

WEBINAR



# UNPACKING M365 E3: KICK-START YOUR IDENTITY, PROTECTION & ACCESS MANAGEMENT

Making the most of your E3 Investment in today's Covid-19 world

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a GLI company

# Our Agenda



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- ✓ Meet your **Speaker**
- ✓ Company **Introduction**
- ✓ Name of **Webinar**
- ✓ Participate in our live **Polling**
- ✓ Let us know how we did, complete the **Exit Survey**
- ✓ Get in Touch, **Book your Security Workshop**



# The Speaker

## Tim J Doel

*Senior Technical Architect, Bulletproof*

As a passionate technology advocate and evangelist, Tim has spent over 20 years dealing with the pains, challenges and successes of implementing, managing and supporting Microsoft solutions at many Enterprise scale organizations across all common industries around the world.



### Career Highlights:

- M365 Modern Workplace SME
- 8+ Years at Microsoft working with Enterprise customers
- Broad range of international, industry and technical experience
- Specialist in Endpoint Modern Management



# Bulletproof Services

Security Services  
Managed Services  
Solutions Delivery  
Learning Services



**2**  
DECADES



**200+**  
EMPLOYEES



**13**  
LOCATIONS



**SOC**  
STATE-OF-THE-ART



**2X**  
MICROSOFT IMPACT  
AWARD WINNER  
MODERN WORKPLACE

Gold  
Microsoft  
Partner  


**11**  
GOLD  
COMPETENCIES



# What Microsoft Subscription do you have today ?

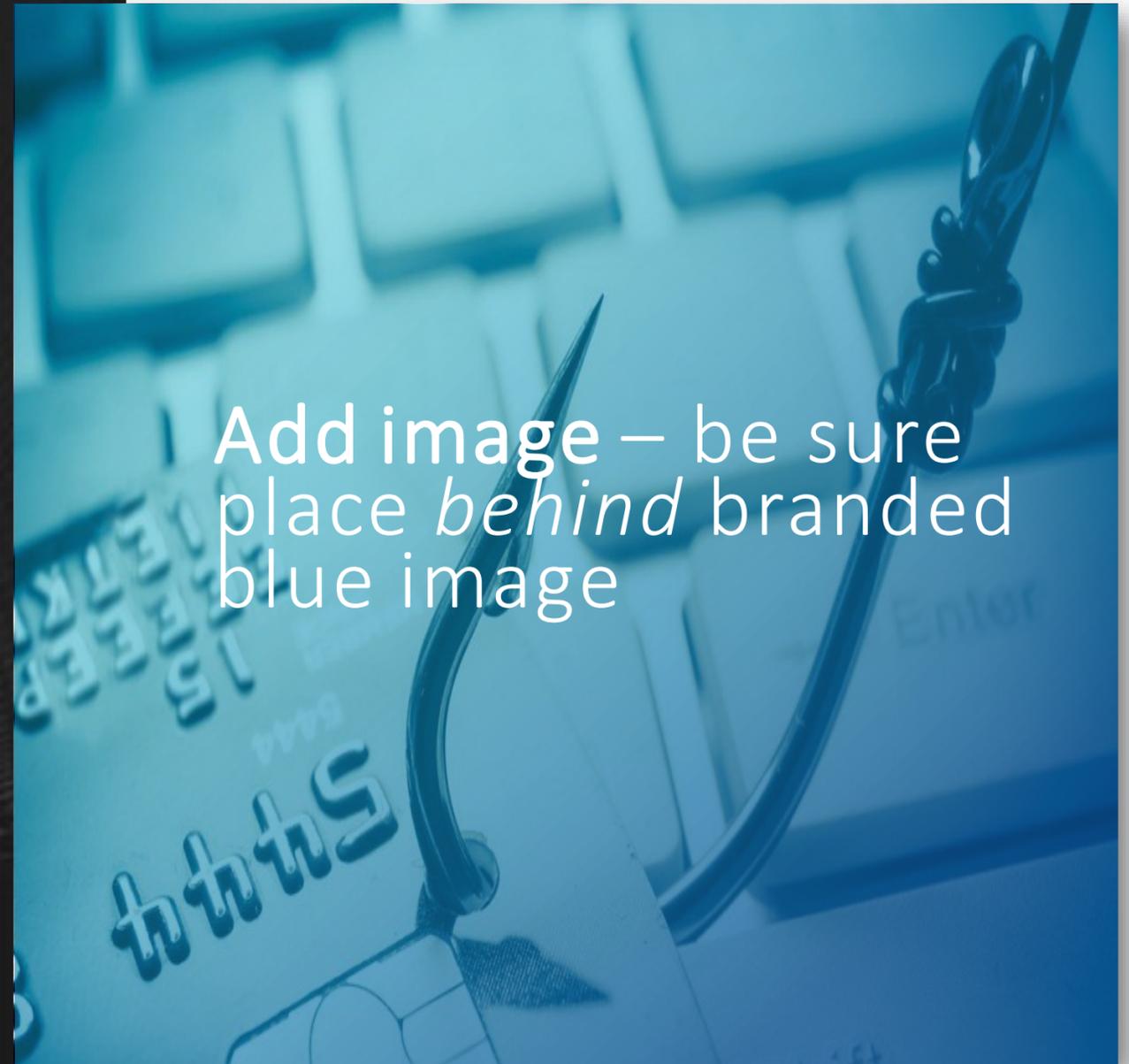
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1. Microsoft 365 Business Premium
2. Microsoft 365 E3
3. Microsoft 365 E5



# Microsoft 365 E3 Remote Working in the Covid-19 World

- Our lives as we know them are under siege right now because of **Covid-19**.
- While the virus is attacking us we're also being threatened by a **significant increase in cyber attacks**.
- As our need to adapt and expand our remote work force **increases**, it becomes **increasingly more vulnerable**.



Microsoft 365 E3

# Canadian Businesses Targeted

6 OCT 2020 NEWS

## Canada Bombarded with COVID-19-Themed Cyber-attacks

*“Slightly more than half said that they had implemented new cybersecurity protections in response to changes triggered by the global outbreak of the novel coronavirus”*

*“Around three in ten organizations reported experiencing a spike in the volume of attacks they had suffered since the pandemic started”*

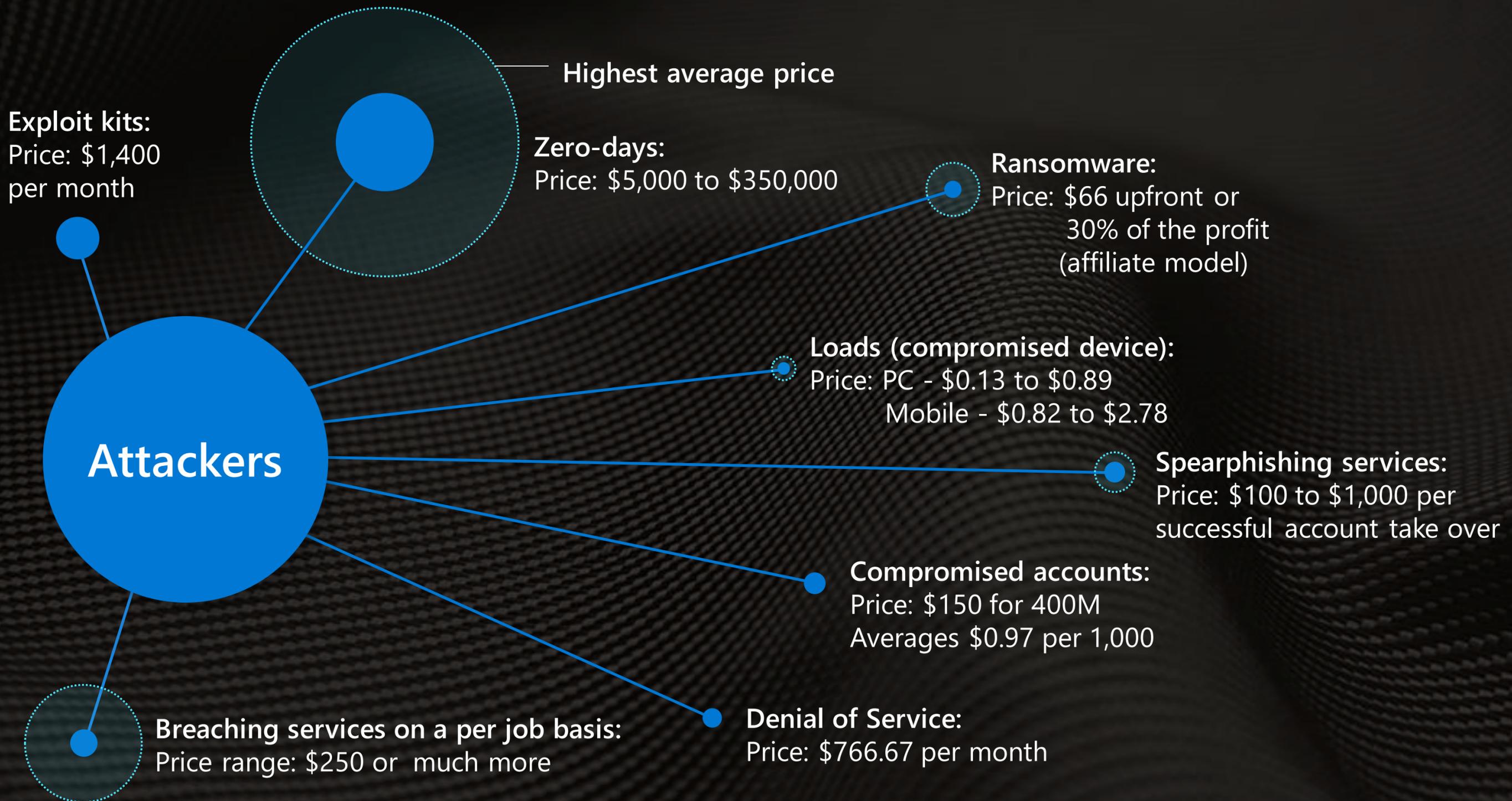
*“More than a quarter of Canadian IT workers say their organization has suffered a COVID-19-themed cyber-attack”*

# Microsoft 365 E3 Security & Management Challenges

- Capacity and Connectivity Concerns
- Mobile Hardware Availability vs BYOD
- Infrastructure, VPN and Cloud Connectivity
- Remote Worker Home Office Costs & available services
- Device Management & Connectivity
- Configuration & Compliance
- Servicing & Security
- Support & Education
- Cyber-Security Skills



# ...but why would they target us?





Microsoft 365 E3

# Don't delay...deploy !

- Return on Investment
  - Simplify Vendor Management
  - Reduce Management Costs
  - Simplify Administration
- Improve User Experience
- Boost Productivity
- Enhance Security



# Microsoft 365 E3



## Identity & Access management

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Secure identities to reach zero trust



## Threat Protection

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Help stop damaging attacks with integrated and automated security



## Information Protection

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Locate and classify information anywhere it lives



## Security Management

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Strengthen your security posture with insights and guidance

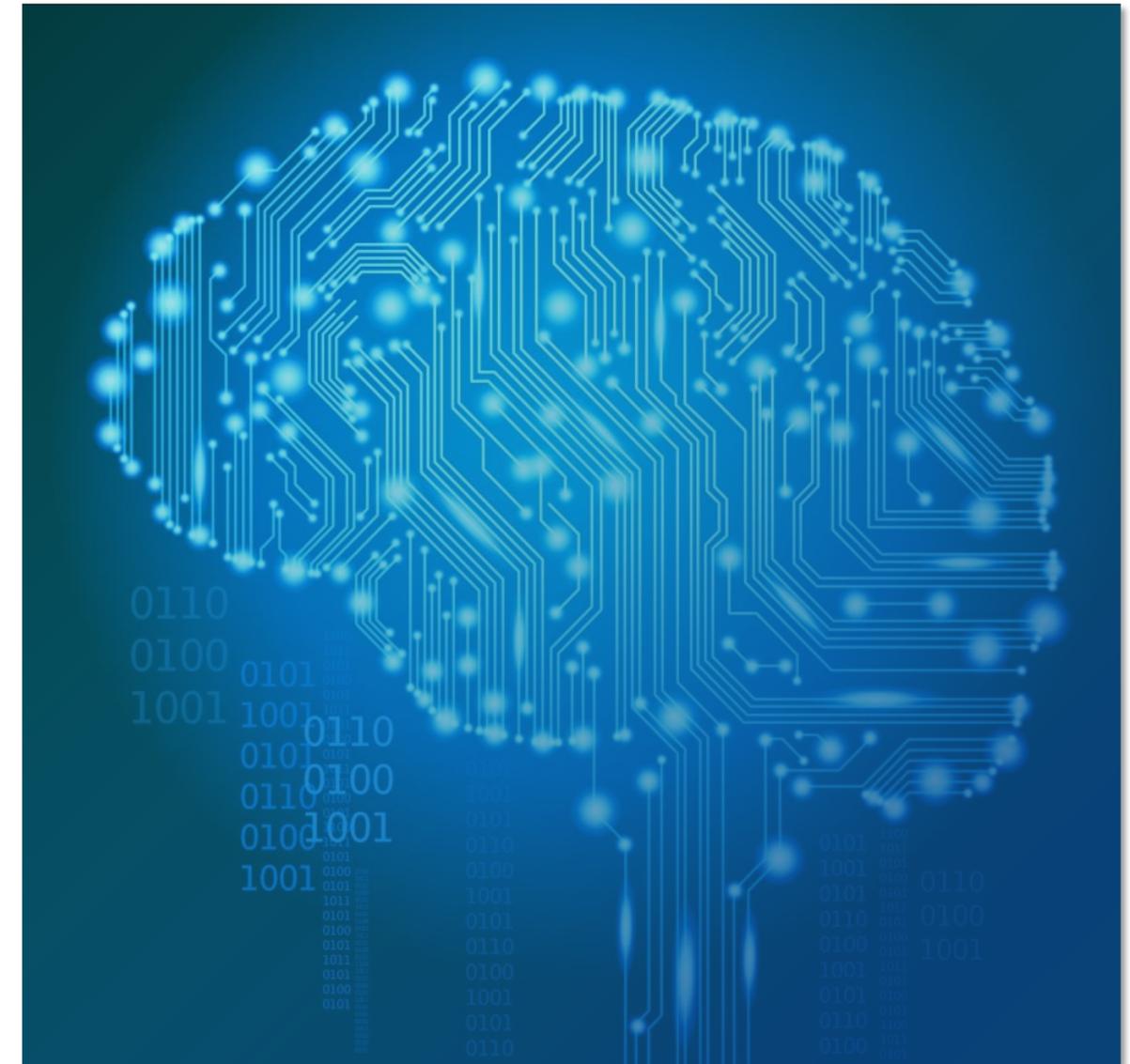


## Infrastructure security



# Microsoft 365 E3 Overview

- Basic “Enterprise” Subscription
- Three Key Products:
  - Office 365
  - Enterprise Mobility + Security
  - Windows E3
- It’s not just E5 that gives you security!
- Great capabilities to help you transform



Office 365 E3

Enterprise Mobility + Security E3 (EMS E3)

Windows 10 E3

Microsoft 365 E3

Microsoft 365 E3

- Microsoft 365 Apps for Enterprise
- Exchange Online Plan 2
- SharePoint Online Plan 2
- OneDrive for Business Plan 2
- Office Web & Mobile Apps
- Exchange Online Protection
- Yammer Enterprise
- Insights by MyAnalytics
- Information Protection (Office 365)
- Data Loss Prevention
- Power Apps for Office 365
- Power Automate for Office 365
- Sway
- eDiscovery
- Retention Policy
- Stream for Office 365
- Skype for Business Plan 2 (retiring)
- Microsoft Teams
- Microsoft Forms
- Delve
- Live Events
- Planner
- Audit Logging & Alerting
- Kaizala Pro (retiring)

- Intune MDM & MAM
- Azure Information Protection Plan 1
- Advanced Threat Analytics
- Azure RMS
- Microsoft Endpoint Config Manager
- System Center Endpoint Protection
- Windows Server CAL Rights
- Active Directory RMS
- Conditional Access
- Multi-Factor Auth (MFA)
- Microsoft Identity Manager
- Azure AD B2B (5 guests per user)
- App Proxy, including PingAccess
- Cloud App Discovery
- 3rd Party MFA Integration
- Terms of Use
- Advanced Security Reports & Alerts
- Single-Sign-On to other SaaS
- Azure AD Connect Health
- Enterprise State Roaming
- Shared Account Password Roll-Over
- Self-Service Password Reset in AD
- Self-Service Group Management
- Group-Based Access Management

Azure AD Premium Plan 1

- App-V
- Application Guard
- AppLocker
- Azure AD & Domain Join
- BitLocker & BitLocker to Go
- BranchCache
- Conditional Access
- Cortana Management
- Credential Guard
- Device Guard
- Direct Access
- Long Term Servicing Channel
- MDM & MAM
- MDOP
- Microsoft Store for Business
- User Experience Virtualisation
- Voice, Pen, Touch, Ink, and Gesture
- Windows Analytics
- Windows Defender Antivirus
- Windows Hello Management
- Windows Information Protection
- Windows to Go
- Windows Update for Business
- Windows Virtual Desktop

Office 365 E3

Enterprise Mobility + Security E3 (EMS E3)

Windows 10 E3



# Microsoft 365 E3 - EMS

- Azure Active Directory P1
  - Conditional Access
  - Multi-Factor Authentication
  - Self Service Password Reset
  - FIDO2.0
  - Azure Password Protection



# Microsoft 365 E3 - EMS

- EndPoint Manager - Intune
  - Mobile Device Management
  - Mobile Application Management
  - Compliance Reporting
  - Endpoint Security
  - Security Baselines
  - Device Configuration
  - Windows Update for Business
  - Application Management
  - Windows AutoPilot



# Microsoft 365 E3 - Windows



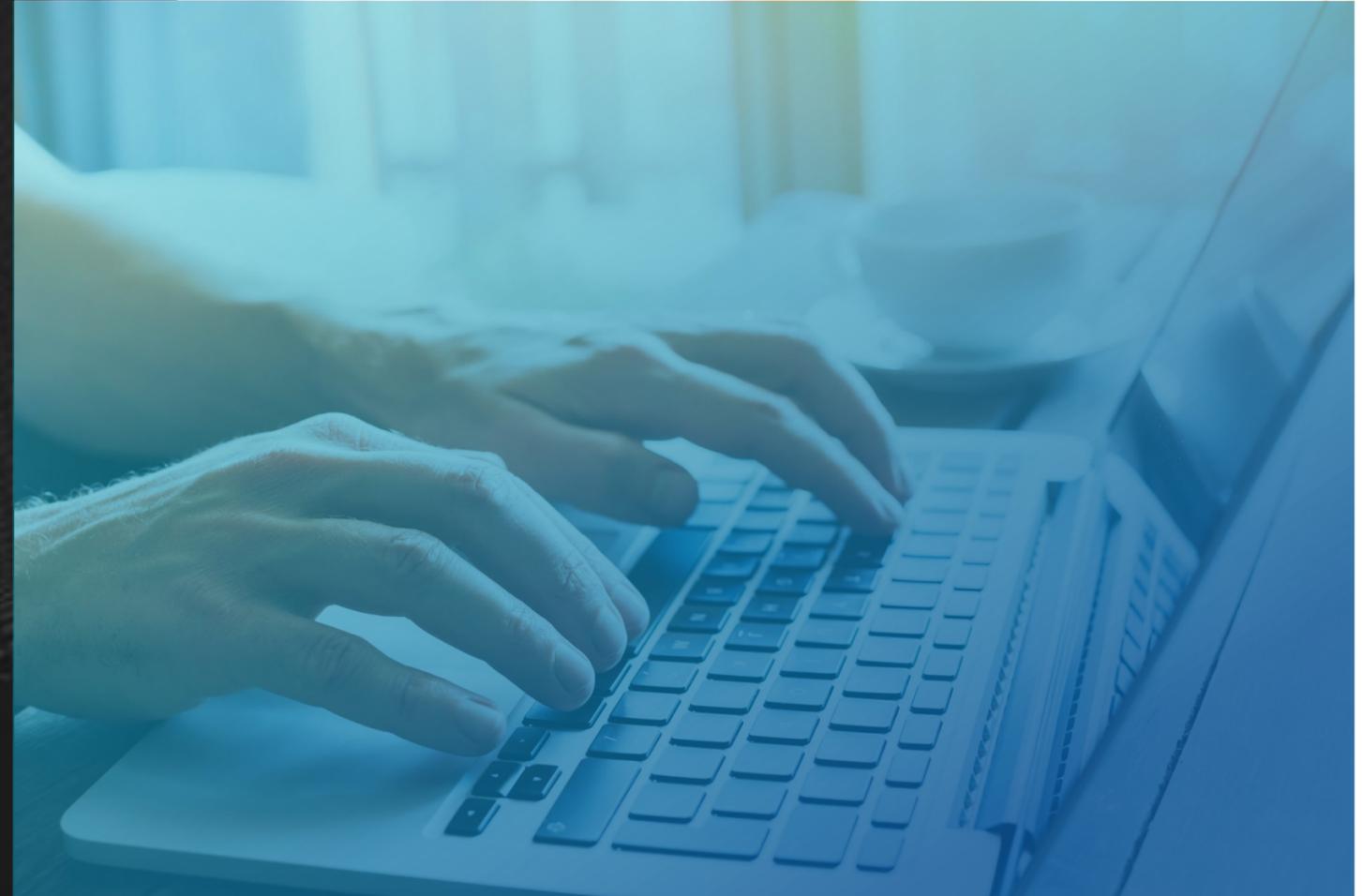
- Defender Endpoint Protection
- Bitlocker Encryption
- Credential Guard
- System Guard
- Device Guard
- SmartScreen
- Defender Firewall
- Application Guard



# Microsoft 365 E3 – Hero Features

## Conditional Access Policies - Overview

- “IF” Inclusion and Exclusion rules leveraging:
  - Device Location, State, Platform
  - Application type and Authentication Protocol
  - User, Group Membership, Member type or Role
  - Risk Signals (with EMS E5/AADP2)
- “THEN” Outcomes, resulting in:
  - Grant Access with satisfied conditions
  - Block Access
- Session Controls



Microsoft 365 E3 – Hero Features

## Conditional Access Policies - Guidance

- No protection by default
- Follow best practice
- Keep it simple:
  - Single purpose policies
  - Use exclusions
    - Use Emergency Access Accounts
- **Don't lock yourself out!**



## Microsoft 365 E3 – Hero Features

# Conditional Access Policies - Example

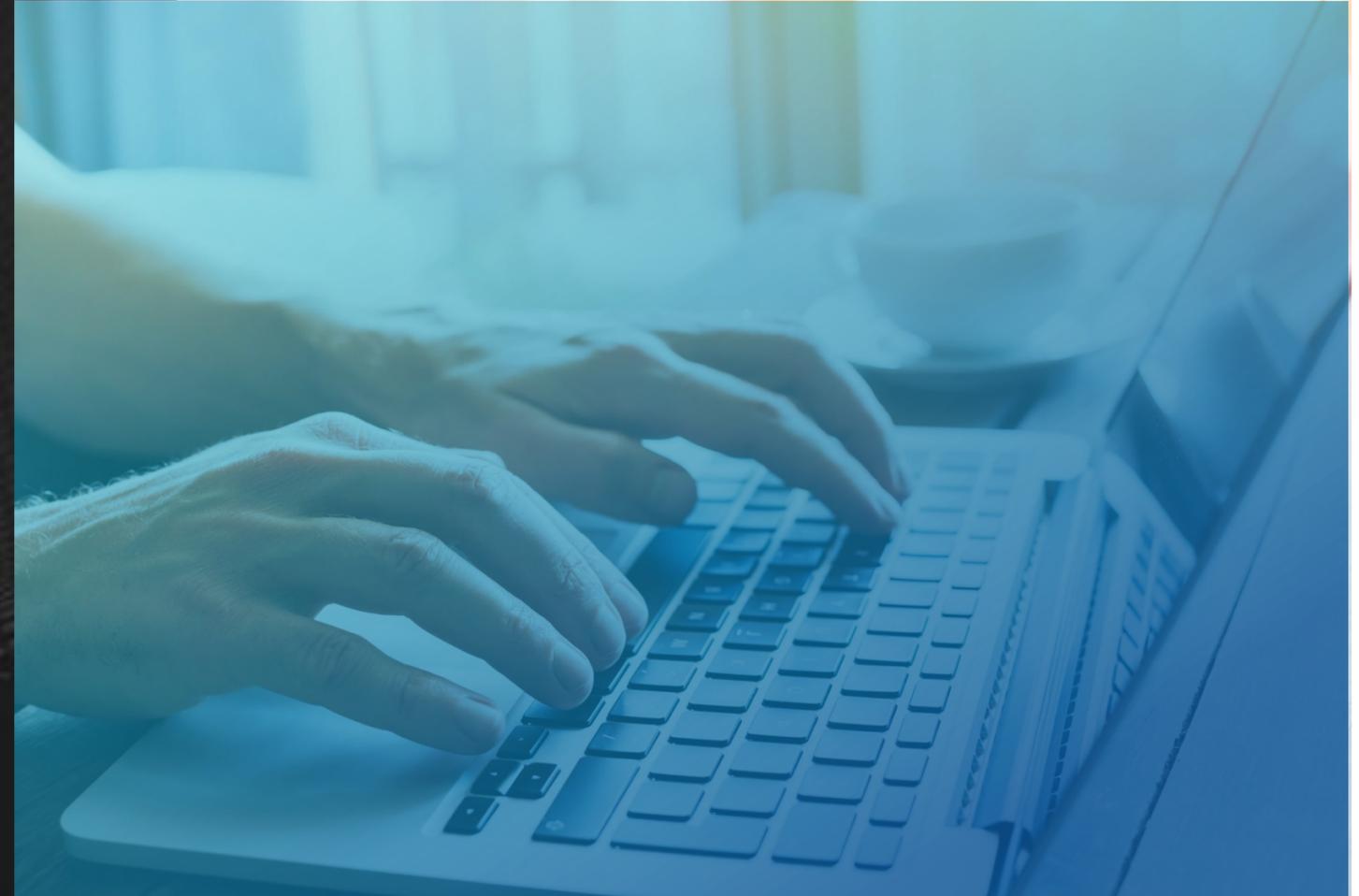
- Users
  - Who should this apply to?
- Locations
  - Grant/Block access based on Azure Region or CIDR
  - Can you define a list of trusted regions?
- Devices
  - Grant/Block access based on managed state and compliance health
  - Block unsupported platforms



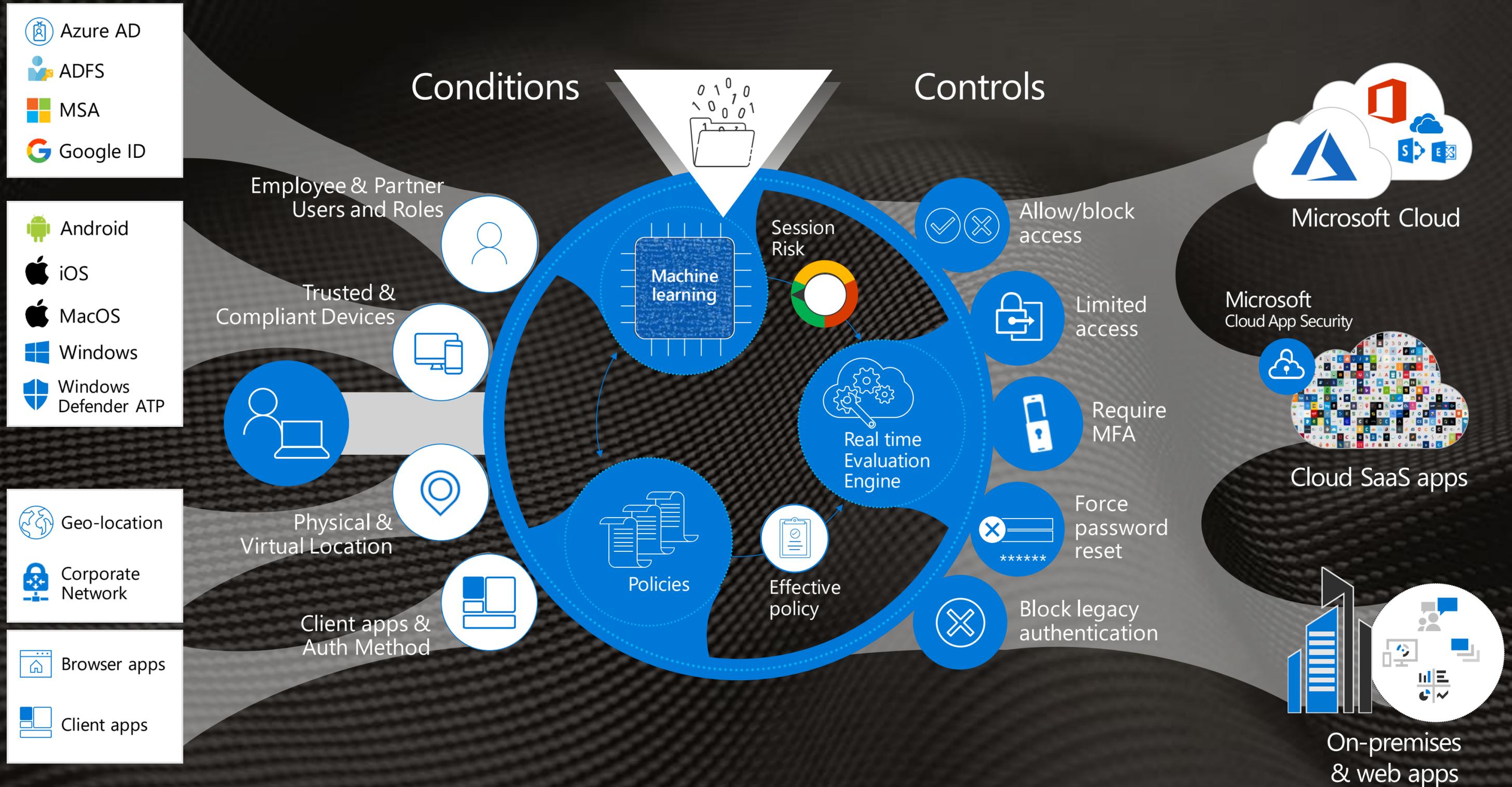
# Microsoft 365 E3 – Hero Features

## Conditional Access Policies - Example

- Modern Authentication
  - Secure access to resources with MFA
  - Block Legacy Authentication
- Applications
  - Use Trusted Apps for Mobile Platforms and MAM
  - Define acceptable App use for managed and unmanaged devices



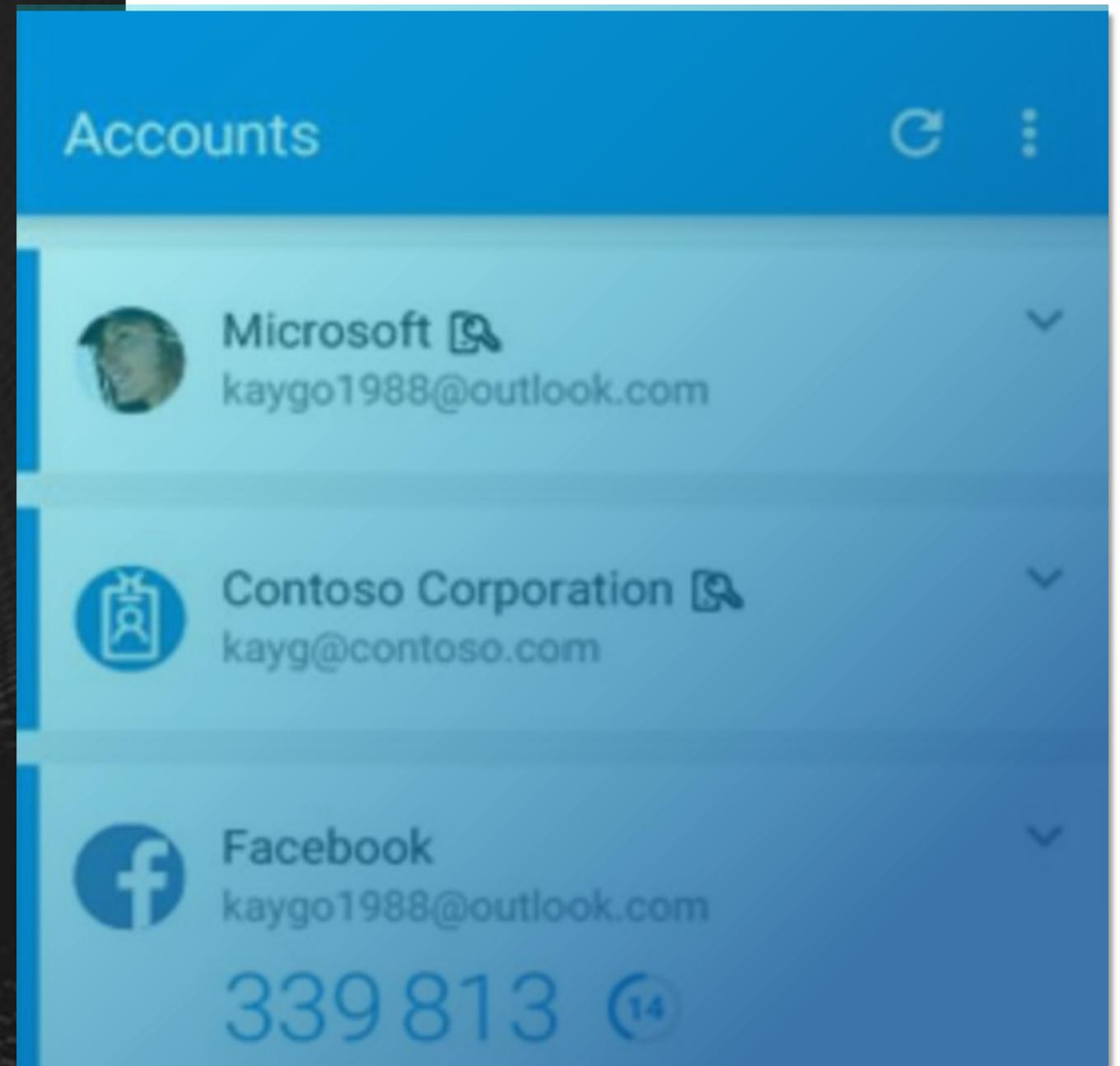
# Conditional Access & Identity Protection E5



# Microsoft 365 E3 – Hero Features

## Azure MFA

- Multiple Management Options
  - Office 365
  - Conditional Access Policy
- Multiple Authentication Options
  - Phone & Text
  - App Push Notifications
  - App Code Entry
  - FIDO2.0



Microsoft 365 E3 – Hero Features

# Self Service Password Reset

- Easy to enable
- Target All or Groups
- Simple User registration
- Uses Azure MFA registration
- Reduce demand on service desk
- Integrate with Windows Logon



The screenshot shows a Microsoft account recovery interface. At the top, it says "Microsoft" and "Get back into your account". Below that, it indicates "verification step 1 > choose a new password". The main instruction is "Please choose the contact method we should use for verification:". There are two radio button options: "Enter a code from my authenticator app" (which is selected) and "Enter a code from my text message". To the right of the selected option, there is a text input field labeled "Enter your verification code" and a "Next" button. At the bottom left, there is a "Cancel" link.



# Microsoft 365 E3 – Hero Features

## Windows Virtual Desktop

Quickly deploy Virtual Desktops & apps to enable secure remote work.



Windows 10 Enterprise Single or Multi-Session  
Windows 7 Enterprise\*  
Windows Server 2012 R2, 2016, 2019



Hybrid Solution ( Today ), providing the added security of Microsoft 365 to protect on-premises resources



Host Modern or Traditional apps as either Remote Desktop Applications, or within Remote Desktop



# Microsoft 365 E3 – Hero Features

## Windows Virtual Desktop



The only multi-session Windows 10 experience



Optimized for Microsoft 365 Apps



Connect from any place



Connect from any device



Alternative to traditional RDS Desktop & App Solutions

VDI/RDSH management as a service on Azure



Deploy and scale in minutes

User density, VM sizing, and scaling policies



Microsoft 365 E3 – Hero Features

# Windows AutoPilot

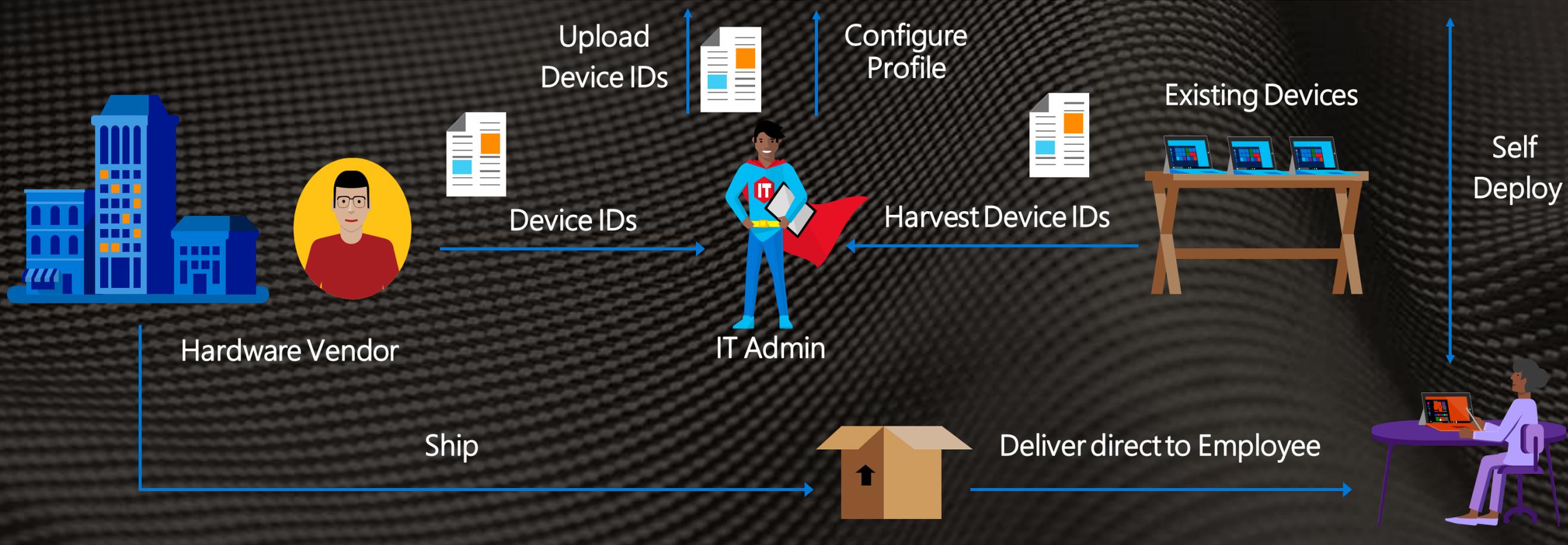
- Integrate with existing procurement
  - Supported by most vendors
  - Zero Imaging – transform the OEM image
- Deliver device direct to employees
  - Lightweight first time set-up
  - Configure over the internet with Intune
  - Secure with M365
- Save on Traditional Deployment costs

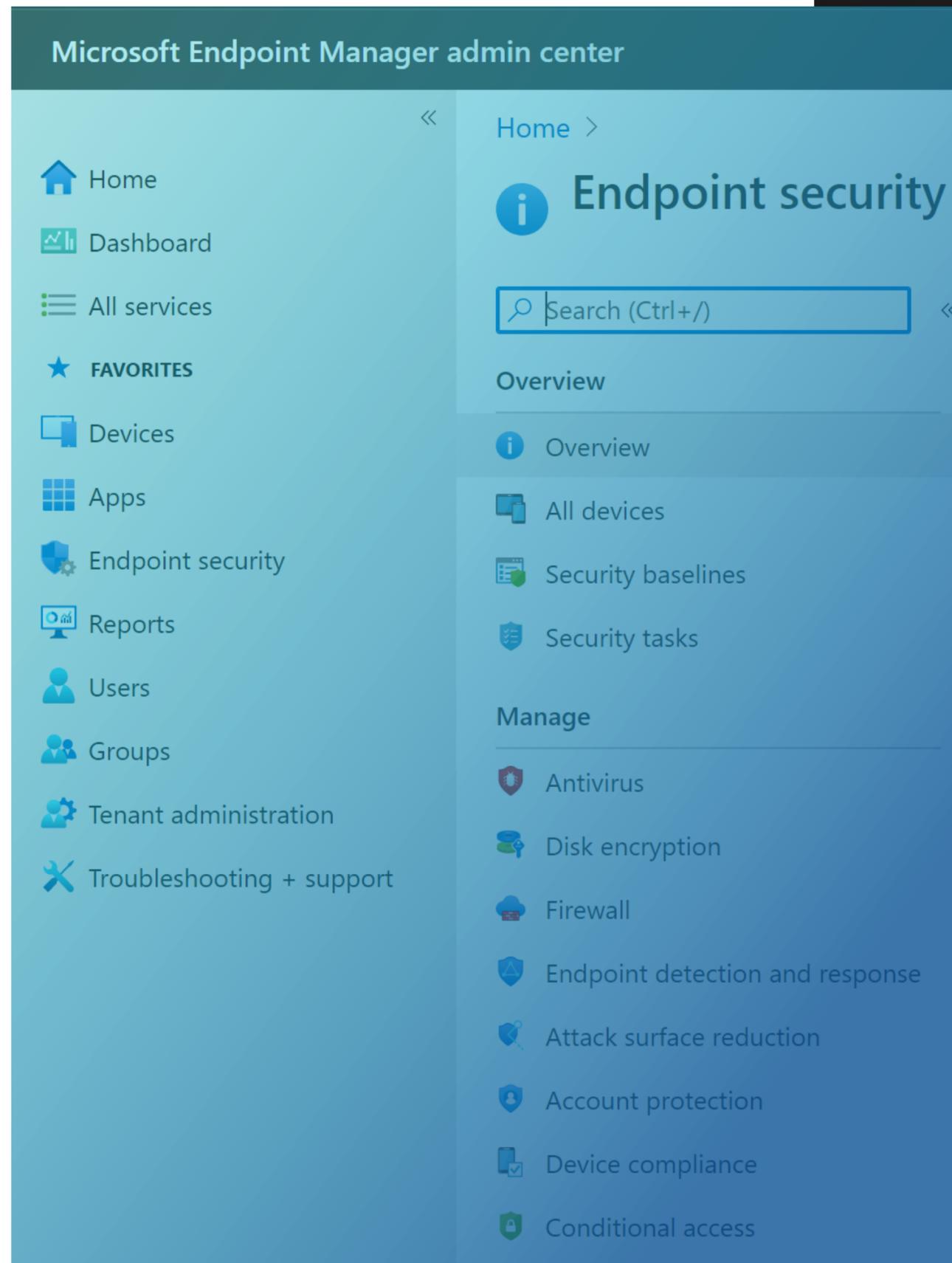


# Microsoft 365 E3 – Hero Features

## Windows AutoPilot

### Windows AutoPilot Deployment Service





# Microsoft 365 E3 - EMS Endpoint Manager - Intune

- Multi Platform support
- Device Configuration (MDM/MAM)
  - User & Device Experience
  - Security
- Application & Store Management
- Group Policy Templates
- Configuration Baselines
- Compliance & Reporting

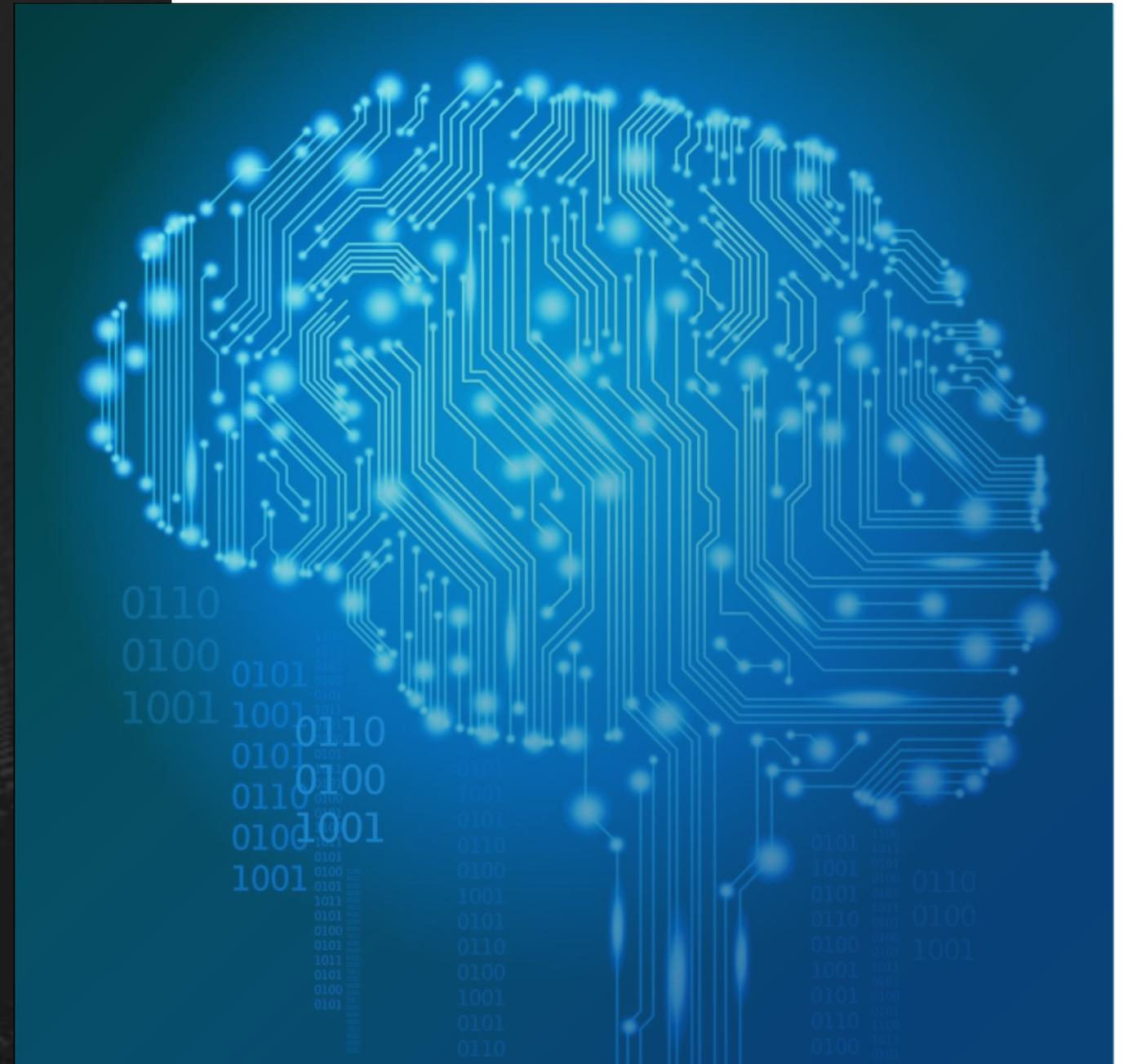


# Microsoft 365 E3 Security: Example Timeline



# Unpacking M365 E3 Takeaways

- Understand the basics of “E3 vs E5”
- Identify the most beneficial features & capabilities for quick improvement
- Understand how to scale with E3 and improve your ROI
- Kickstart your security with E3 Hero features



# Next Steps: Book your Security Workshop

Continue the conversation



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# Live Q&A: Send us your questions through chat!

Continue the conversation



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