



CSP Masters Program in person series

Technical training

Microsoft Intune Summary



Overview: Microsoft Intune



Intune Configuration



Autopilot



Overview: Microsoft Intune



I am a business owner and looking for mobile device strategy for my organization. I heard about Microsoft Intune and would like to understand how it can help simplify IT management!

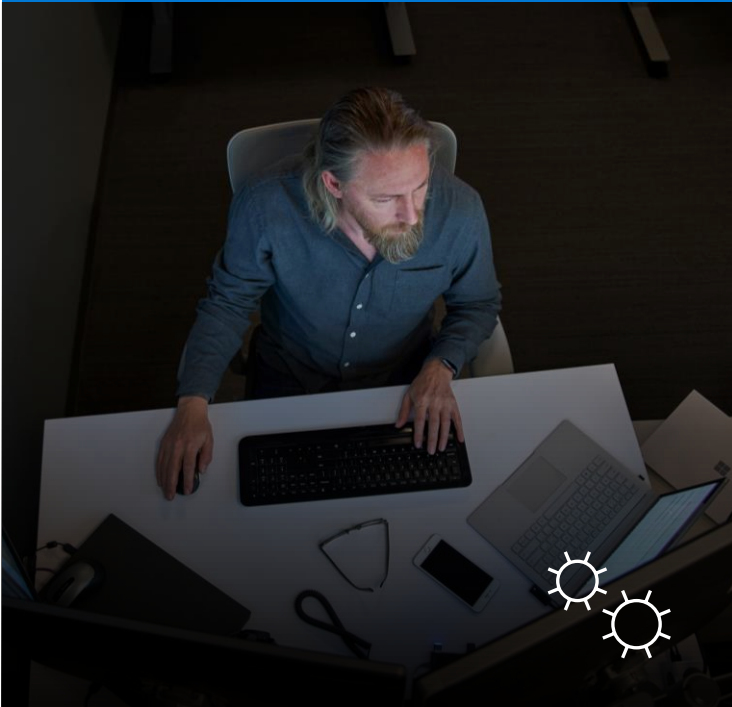
Bob D
Northwind Traders



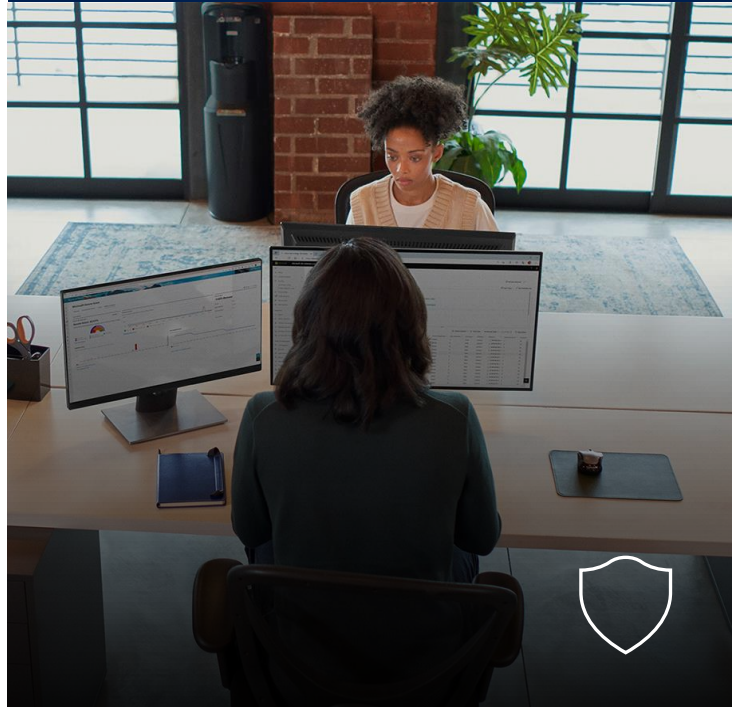
Microsoft Intune

A unified solution to manage endpoints anywhere

Simplify endpoint management



Protect a hybrid workforce



Power better user experiences



Imagine if...

...you could **simplify your IT processes** and reduce complexity and costs

SIMPLIFY ENDPOINT MANAGEMENT



Today

- Multiple tools
- Limited resources for IT
- Limited cross visibility

The future powered by Microsoft Intune.

Management and security tools in a single solution



Complete visibility and actionable data



Manage any device, regardless of ownership

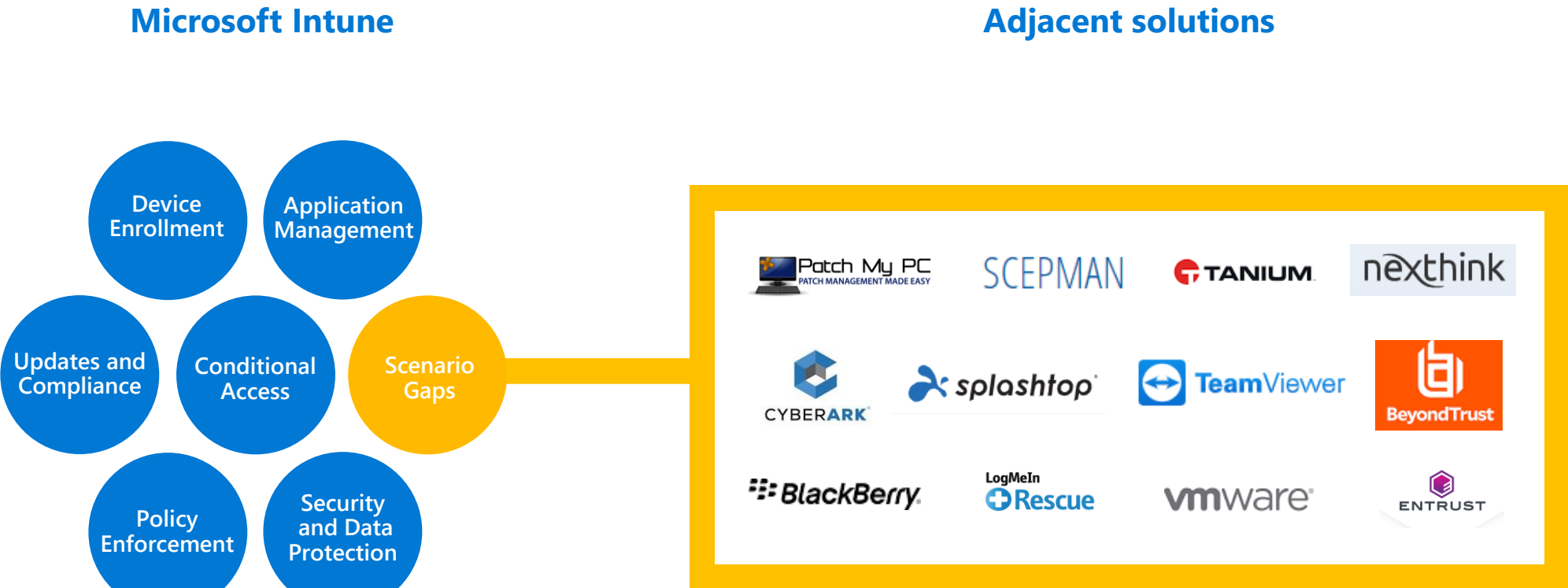


Increase IT efficiency and reduce cost



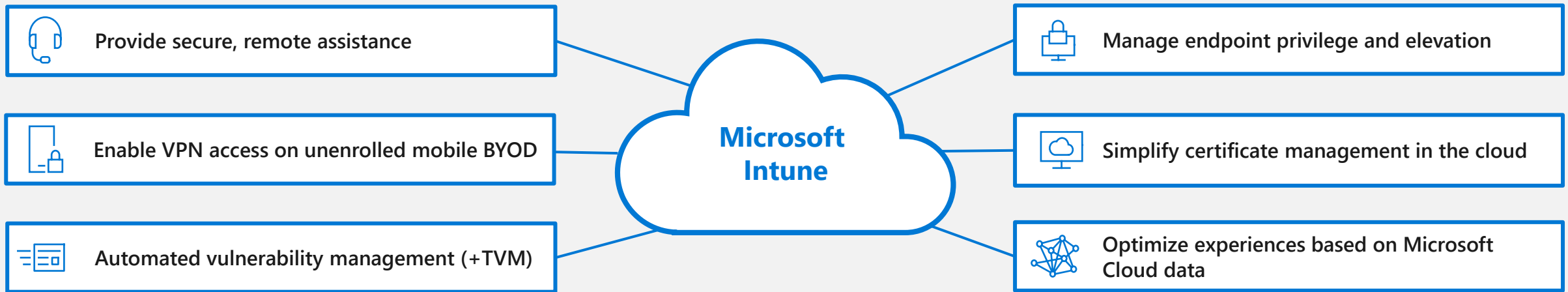
Current situation

Bring together mission-critical management and security tools into a single, cloud-powered solution.



The vision to deliver value over time

Bring together mission-critical management and security tools into a single, cloud-powered solution.



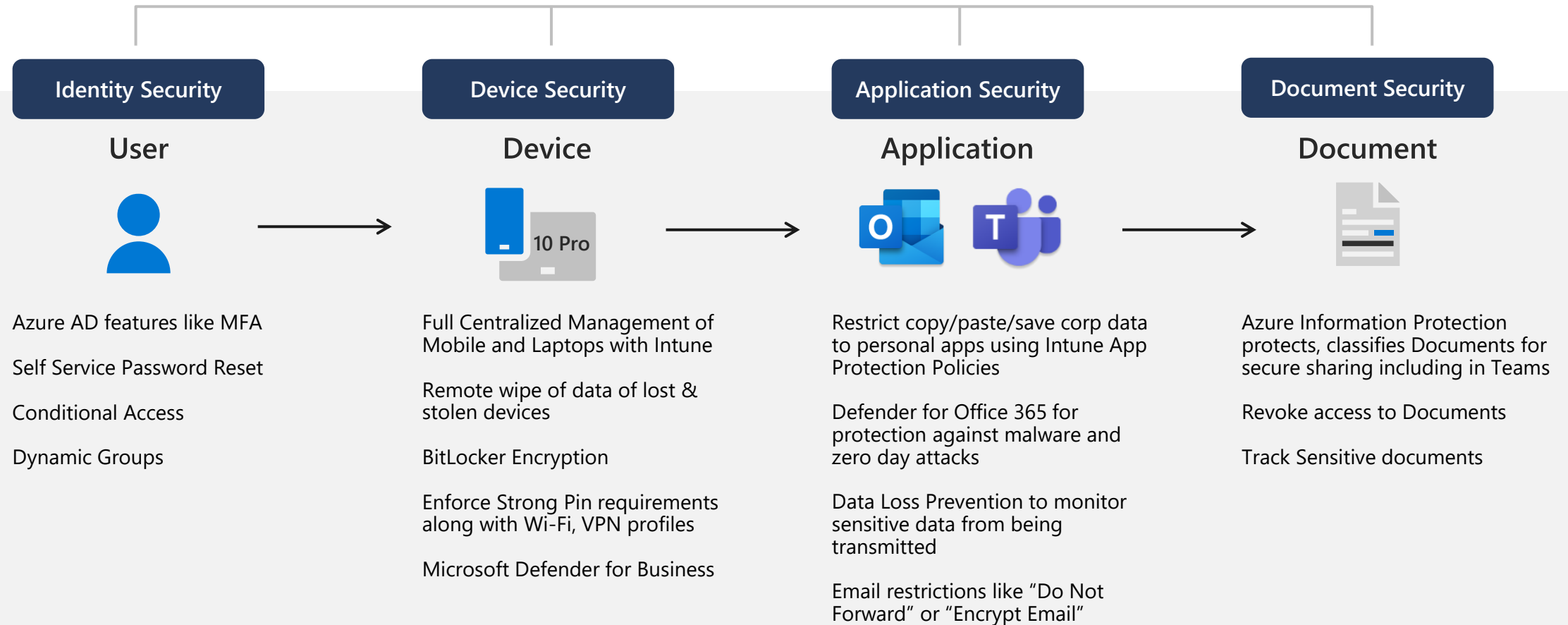
Simplify endpoint management
Reduce TCO

Protect hybrid workforce
Strengthen your Zero Trust security posture

Power better user experiences
Increase satisfaction

Today's sophisticated attacks call for Layered security

Microsoft 365 Business Premium



Manage the entire device lifecycle with Microsoft Intune

Enroll

Provide specific enrollment methods for iOS/iPadOS, Android, Windows, macOS and Linux

Provision Windows 365 Cloud PCs

Provide a self-service company portal for users to enroll BYOD devices

Zero-touch provisioning with automated enrollment options for corporate devices

Support and retire

Revoke access to corporate resources

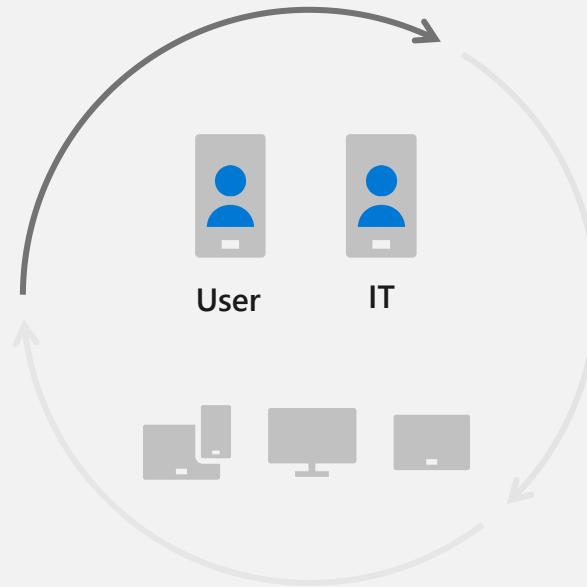
Perform selective wipe

Audit lost and stolen devices

Retire device

Deprovision Windows 365 Cloud PCs

Provide remote assistance



Configure

Deploy certificates, email, VPN, and Wi-Fi profiles

Deploy device security policy settings

Install mandatory apps

Deploy device restriction policies

Deploy device feature settings

Protect

Restrict access to corporate resources if policies are violated (e.g., jailbroken device) with Conditional Access

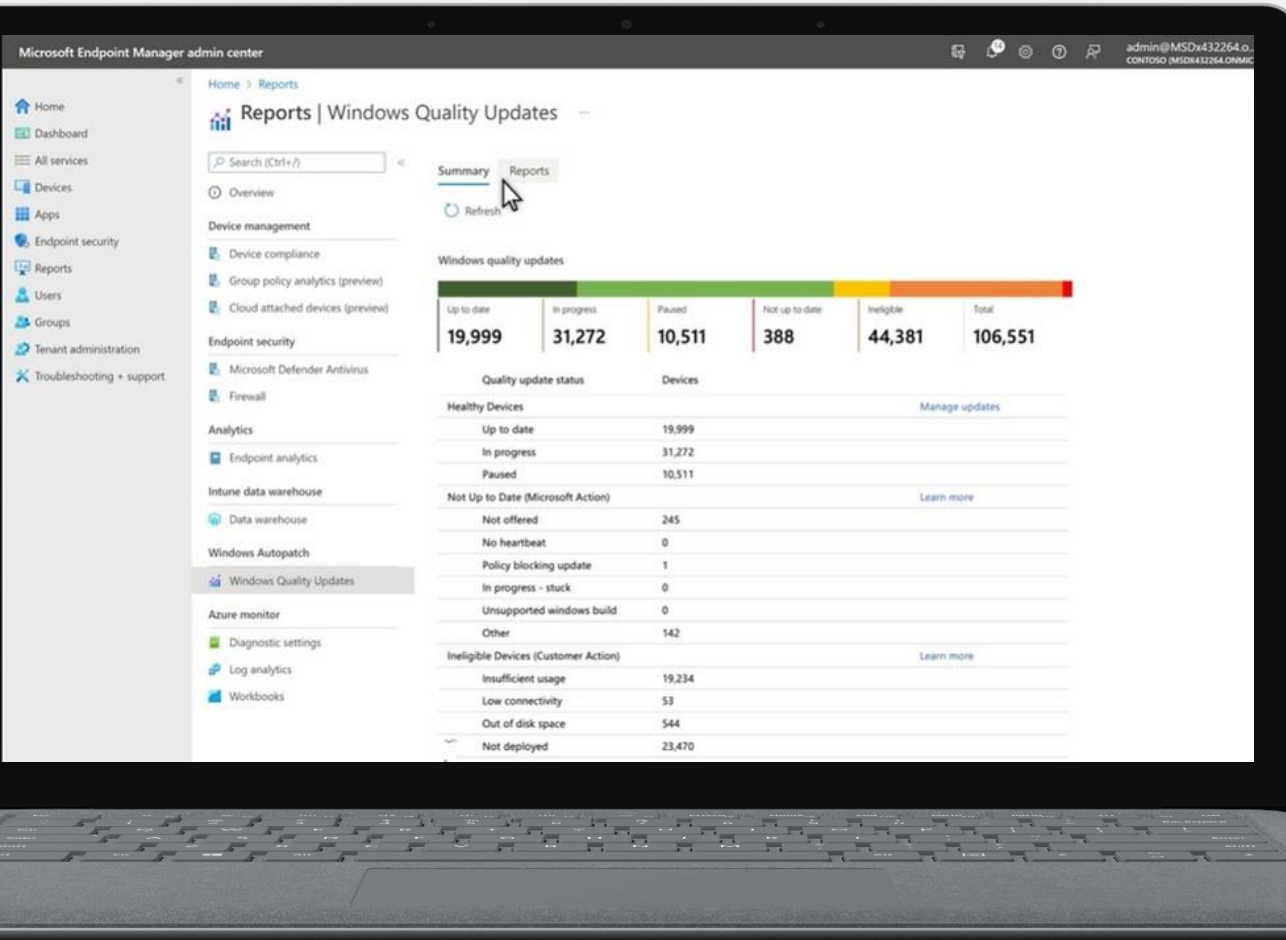
Protect corporate data by restricting actions such as copy/cut/paste/save outside of managed app ecosystem

Protect devices from security threats with Microsoft Defender for Endpoint

Report on device and app compliance

Keep current, stay secure

PROTECT A HYBRID WORKFORCE



Automated updating **gives time back to IT admins and peace of mind** to security teams

Trust Microsoft to manage updates for Windows and Microsoft 365

Harden your posture against exploits and ransomware

Transparency and reporting keep you in control

Microsoft leverages insights to proactively address challenges and limit interruptions

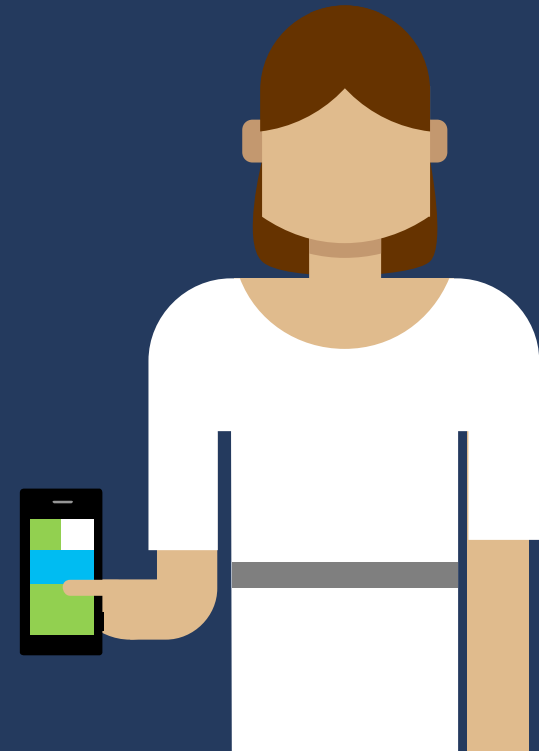


Intune Configuration



I'm an architect and one of my customer has hybrid workforce. I like to configure user's personal and corporate devices based on organization policies. Show me step-by-step configuration!

Adele V
Northwind Traders



In a complex device landscape, you need choices

Microsoft Intune gives you the flexibility and control to secure your data on any device – even those you don't manage



What is device enrollment in Intune?

The MDM enrollment process establishes a relationship between the user, the device, and the Microsoft Intune service.

The enrollment method depends on the device’s ownership, device platform, and management requirements.

Device ownership	Description
Bring your own device (BYOD)	Personally-owned phones, tablets, and PCs. Users install and run the Company Portal app to enroll BYODs.
Corporate-owned device (COD)	Phones, tablets, and PCs owned by the organization and distributed to the workforce. COD enrollment supports scenarios like automatic enrollment, shared devices, or pre-authorized enrollment requirements.

Device platform
Apple iOS, iPadOS and macOS
Google Android (including Samsung Knox), Android Enterprise
Windows

Management requirement	Description
With or w/o User Affinity	Choose whether the device is affiliated with a single user or if the device will be shared or used as a kiosk device.
Locked enrollment (iOS only)	Choose whether users can unenroll devices.
Reset required	Depending on the chosen enrollment method, devices are wiped during enrollment.

Supported device platforms



Apple iOS 14.0 and later
Apple iPadOS 14.0 and later
macOS 11.6 and later



Android 8.0 and later*
(including Samsung KNOX
Standard 2.4 and higher)**
Android Enterprise (7.0+)
Android open source project
devices (AOSP) supported
devices
RealWear devices
(Firmware 11.2 or
later)



Surface Hub
Windows 10 and Windows
11 (Home, S, Pro, Education,
and Enterprise versions)
Windows 10 and Windows
11 Cloud PCs on Windows
365
Windows 10 Enterprise 2019
LTSC
Windows 10 IoT Enterprise
(x86, x64)
Windows Holographic for
Business
Windows 10 Teams (Surface
Hub)

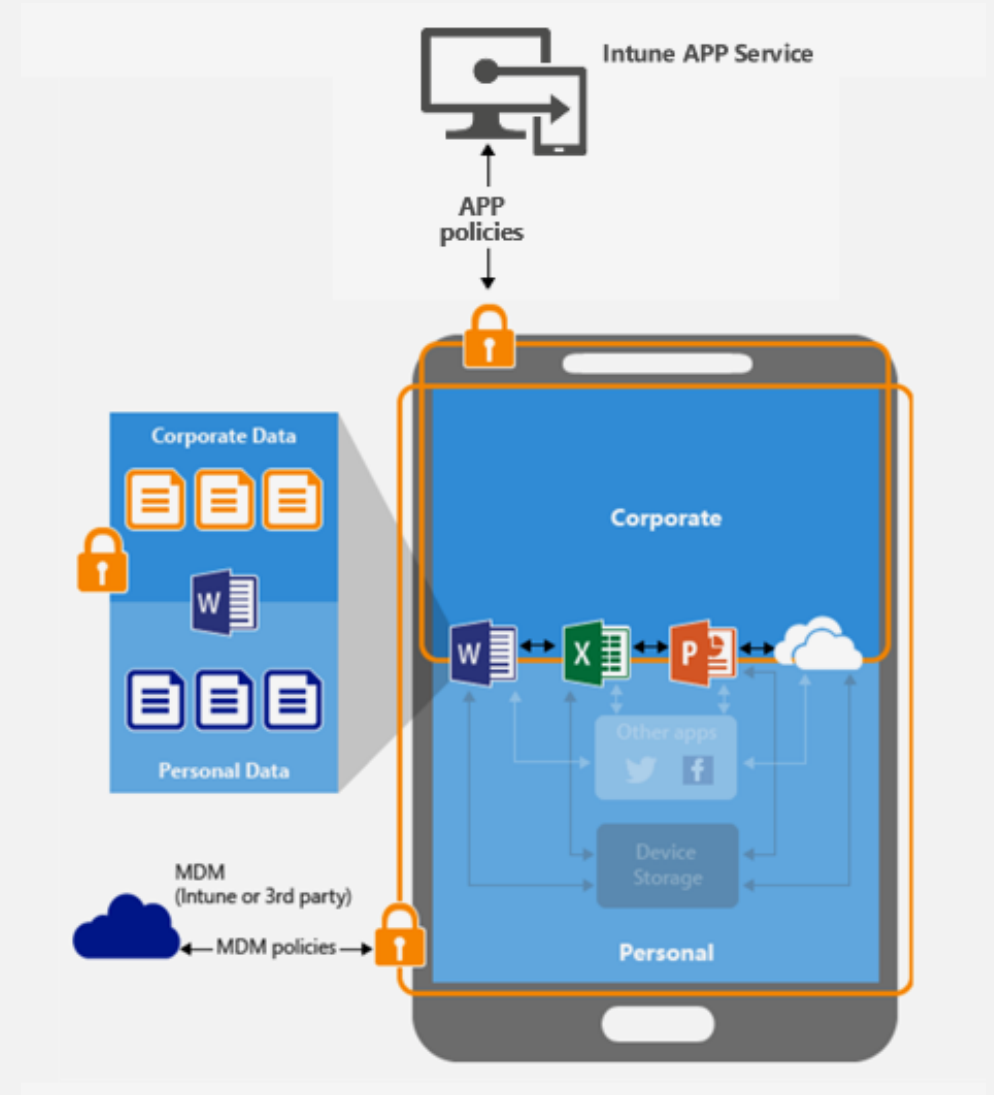


Ubuntu Desktop 22.04.1 LTS
with a GNOME graphical
desktop environment
Ubuntu Desktop 20.04 LTS
with a GNOME graphical
desktop environment

App management without enrollment

Allow customers to protect data in managed apps such as Office.
Prevents copying from a managed app into Facebook, for example.
Selective wipe of managed app data.
Does not require device to be MDM enrolled – great for customers who can't migrate from their MDM quite yet.
Users can install apps from the company portal. Assigned to the user even though associated device is not enrolled into Intune.

Supported apps: <https://docs.microsoft.com/en-us/mem/intune/apps/apps-supported-intune-apps>



Immersive Experience

Configure and Protect BYOD : Admin

Immersive Experience

Configure and Protect BYOD : User

Immersive Experience

Configure and Protect corporate owned devices

Intune Suite

Capability	Standalone add-on	Intune Plan 2	Intune Suite
Endpoint Privilege Management	✓		✓
Enterprise App Management	✓		✓
Advanced Analytics	✓		✓
Remote Help	✓		✓
Microsoft Tunnel for Mobile Application Management		✓	✓
Firmware-over-the-air update		✓	✓
Specialized devices management		✓	✓

<https://learn.microsoft.com/en-us/mem/intune/fundamentals/intune-add-ons>



Autopilot

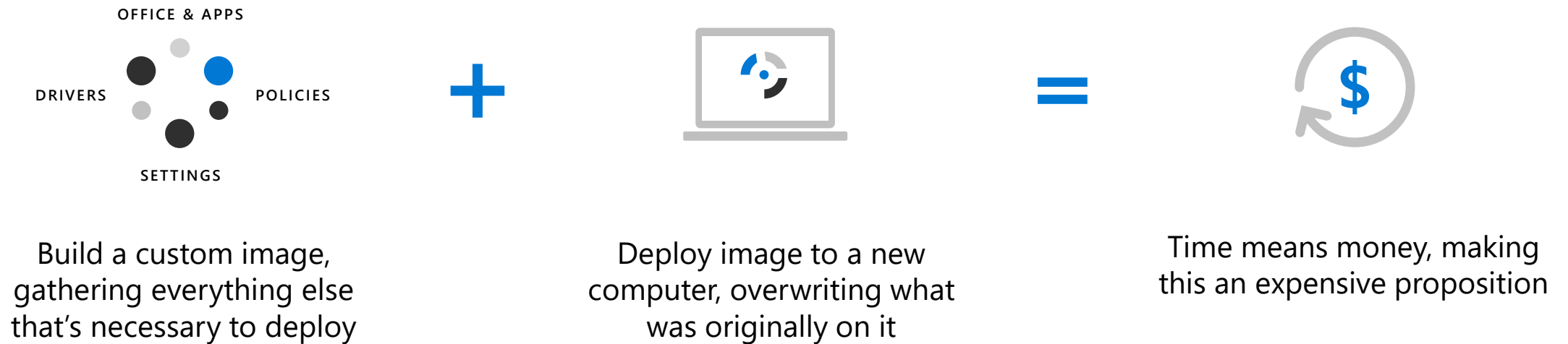


I'm an IT Admin and it is very difficult for me to manage user devices. I am looking to simplify IT management and maximize ease of use for all types of end users.

Bob D
Northwind Traders



Traditional Windows deployment // The old way



Lifecycle of a Windows device with Windows Autopilot



Your organization decides to invest in Windows devices. The Partner builds a tailored solution for your organization.

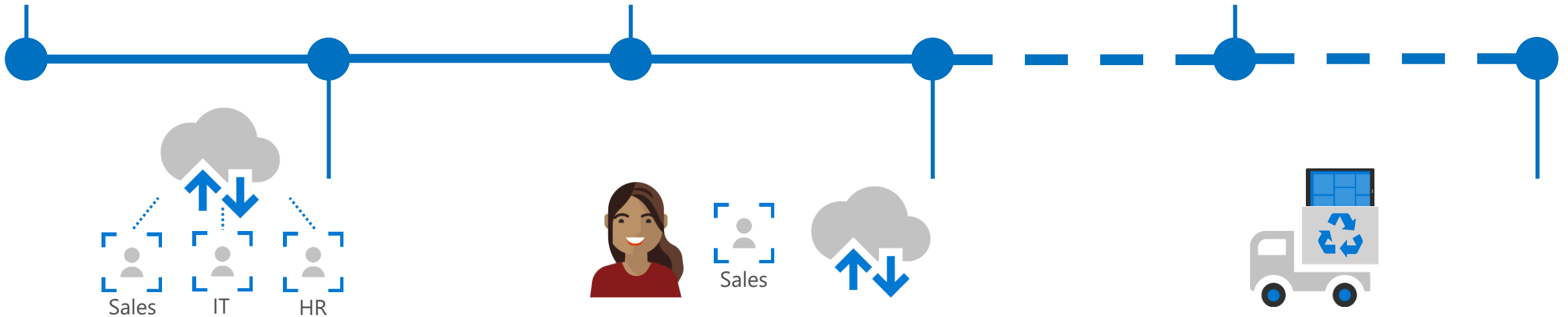


anna@contoso.com

Device ships directly to users. Anna unboxes her new device and logs in.



The device can be reprovisioned for future users through Autopilot Reset.

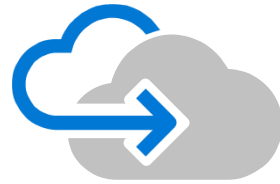


You and your Partner build the Autopilot deployment profiles in Endpoint Manager. Deployment profiles are assigned through Azure AD & Intune.

Anna's profile, with all the apps and policies she needs, is automatically deployed through Azure AD & Intune. The device is now fully setup and ready for use.

When the device reaches its end of life, it is deprovisioned and leaves the organization.

Windows Autopilot deployment



Cloud driven

Three simple steps

Register devices

Assign an Autopilot profile to the devices

Ship the device to the user

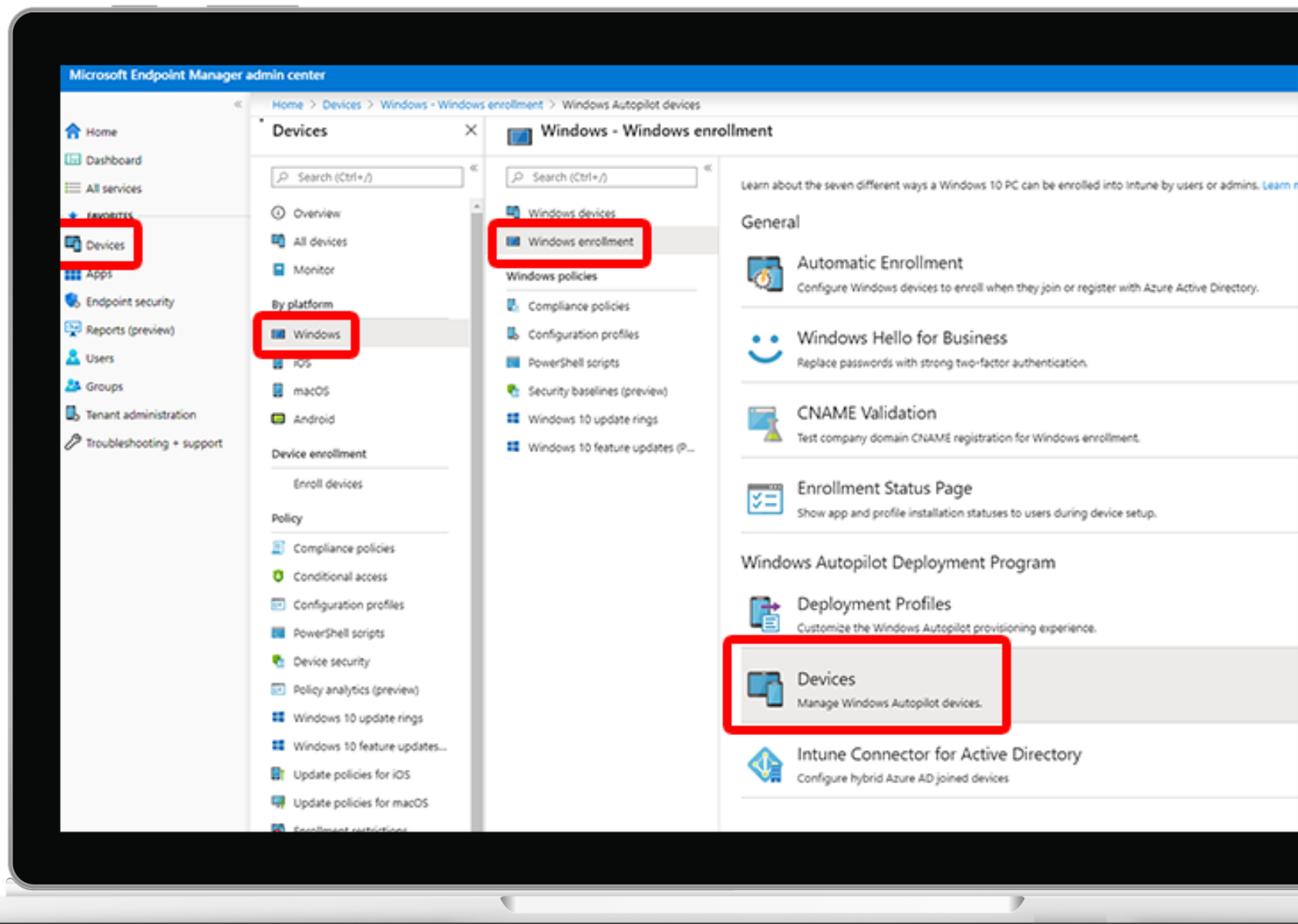
Windows devices enrollment with Autopilot

Steps to manage devices with Autopilot

- 1 Add devices to Intune
- 2 Create an Autopilot device group
- 3 Create an Autopilot deployment profile
- 4 Assign the Autopilot deployment profile to the device group
- 5 Distribute Windows devices to users

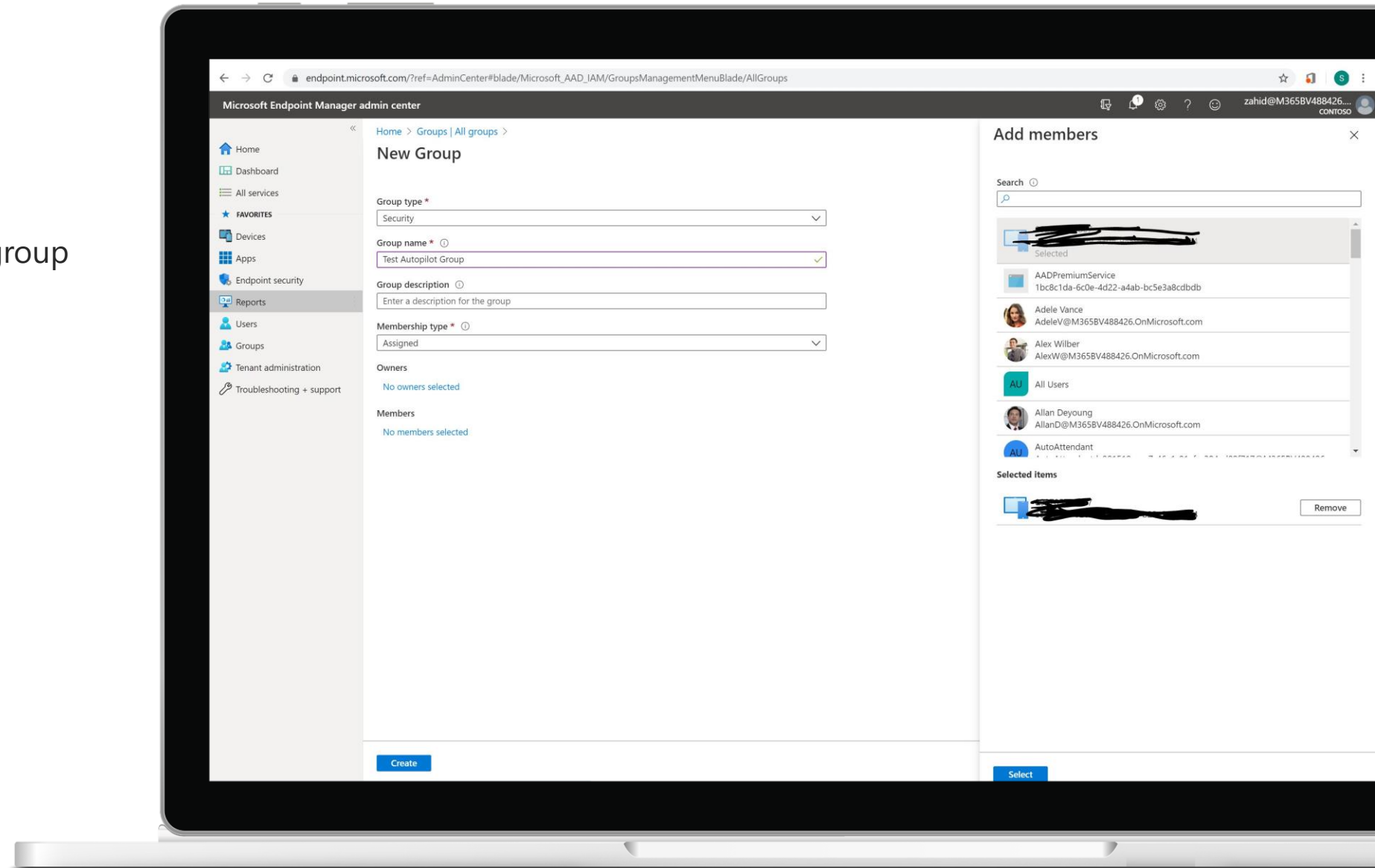
Windows Autopilot

1 Add devices to Intune



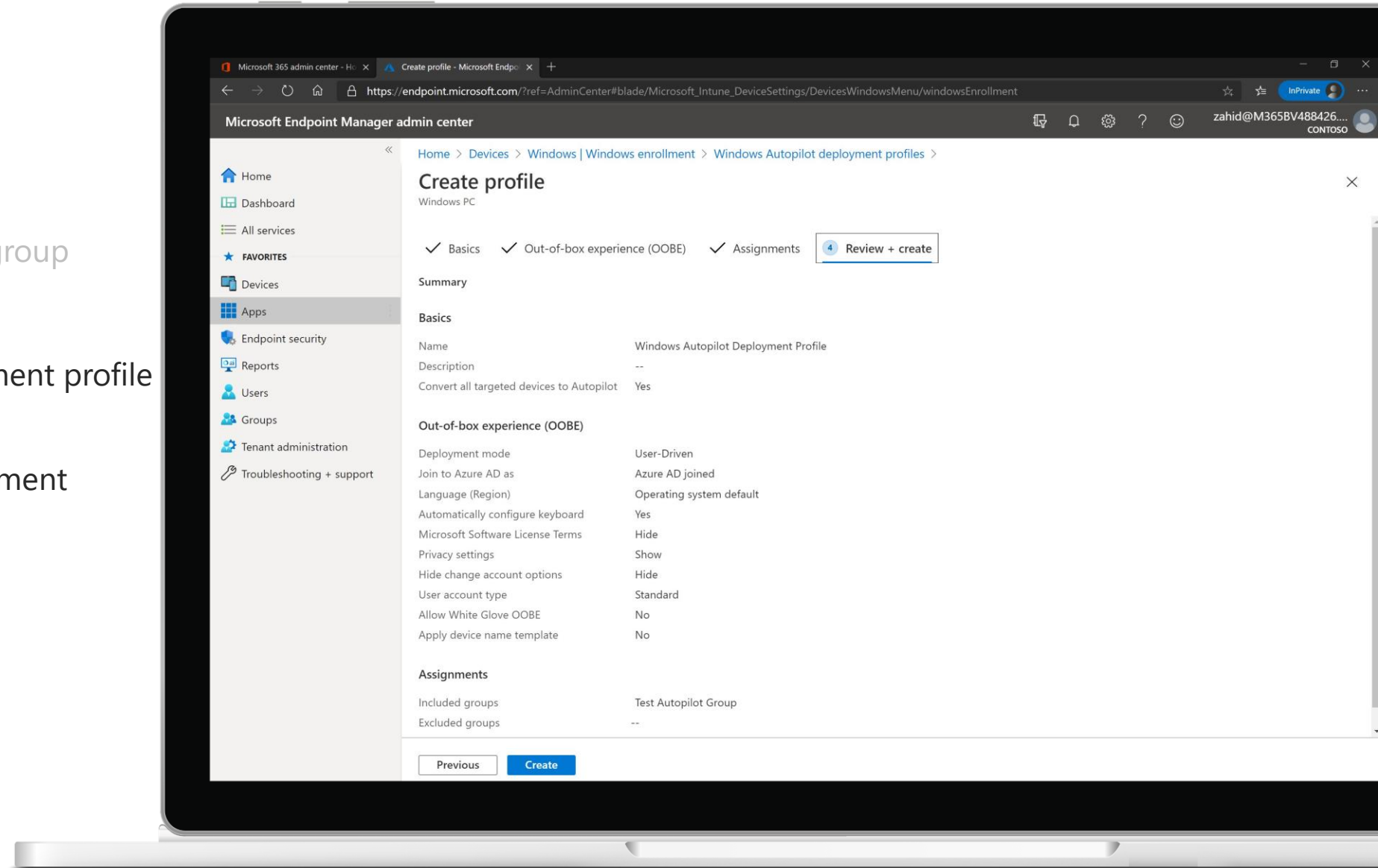
Windows Autopilot

- 1 Add devices to Intune
- 2 Create an Autopilot device group



Windows Autopilot

- 1 Add devices to Intune
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Windows Autopilot

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And enjoy a cup of java



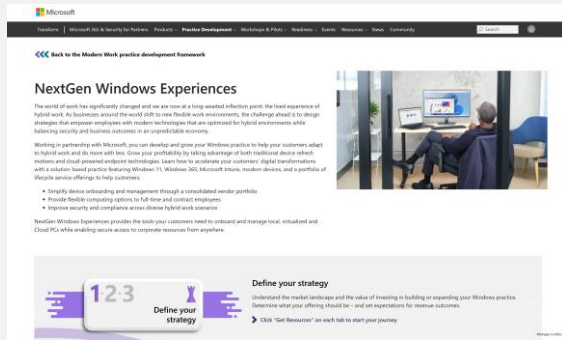
Immersive Experience

Windows Autopilot : Admin Side

Immersive Experience

Windows Autopilot : OOBE

Partner learning resources

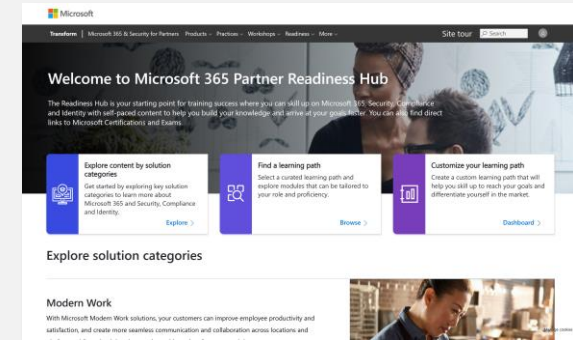


NextGen Windows Experiences Partner Practice Page

[NextGen Windows Experiences](#)



NextGen Windows Experiences technical bootcamp (coming soon)



Readiness Hub

readiness.transform.microsoft.com

Learning paths



[Endpoint
Management](#)



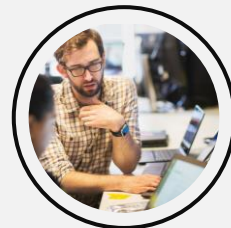
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[Azure Active
Directory Video
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[Microsoft
Defender for
Endpoint Video
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