

# Secure Identities and Access: 3-Week Workshop

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by Exelegant & Microsoft



This provider has demonstrated competency in the following areas

Gold	Communications
Gold	DevOps
Gold	Data Analytics
Gold	Data Platform
Gold	Cloud Productivity
Gold	Security
Gold	Cloud Platform
Gold	Windows and Devices
Gold	Collaboration and Content
Gold	Messaging
Silver	Small and Midmarket Cloud Solutions
Silver	Enterprise Mobility Management
Silver	Application Development
Silver	Project and Portfolio Management
Silver	Datacenter

## 10 -Time Gold Microsoft Partner



[Visit Website](#)

### About us

Exelegant is a cyber security and professional services company where efficiency is standard, and our customers are our partners. Headquartered in Freehold, NJ with supporting offices in Newark, NJ and L'viv Ukraine, Exelegant leverages years of experience to bring about a world-class experience for our clients.

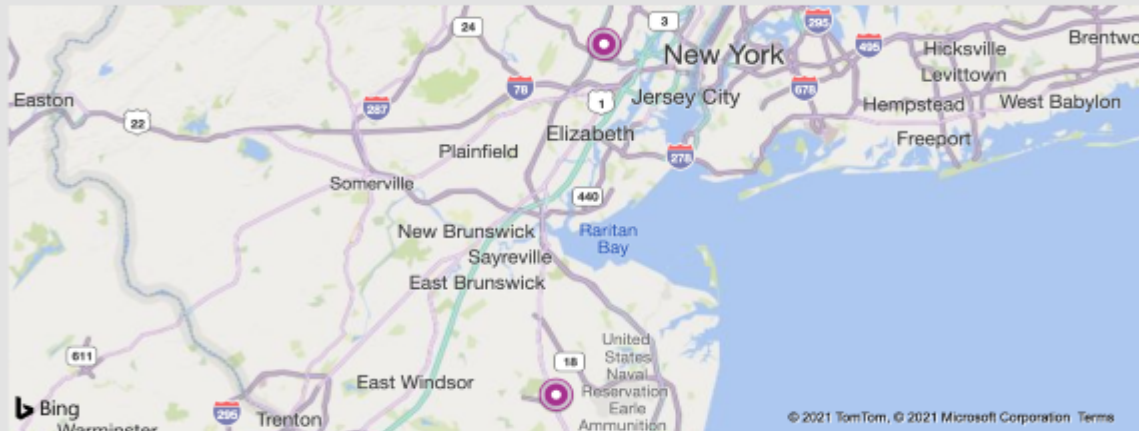
Our specialties include:

[More](#)

### Skills and Capabilities

- Advanced Analytics
- Agriculture, Forestry, & Fishing
- Application Integration
- Artificial Intelligence
- Azure
- Azure Security & Operation Management

### Top locations



36 W Main Street, Suite 300, Freehold, NJ, US 07728

495 N 13th street, Newark, NJ, US 07107

# Clients

## What our clients say:

- "Exelegant helped our company migrate from G-Suite to Microsoft Office 365 with zero downtime and zero data loss. During the process, over 3,500 users continued to collaborate and run critical business functions seamlessly."

Robert Florescu, CISO, CityMD

- "Switching to Exelegant has been a major contributing factor to the growth of our group. As a company looking to expand, we really value our employees' time and productivity. Exelegant's IT Support has enabled our business to run as efficiently as possible."

Bruce Lucarelli, CTO, DermOne

- "Exelegant has been with our hospital since we've opened our doors. Their experience in a wide range of projects and solutions, and management of vendors has made a tremendous impact on our efficiency"

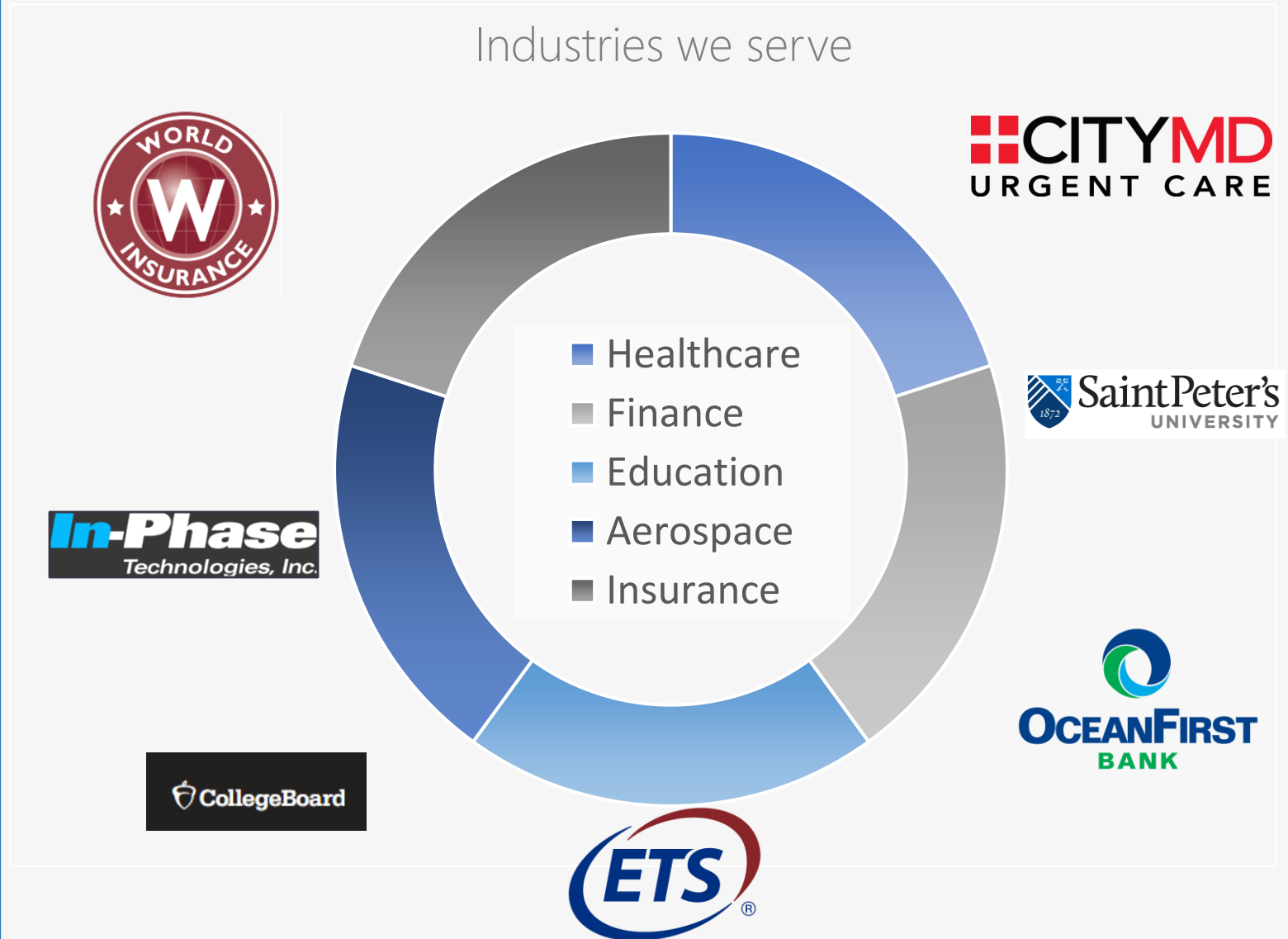
Alexey Gololobov, CFO, Columbus Hospital LTACH

- "Exelegant has become our trusted business partner and completed migration on time, alleviated hosting responsibilities, and gave us capabilities to enable team productivity and data security."

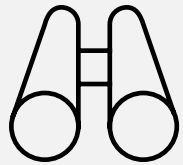
Kevin Hannigan, President, ACC Inc.



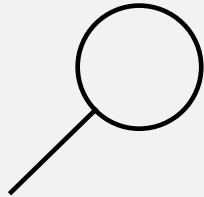
## Industries we serve



# What we'll do during the workshop



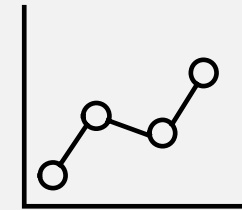
**Focus** on learning about your priorities, initiatives and key influences on your security strategy related to identity.



**Discover** your identity security posture and application identity landscape.

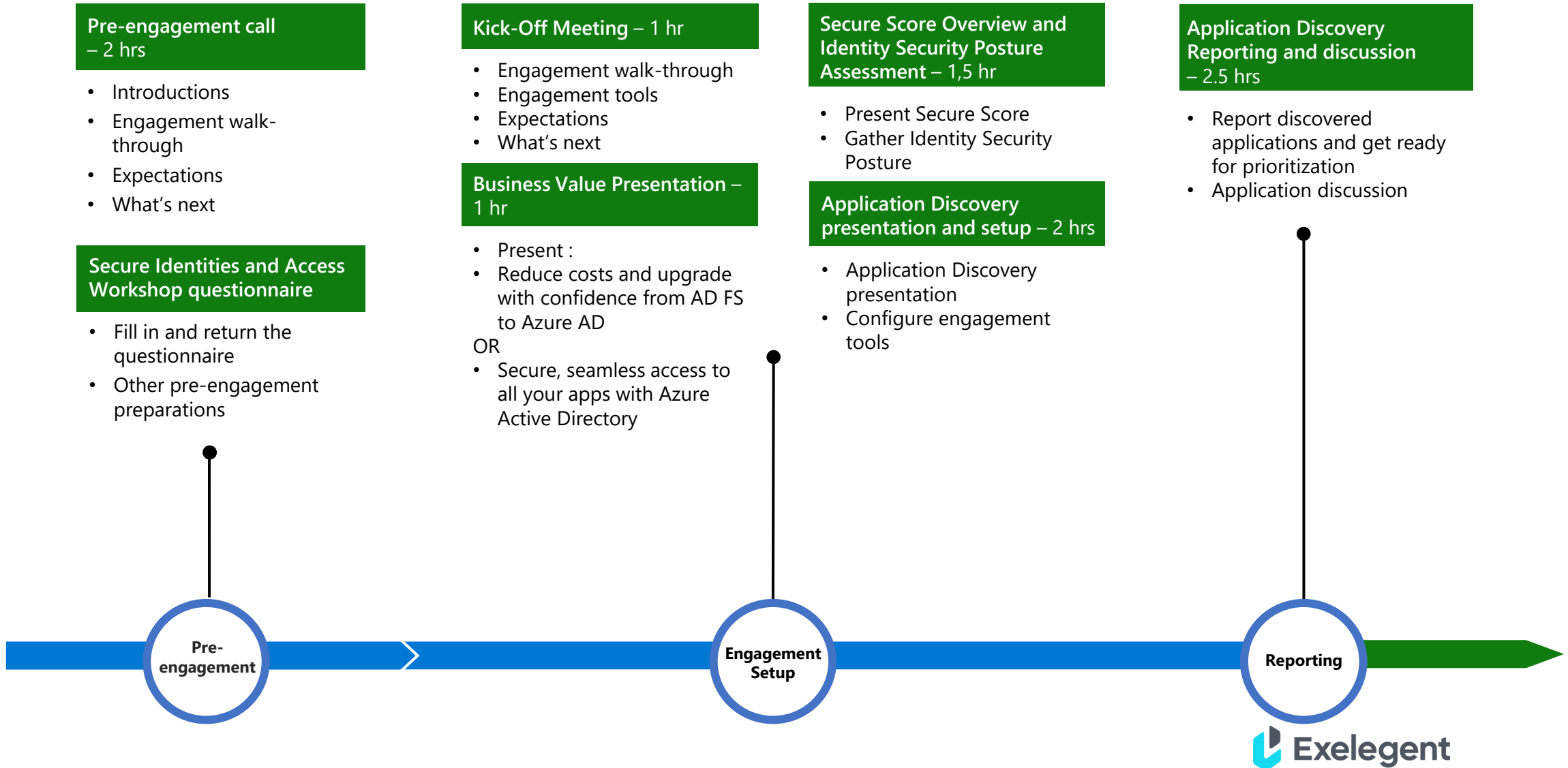


**Work** together on high-level deployment plans for identity (with optional passwordless and endpoint compliance) and make design decisions.

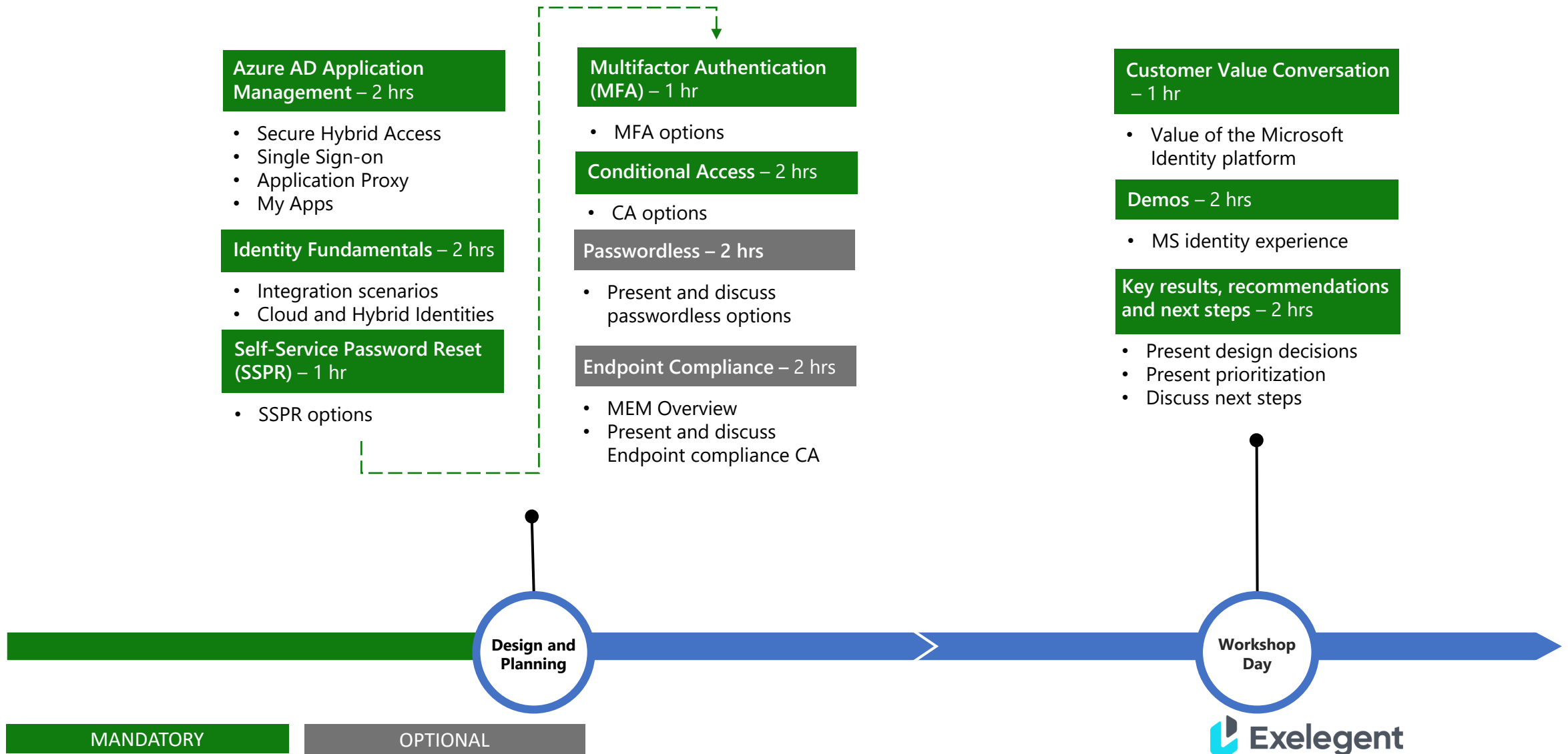


**Plan** next steps on how we can work together.

# Secure Identities and Access Workshop phases and activities



# Secure Identities and Access Workshop planning



# Microsoft Secure Score: Overview

Visibility, assessment, and guidance to strengthen your security posture

## Enterprise-wide visibility

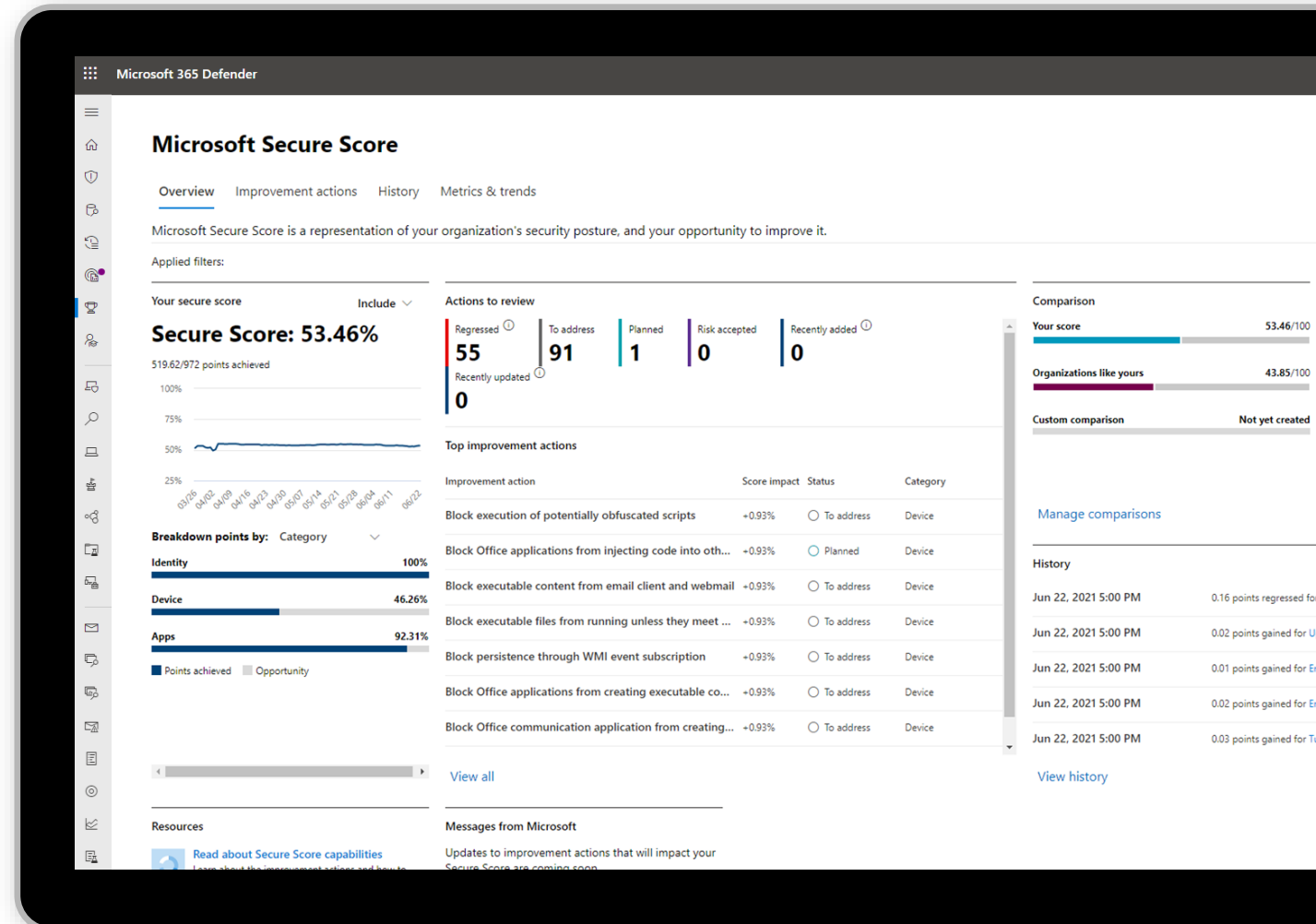
Assess your organization's security posture across identity, devices, information, apps, and infrastructure

## Intelligent guidance

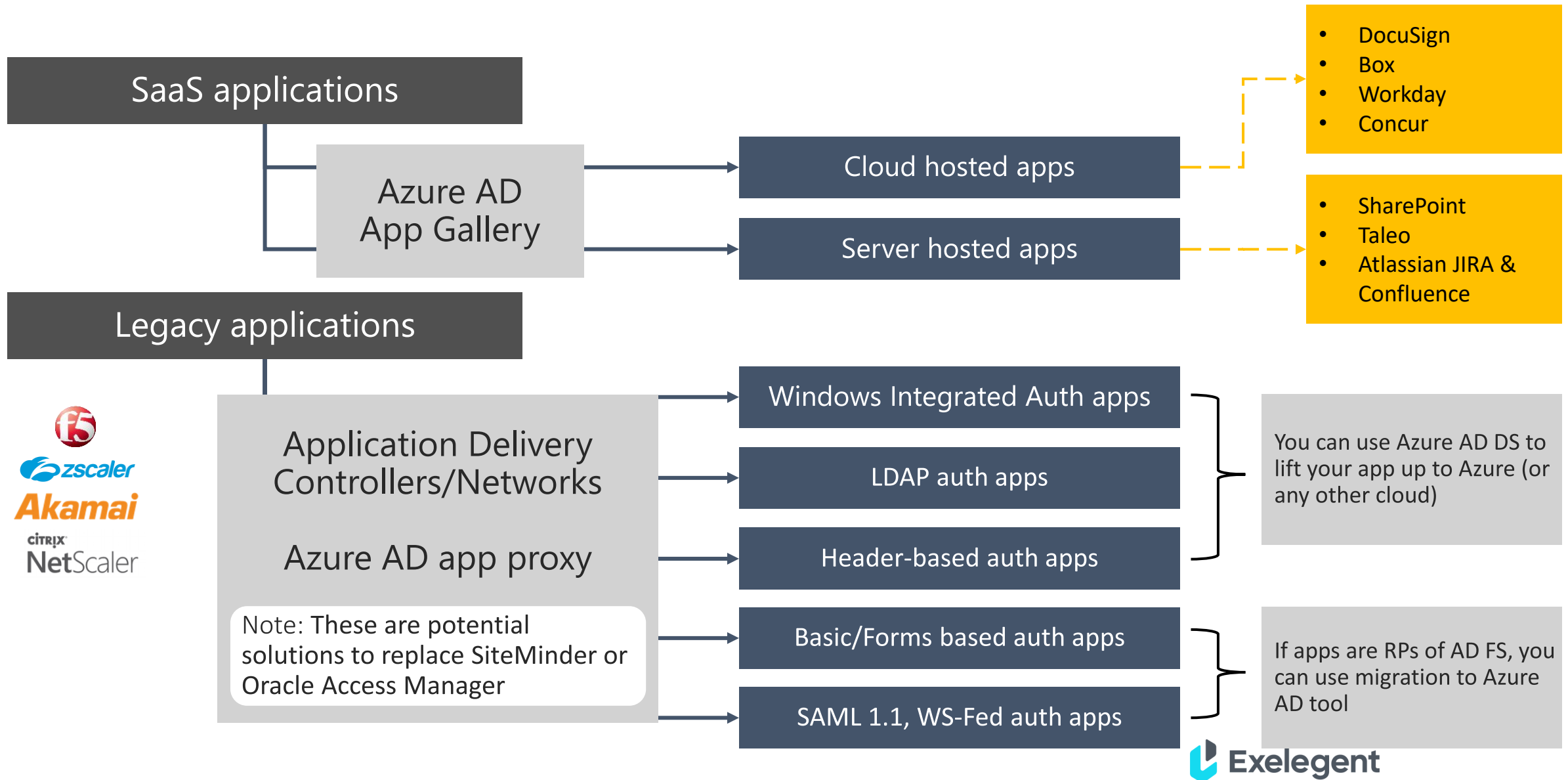
Identify where to improve your security posture using threat-prioritized insights and guidance

## Comprehensive controls

Integrated workflow capabilities to determine impact and procedures to implement

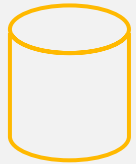


# Azure AD App Auth integration overview





# Design and Planning activities



**Azure AD  
Application  
Management**



**Identity  
fundamentals**



**Self-service  
Password Reset  
(SSPR)**



**Multi-factor  
authentication  
(MFA)**



**Conditional  
Access**

# Additional Design and Planning activities



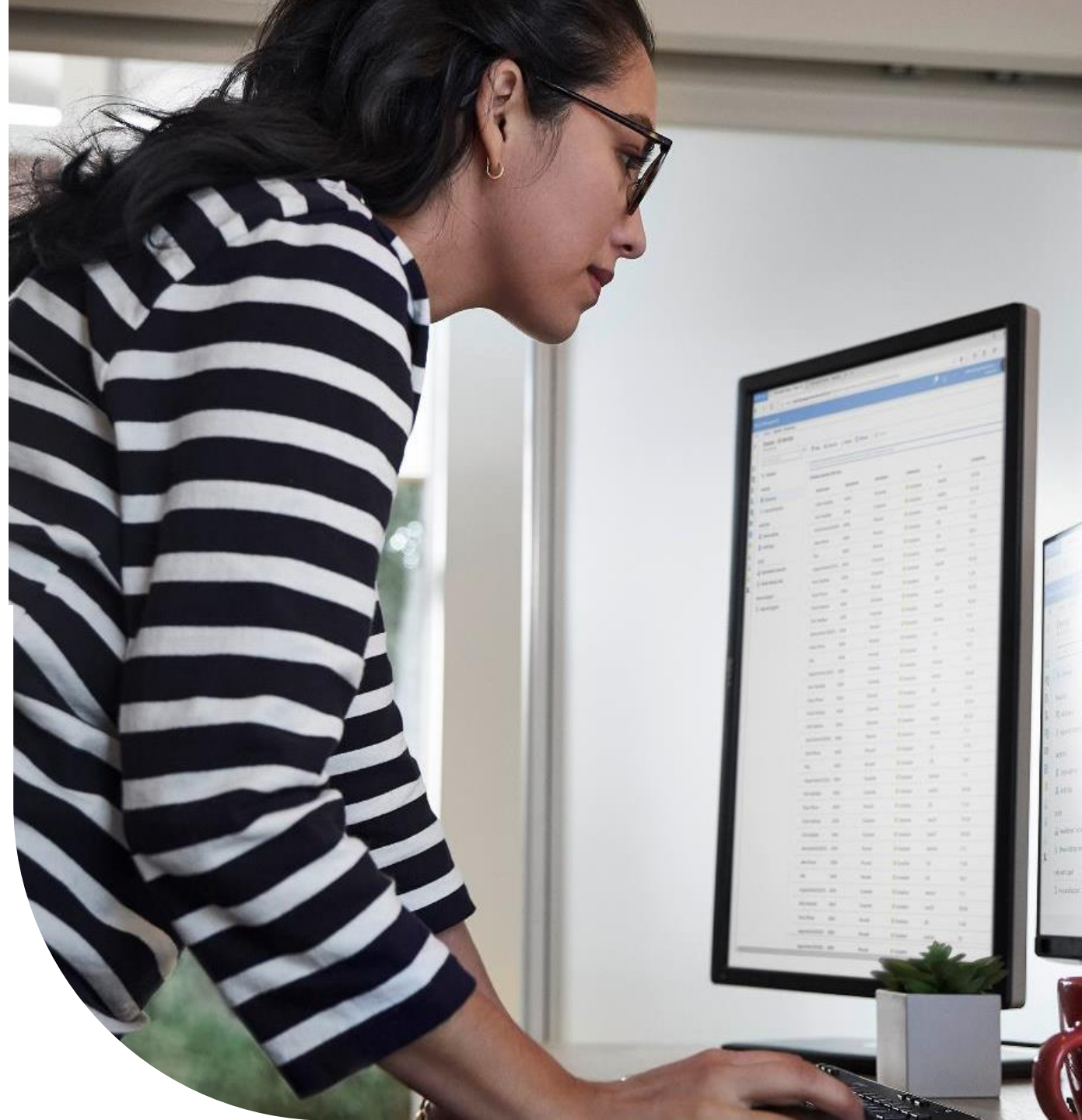
**Passwordless**



**Endpoint  
Compliance**

# Azure AD Application Management

- » Present an overview of Azure AD Application Management
- » Complete the classification and prioritization of the applications discovered as part of this engagement
- » Define the next steps for Azure AD Application management



# Leverage the full capabilities of Azure AD

Industry leading, cost-effective, and greater value



Behavioral analytics



Adaptive access



Identity lifecycle



Single sign-on



Privileged identity management



Identity governance



Multi-factor authentication



B2B collaboration



Device management



Web access management



Customer identity access management



Azure Active Directory

# Identity Fundamentals

- » Review Azure AD integration scenarios and Hybrid Identity authentication options
- » Explore various Azure AD identity and authentication design decisions
- » Define the high-level deployment plan for the Azure AD identity



# Azure Active Directory

Cloud Identity



Azure Active Directory

Azure Active Directory

Independent cloud identities.

Synchronized Identity



Azure Active Directory

Azure AD  
Connect sync

Azure AD  
Connect cloud  
sync

Active Directory

Single identity, enabling a same or single sign-on experience with Password Hash Sync or Pass-through Authentication\*.

Federated Identity



Azure Active Directory

Azure AD  
Connect sync  
(cloud sync)

Federation

Active Directory

Single federated identity, enabling single-sign-on experience and on-premises multi-factor authentication options

# Self-service Password Reset (SSPR)

- » Review SSPR benefits, architecture and concepts
- » Explore various SSPR design decisions
- » Define high-level deployment plan for the SSPR



# IT admin benefits

## Drive efficiencies

- Delegate high-cost and high-impact operations to your end users
- Demonstrate ROI / business impact and monitor security through integrated reports
- Define the right policies for your organization
- Integrate directly with AD on-prem to manage local passwords from the cloud

## Customize your SSPR

- Customize for your organization with branding and helpdesk integration
- Work on any device, in any location
- Easily pilot with granular rollout capabilities
- Built in to native O365 experiences

The image displays three overlapping screenshots from the Microsoft Azure portal. The top screenshot shows the 'Password Reset - Properties' page for a user, with options to enable self-service password reset and select groups. The middle screenshot shows the 'Users and groups - Audit logs' page, displaying a table of password reset activities.

DATE	INITIATED BY (ACTOR)	ACTIVITY	TARGET(S)
3/18/2017, 1:17:46 PM	allg@citypln.onmicrosoft.com	Self-serve password reset flow a...	User: allg@citypln.onmicrosoft.com
3/18/2017, 1:17:46 PM	allg@citypln.onmicrosoft.com	Self-serve password reset flow a...	User: allg@citypln.onmicrosoft.com
3/18/2017, 1:16:59 PM	aspance@citypln.onmicrosoft.com	Self-serve password reset flow a...	User: aspance@citypln.onmicro...
3/18/2017, 1:16:59 PM	aspance@citypln.onmicrosoft.com	Self-serve password reset flow a...	User: aspance@citypln.onmicro...

The bottom screenshot shows a user interface for password reset with the heading 'don't lose access to your account!' and a 'Reset your password' section. It includes a 'verification step 1' where the user chooses a method (Email, Mobile phone, or Security questions) and provides answers to questions like 'What was the name of your first pet?' and 'What was the make and model of your first car?'.

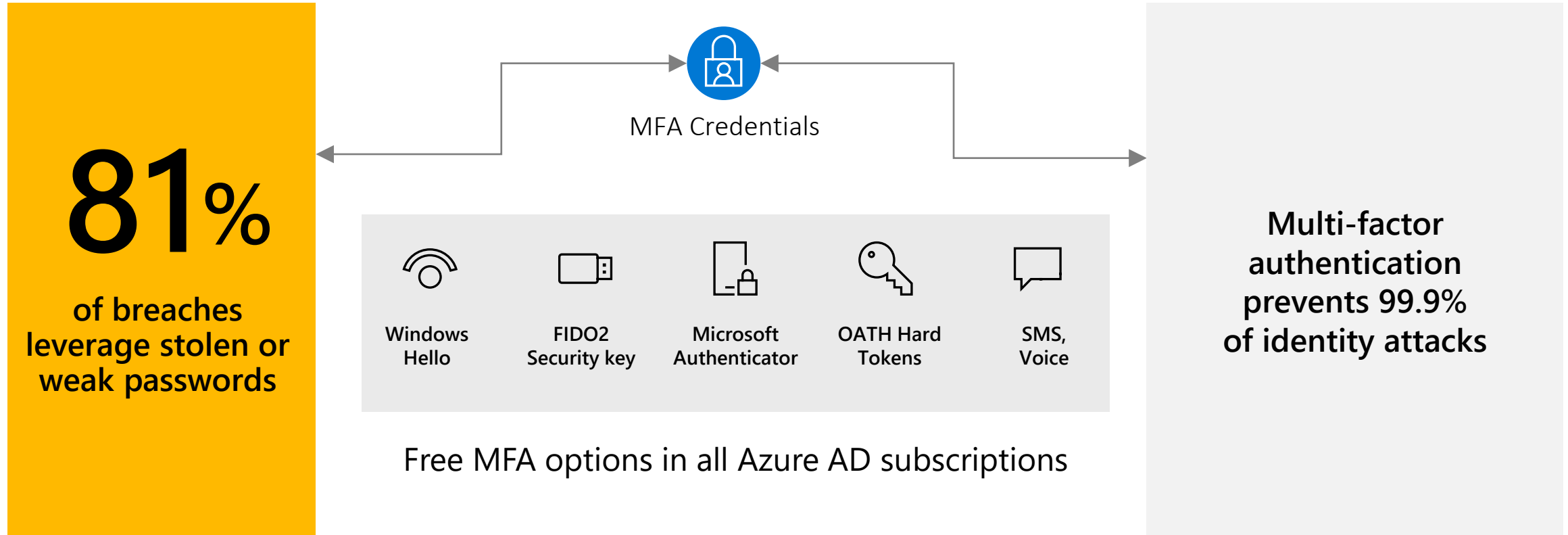


# Multi-factor authentication (MFA)

- » Review Azure AD Multi-factor Authentication
- » Explore ways of enabling MFA, service settings, second authentication factors and
- » Define high-level deployment plan for the MFA



# Your password doesn't matter, but MFA does

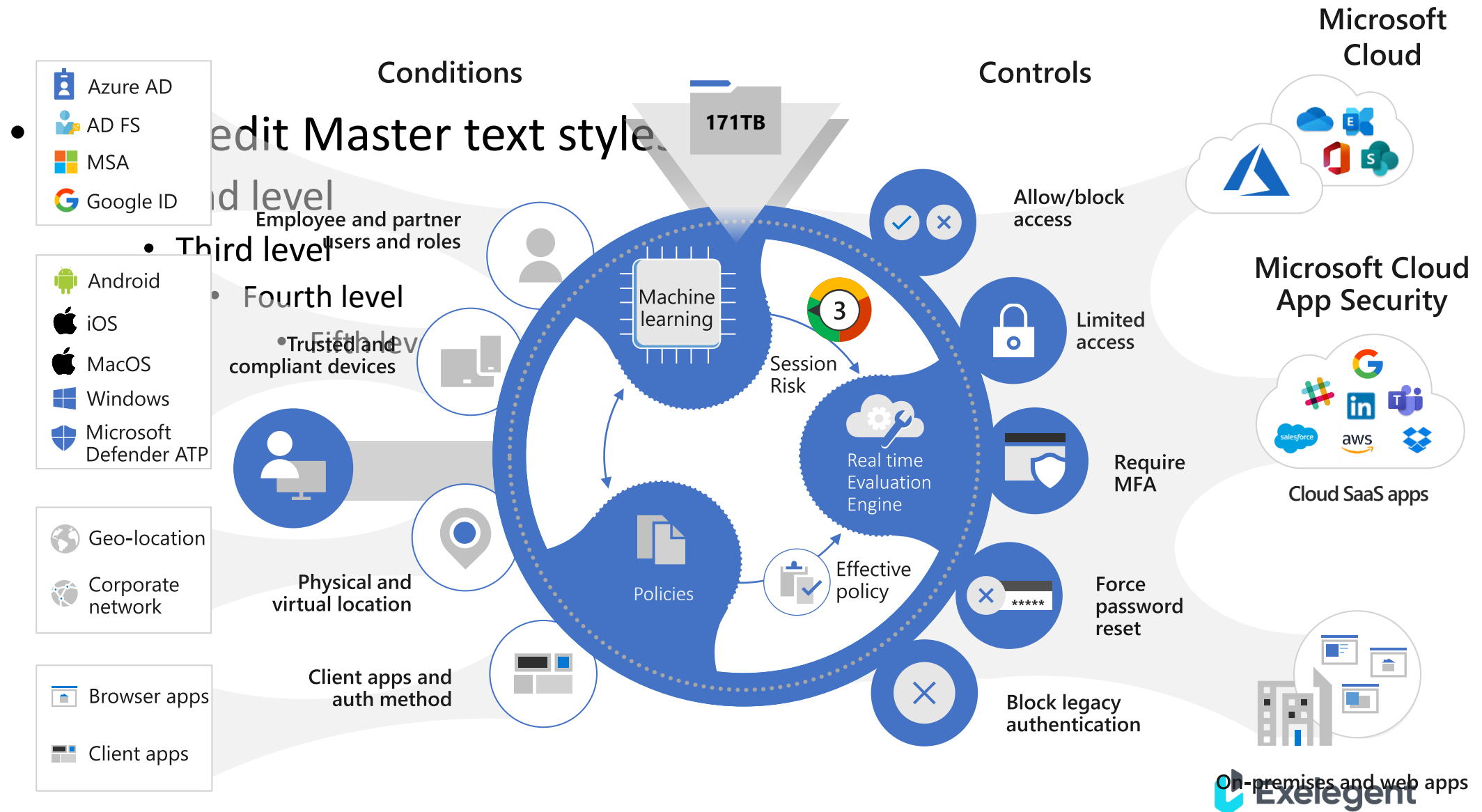


# Conditional Access

- » Review Conditional Access concepts
- » Deep dive in Conditional Access assignments, conditions and controls
- » Define high-level deployment plan for the Conditional Access



# Your password doesn't matter, but MFA does

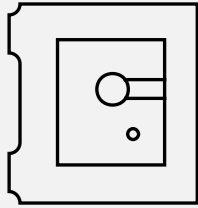


# Passwordless

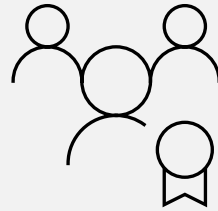
- » Review Passwordless concepts
- » Discuss your passwordless journey with Azure AD
- » Define high-level next steps for passwordless



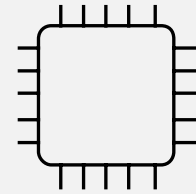
# Secure Identities and Access Workshop



Promise to remove attack vector of standalone passwords



A better user experience than **Passwords + MFA (Multi-Factor Authentication)**



Strong, device-based authentication methods

- Windows Hello for Business
- Microsoft Authenticator – Passwordless phone sign-in
- FIDO2 security keys (platform and external)

# Endpoint Compliance

- » Microsoft Endpoint Management Overview
- » Deep dive in Endpoint Compliance Conditional Access assignments, conditions and controls
- » Define high-level deployment plan for Endpoint Compliance Conditional Access



# Microsoft Endpoint Manager

Endpoint Manager combines the Microsoft Intune and Configuration Manager solutions to provide modern management of endpoints with the protection of a Zero Trust strategy.

Protect apps and devices for a resilient workforce

Use simplified management workflows

Maximize digital investment with co-management

Secure managed and unmanaged devices and apps

Get integrated Conditional Access controls

## Unified management

Apps, device controls, and insights are brought together in one cloud-based endpoint management platform.

## Built-in protection

IT is empowered to apply the controls needed for a Zero Trust security model and protect their digital estate without getting in the way of user productivity.

## Comprehensive scalability

Intuitive management controls, workflows, and analytics ensure healthy and compliant device and app deployments.





Built-in protection

# Prevent and detect security breaches

Integrated security capabilities that detect and respond to vulnerabilities to prevent breaches

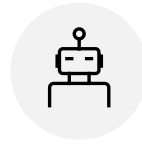
Preventative protection, post-breach detection, automated investigation, and rapid response

A foundation of the industry's deepest insights across devices, identities, and information

Threats



DDoS attacks  
→ X →



Bot attacks  
→ X →



Web app attacks  
→ X →

