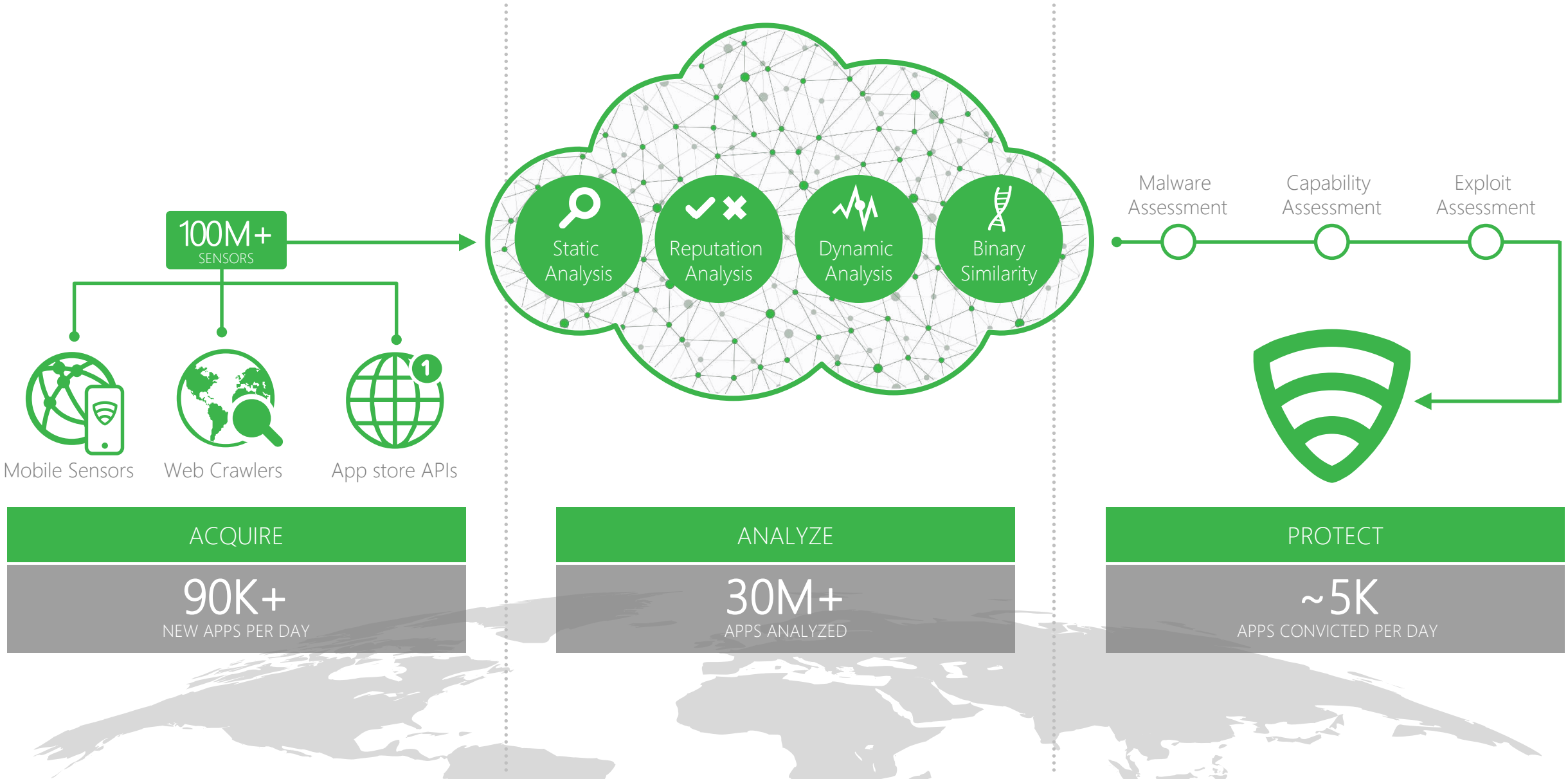
The Lookout Security Cloud

Mobile First
cloud-delivered security

100 Million+
mobile sensors

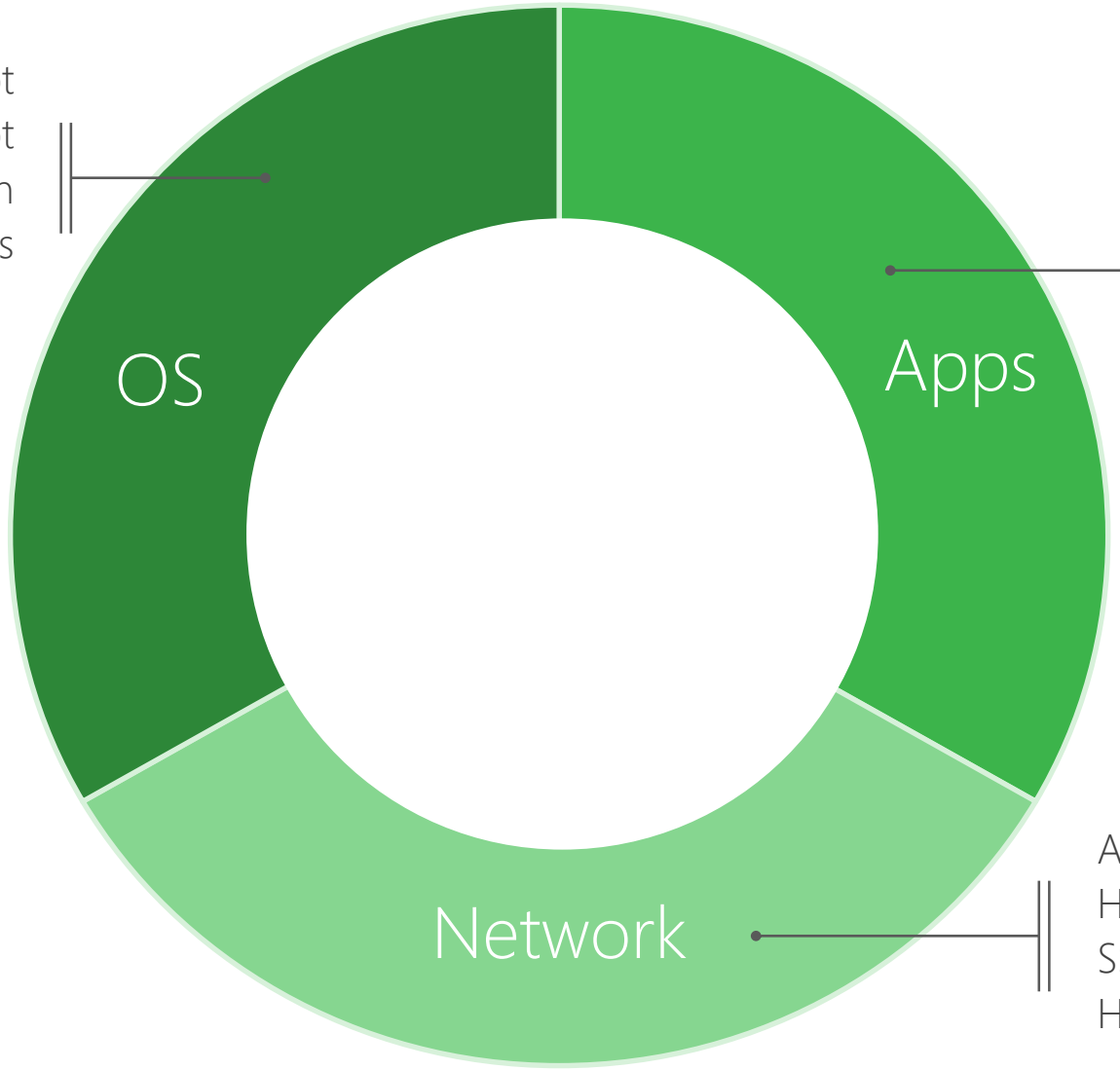
Machine Intelligence
driven decisions

So We Can Approach Mobile Security as a Big Data Problem



Mobile Endpoint Security Protections

End user jailbreak/root
Malicious jailbreak/root
OS vulnerabilities exploitation
Data on stolen devices

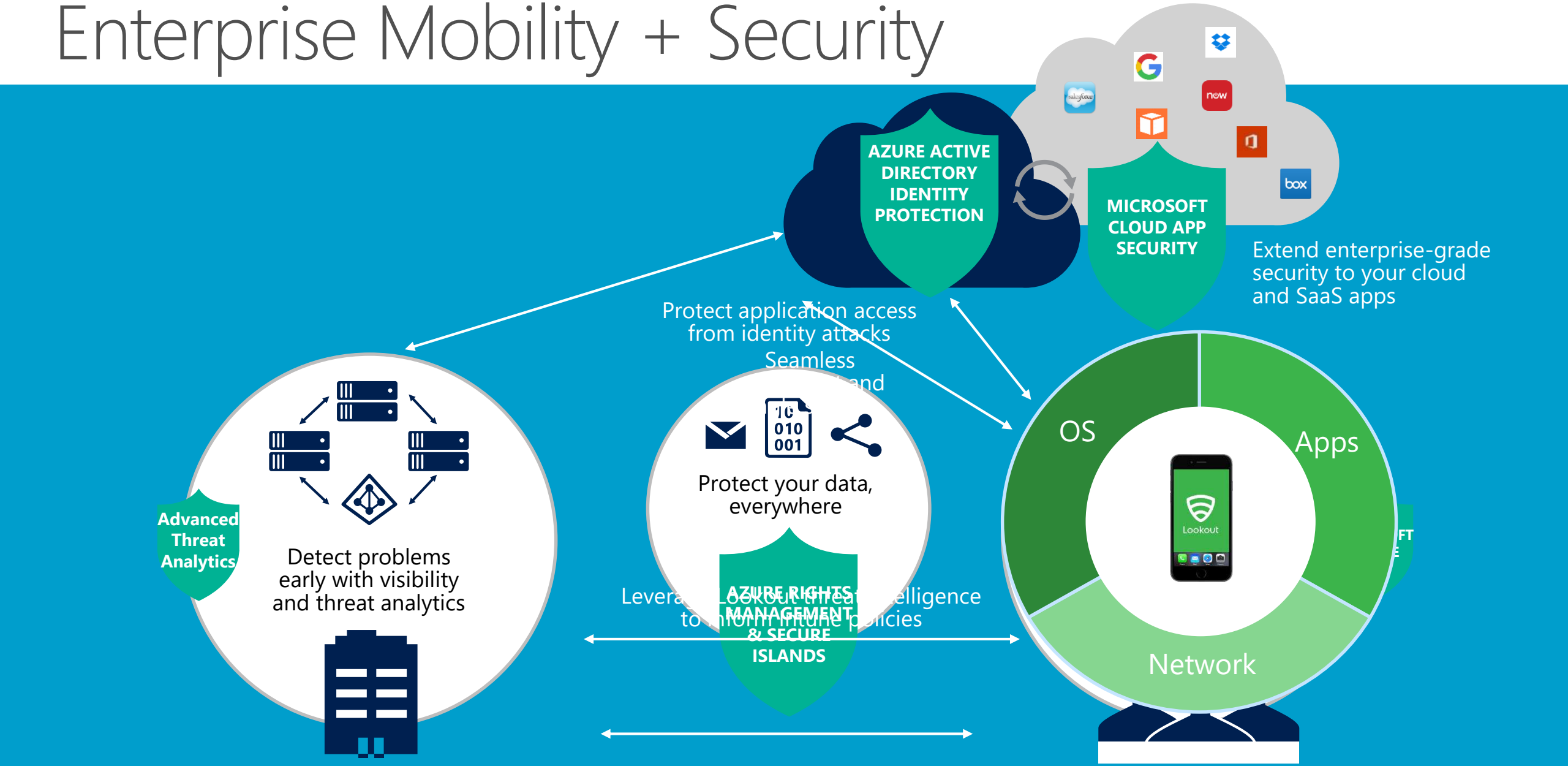


Malicious apps
Non-compliant apps
App vulnerability exploits
Data leakage

Anomalous Root CA
Hostile Proxies/VPNs
SSL Bump/Strip Attacks
Host Cert Hijacking

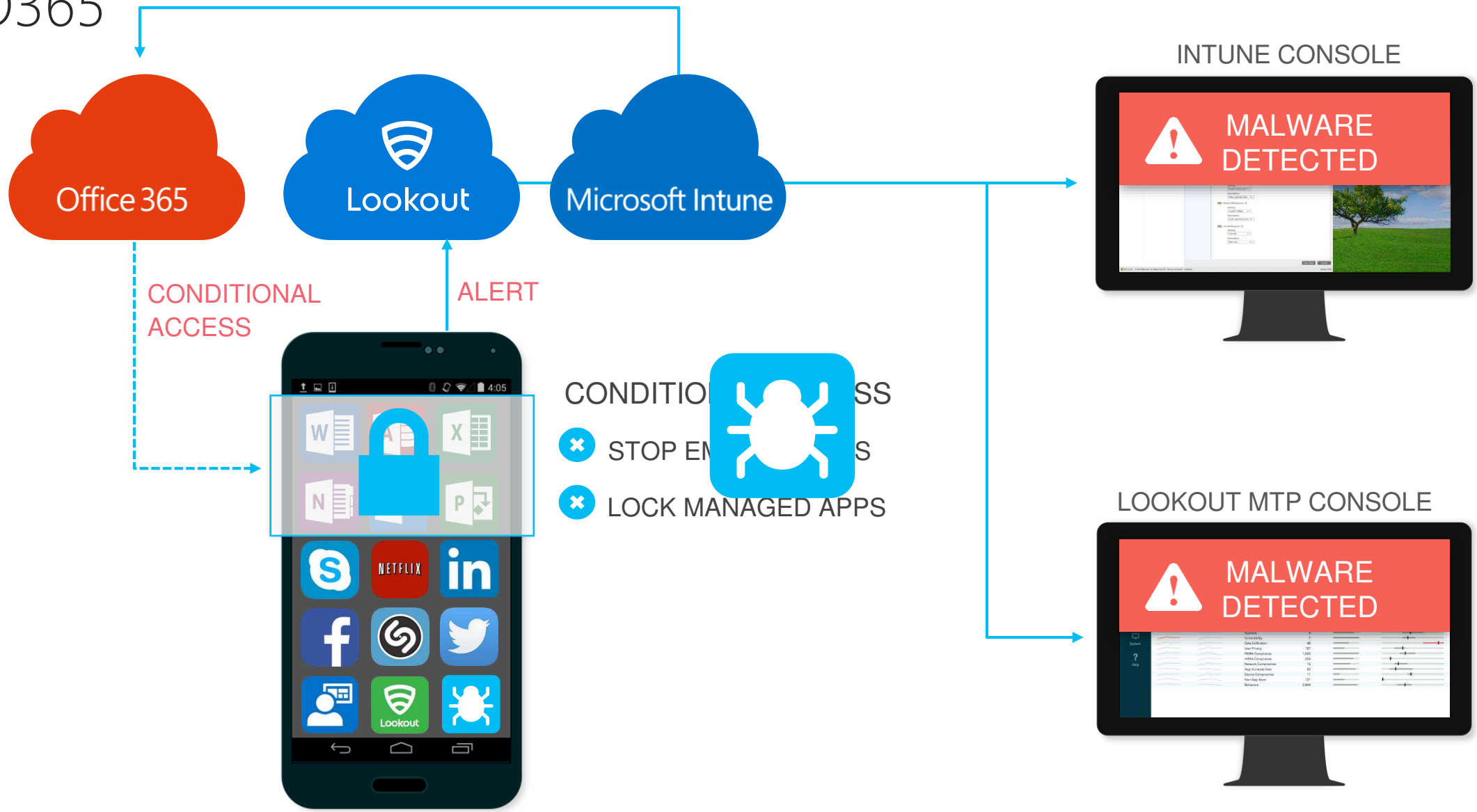
IDENTITY-DRIVEN SECURITY

Enterprise Mobility + Security

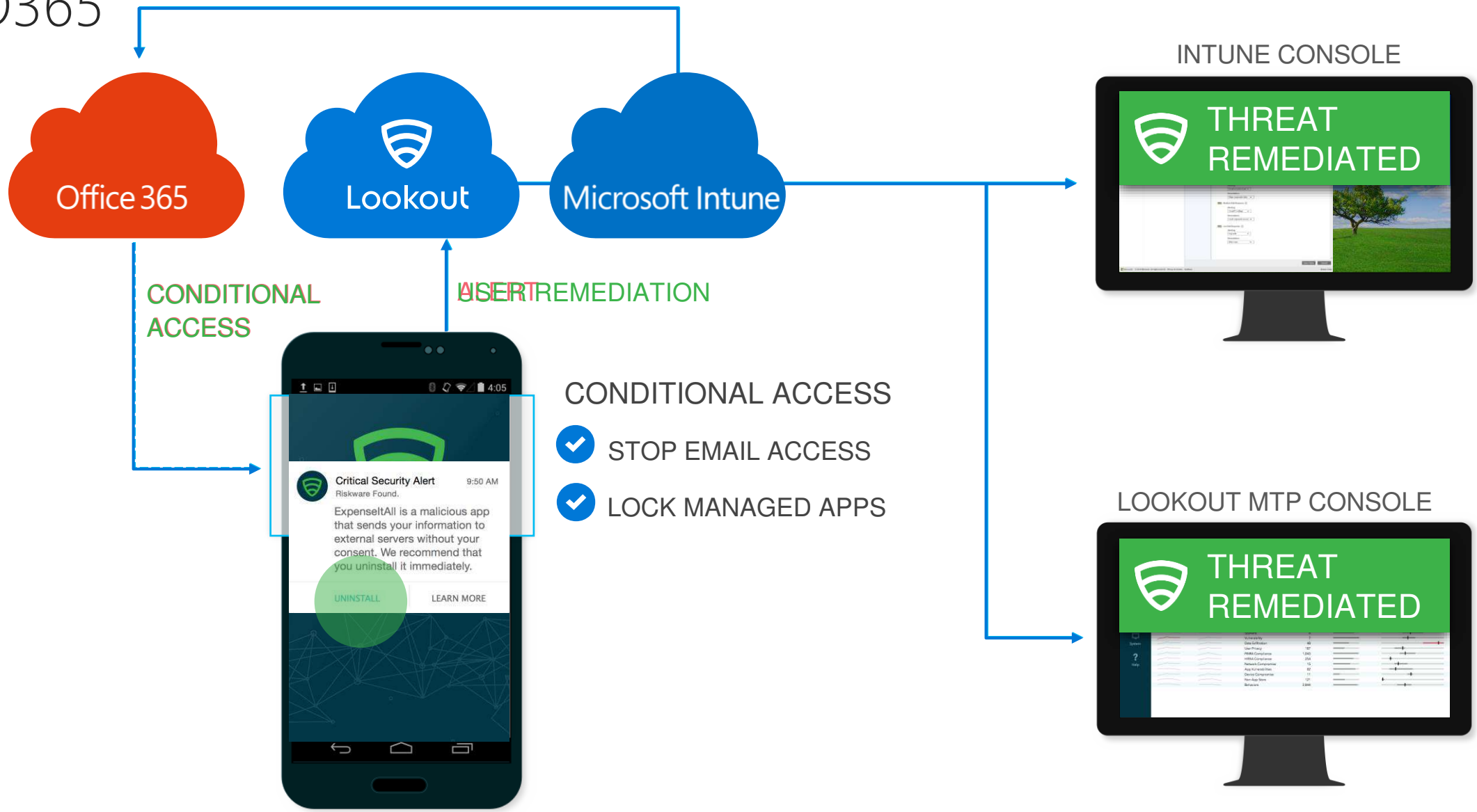


Risk-Based Conditional Access

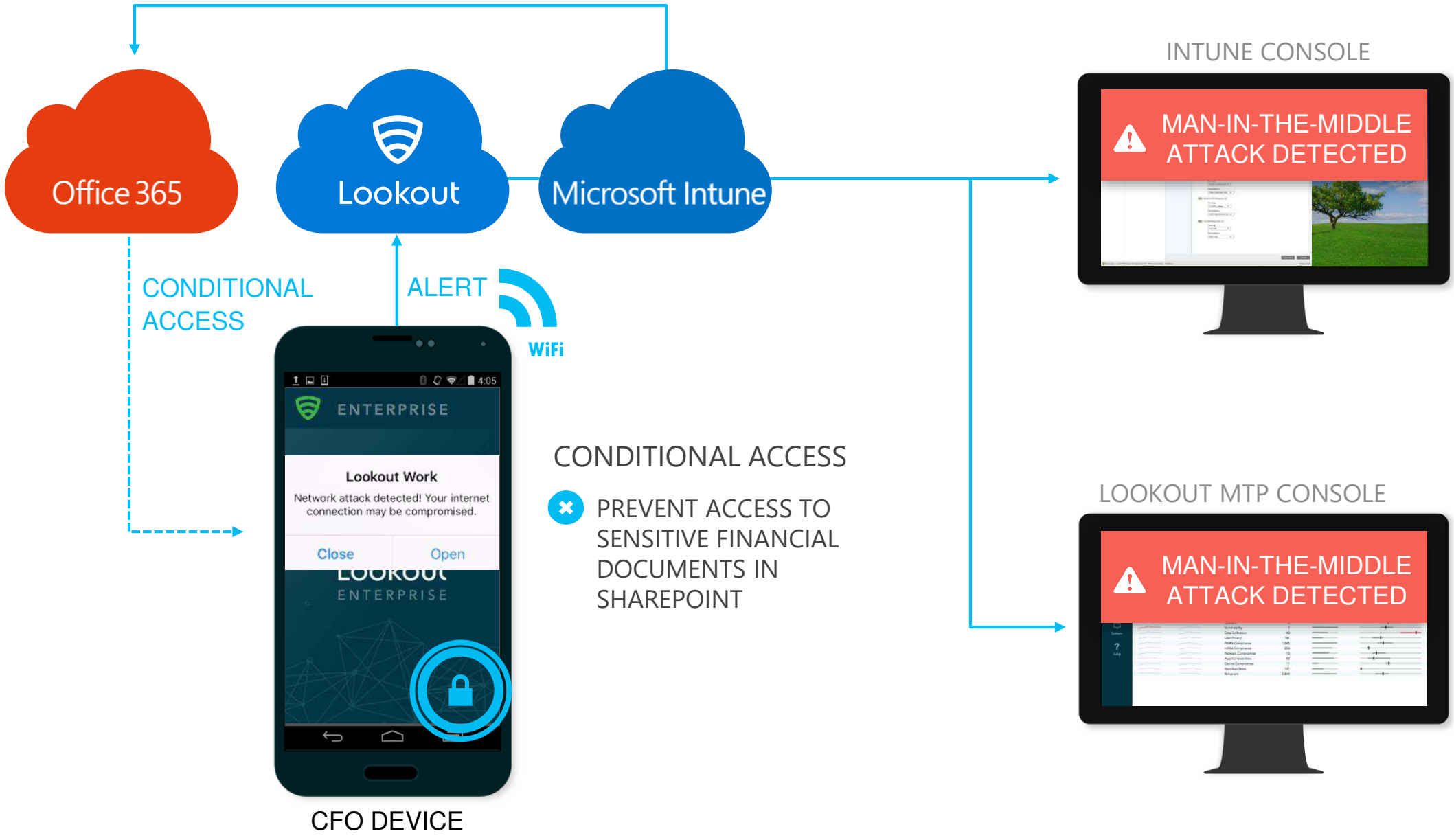
SCENARIO 1: App-Based Threat Triggers Conditional Access to O365



SCENARIO 1: App-Based Threat Triggers Conditional Access to O365



SCENARIO 2: Network-Based Threat Triggers Conditional Access to SharePoint



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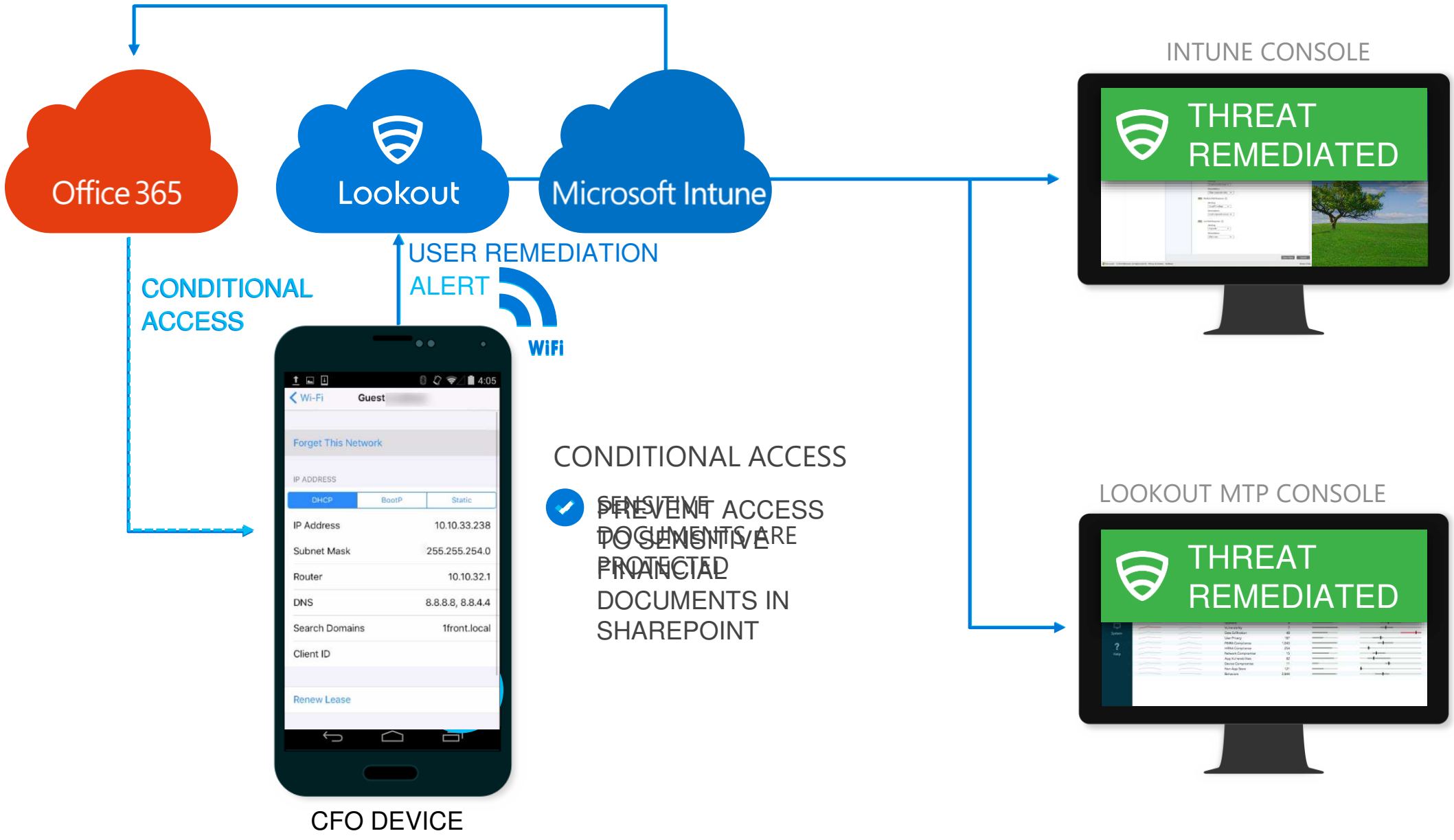

Enrolling Lookout (Demo)

Summary

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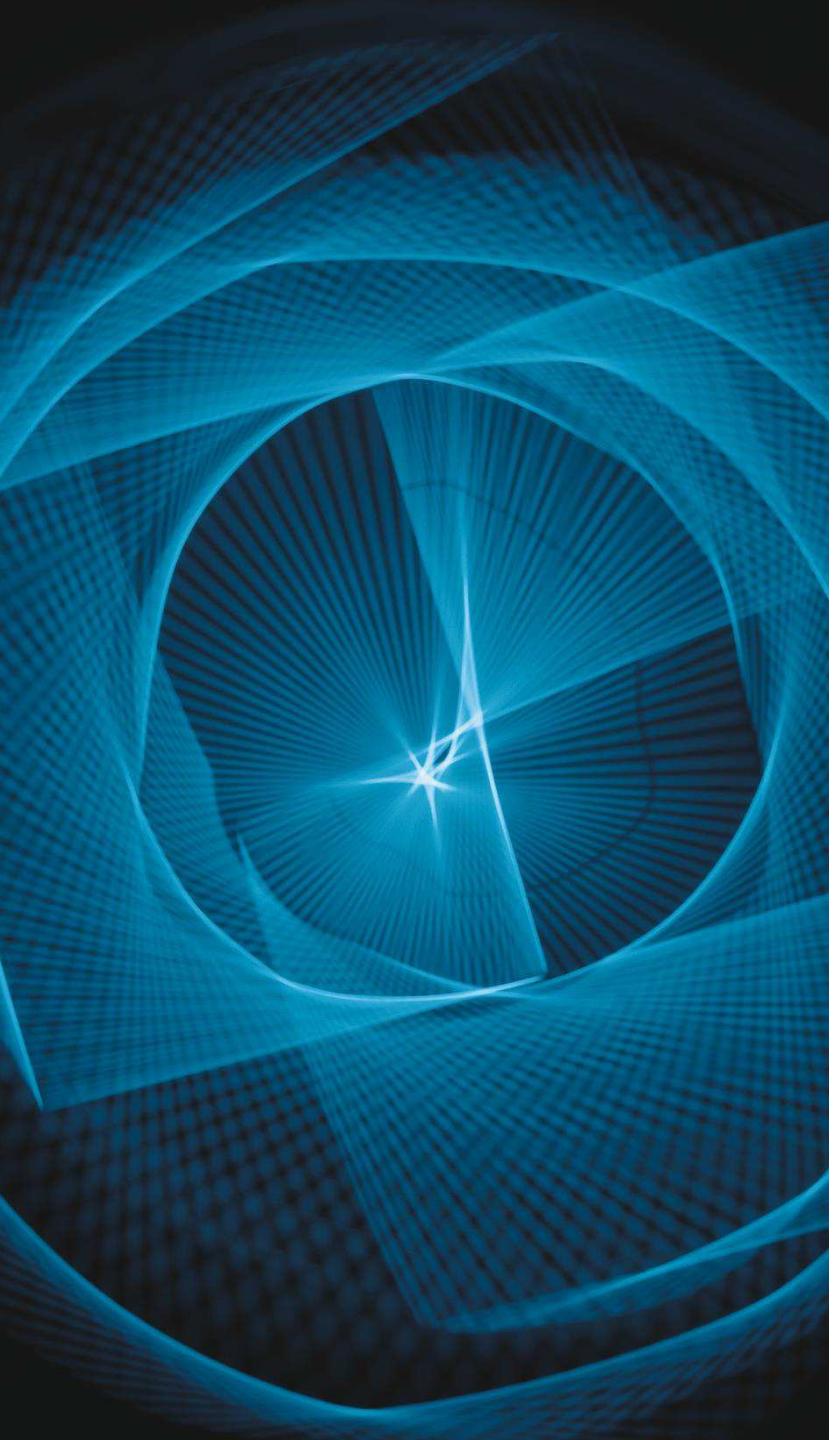
- Lookout and Intune together represent cutting-edge technology in protecting mobile corporate data
- IP Restrictions
- Control access to SaaS apps
- Device Registration/Domain Join
- Control access to Exchange from Rich Clients (Outlook)
  - See our next webinar on Conditional Access December 15, 2016



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Q&A

Upcoming Events

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OCG Events Page

Topic	Presenter	Date	Type
Maximizing Microsoft Identity Manager in EDU	Hugh Simpson-Wells, OCG	12/1/16, 8:30am Pacific	Webinar
Conditional Access for Rich Clients	Mark Riley, OCG	12/15/16, 9am Pacific	Webinar
2017 Redmond Summit: Identity-Driven Security	Various OCG, Microsoft, partner, and industry speakers	May 9-11, 2017 Microsoft's Redmond Campus	In-person Summit

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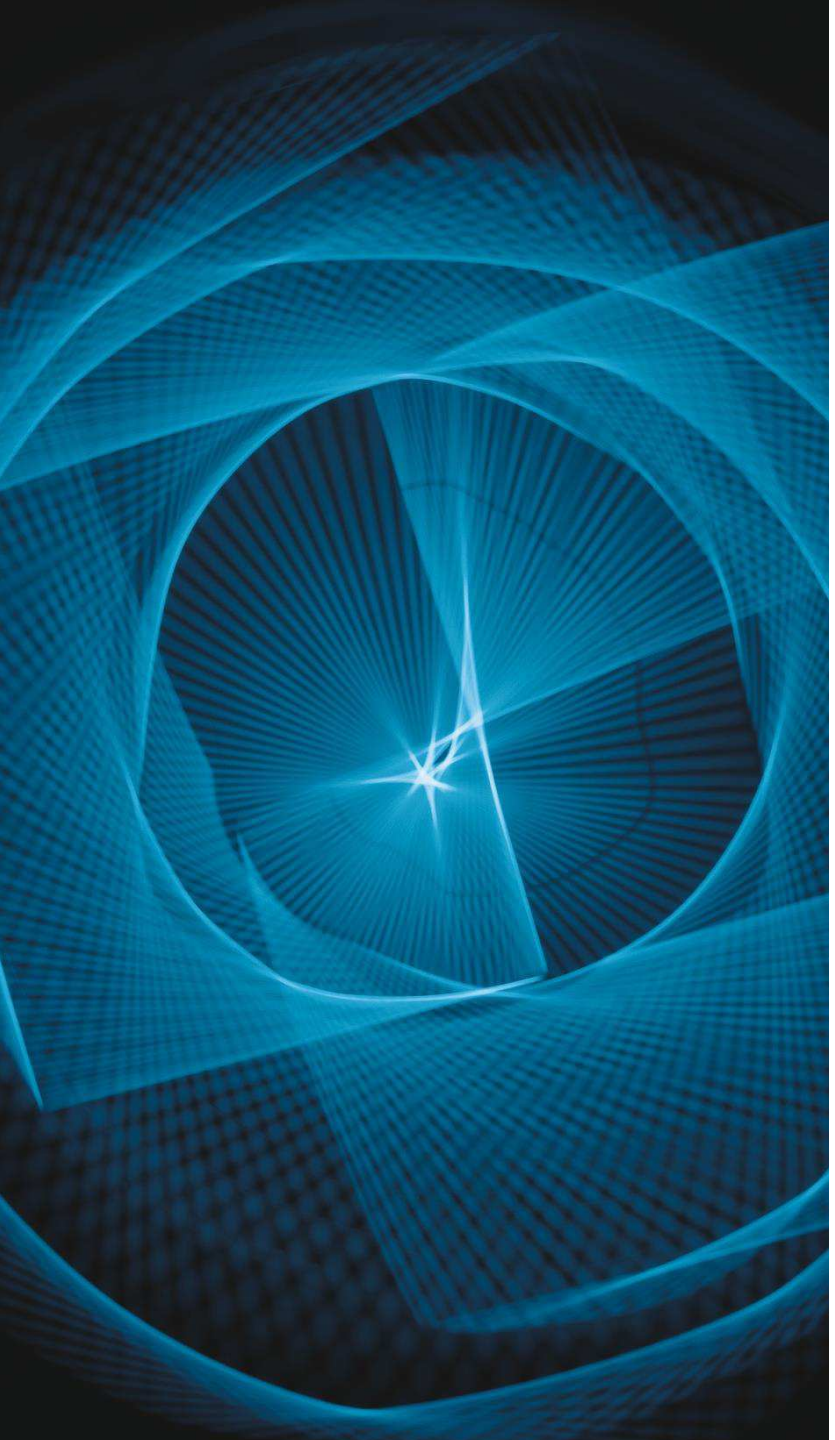

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Thank you!