Windows

Windows 11

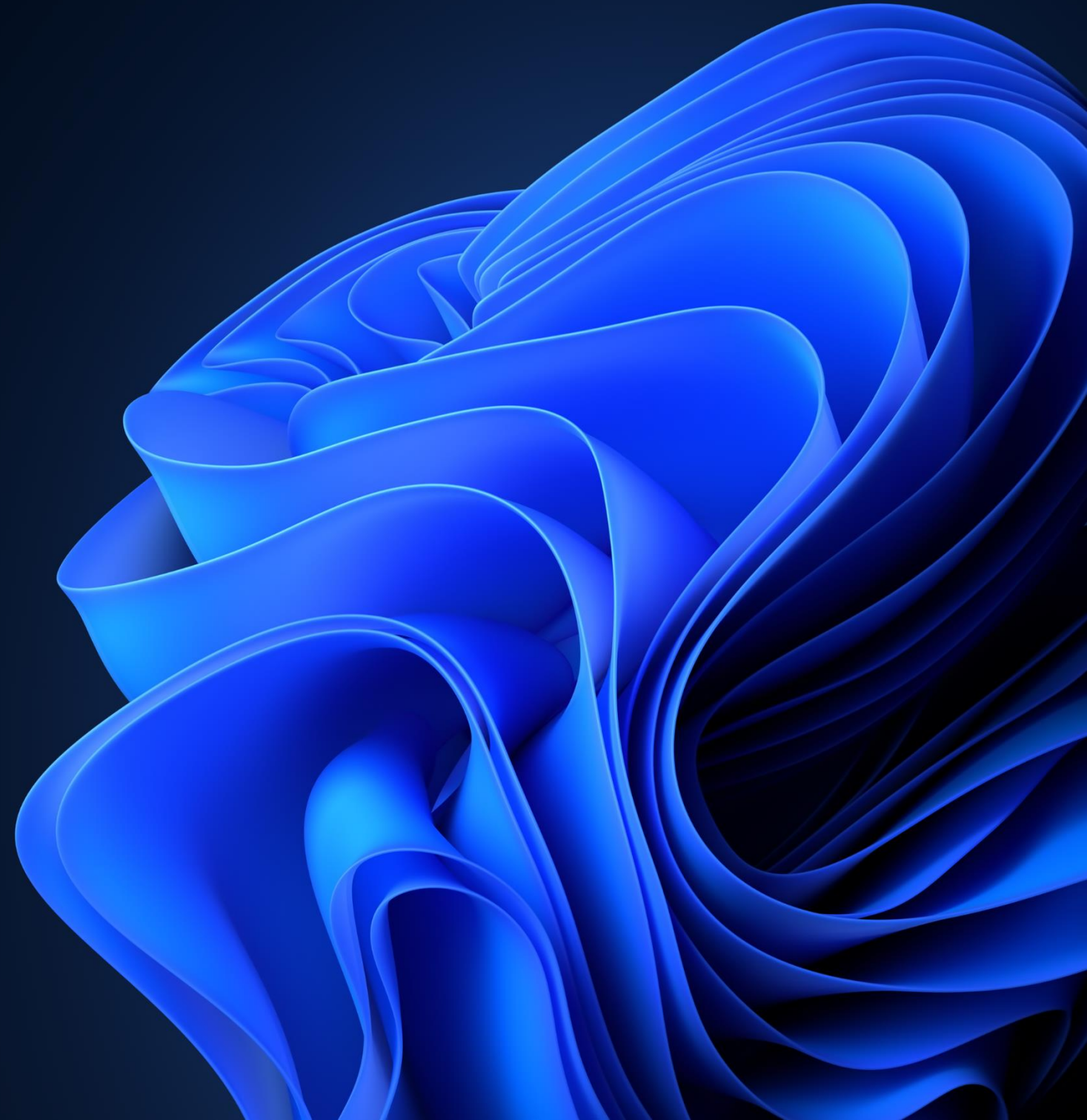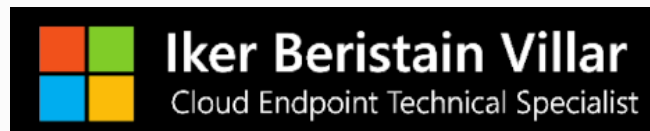Iker Beristain Villar
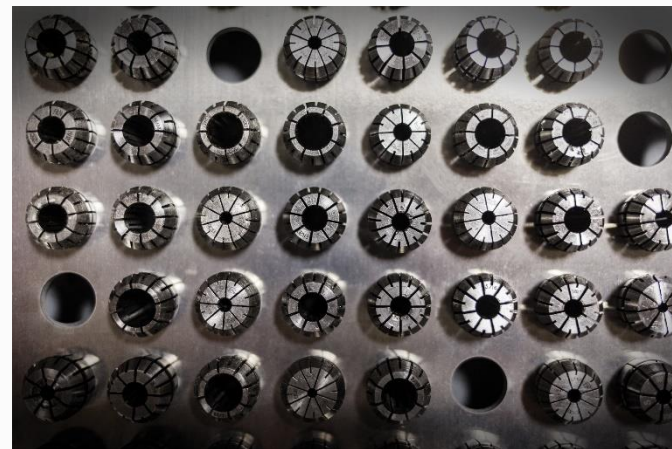Cloud Endpoint Technical Specialist

Why Windows 11

Why Windows 11

The pandemic is driving an increased need for agility and resilience

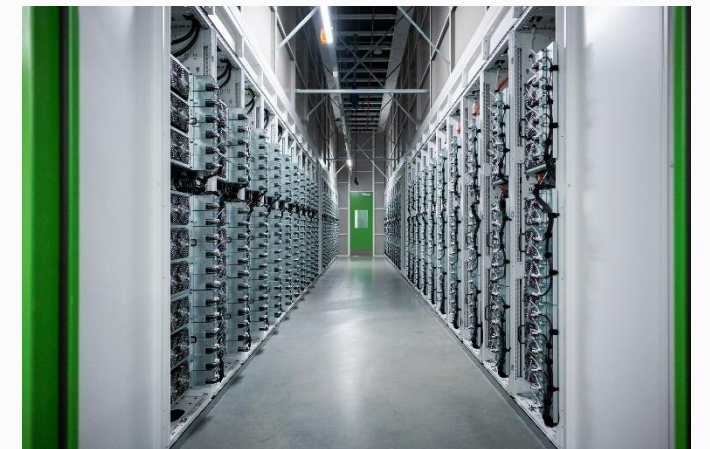**Maintain productivity at pre-pandemic levels while working from home**

Reduce barriers to collaboration

Protect corporate data and endpoints from malware and ransomware

Deliver consistent workplace equipment and services for remote work

Designed for hybrid work

Windows 11

Productive

Improve productivity and focus with a simple, powerful user experience.

Collaborative

A smarter way to collaborate with Microsoft Teams integration.

Secure

Ready for Zero Trust, to protect data and secure access, anywhere.

Consistent

App compatibility and cloud management make adoption easy.

Work smarter with a
simple, powerful user
experience

Productive

2

Productive

Simple, modern visuals

Windows visuals to delight and focus on what matters.

Snap assist

Automatically keep your window layouts saved in perfect arrangement.

Widgets

Stay on top of what's important with personalized aggregated content.

Integrated voice typing

Effortlessly type a document or write an email without a keyboard.

Great tablet experience

Voice Typing: requires a PC with a microphone

A smarter way to
collaborate with Microsoft
Teams integration

Collaborative
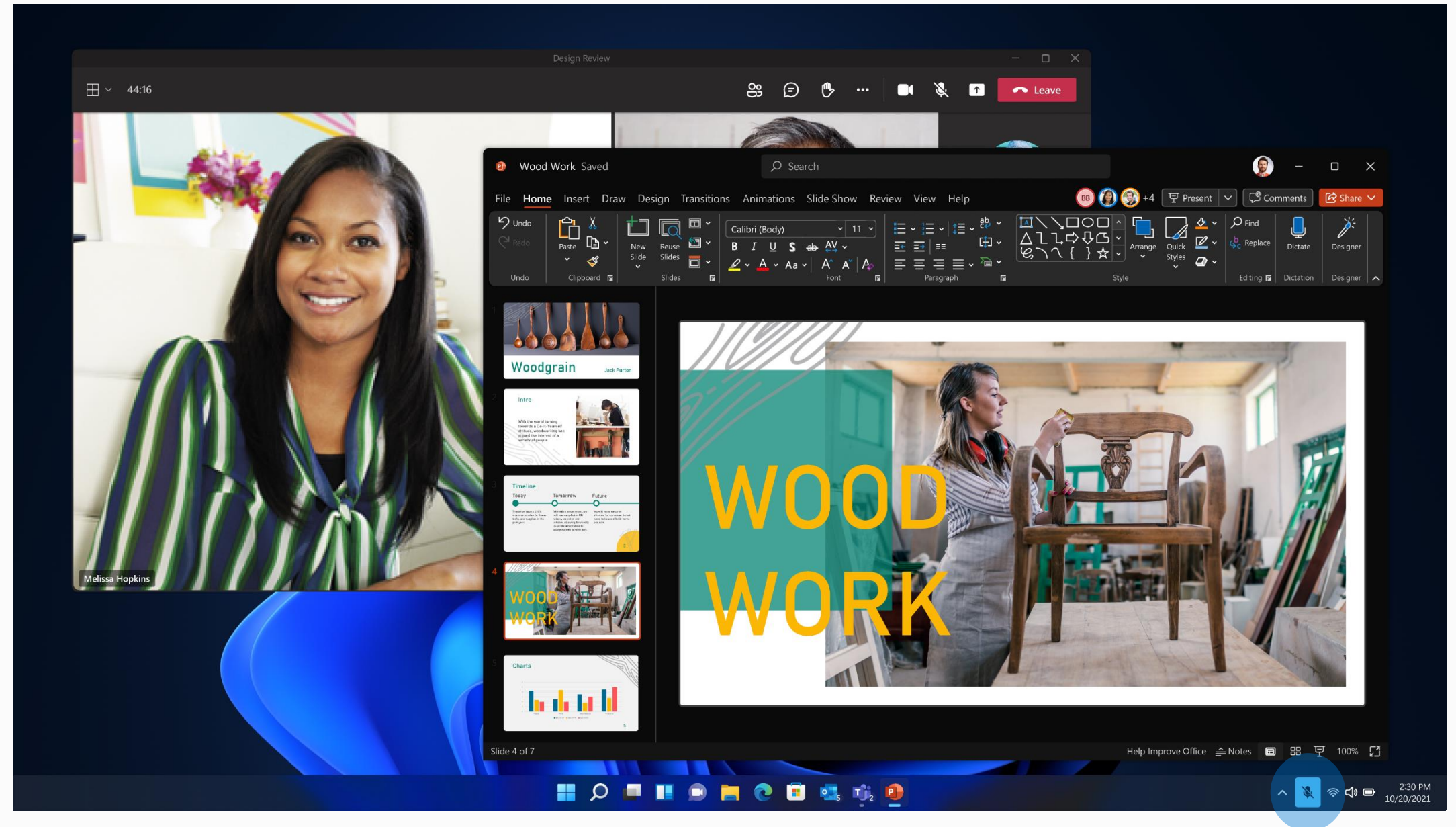
3

Collaborate

Share a window while in a meeting

Share any window from the Taskbar while in a call or in a meeting.

Inclusive video conferencing

Turn microphone on and off right from the taskbar so everyone's voice is heard.

Keep the background in the background with intelligent noise cancelling and blur.

Protect data and secure
identities in a zero-trust
world

Secure

4

Secure

The most secure Windows yet

Increased protection with built-in security and hardware-based isolation

Company PCs for remote workers

Ship the employee corporate owned devices that is locked to policy

Forget passwords, go passwordless.

Convenient, secure, single sign-on with Windows Hello for Business.

Some features require a new PC or a clean install of the OS
Some features require a commercial Microsoft 365 subscription service
Windows Hello requires a camera configured for near infrared (IR) imaging or fingerprint reader for biometric authentication. Devices without biometric sensors can use Windows Hello with a PIN or portable FIDO2 compatible security key

Security by default

Windows 11 delivers powerful protection from chip to cloud

In Windows 11, hardware and software security work together to help keep users, data, and devices protected.

- Protects against threats by separating hardware from software with hardware root-of-trust, for powerful security from the start

- Protect the OS with against unauthorized access to critical data

- Delivers robust application security and prevents access to unverified code

- Protects user identities with passwordless security

- Extends security to the cloud to help protect devices, data, apps, and identities from anywhere

*Requires new PC with Pluton processor, expected availability Spring 2022

Cloud protection

Identity protection

Application protection

Operating system protection

Hardware and firmware protection

Servicing and management is consistent with Windows 10 to help you move forward.

Consistent

5

Consistent in control

Deploy Windows 11 devices alongside Windows 10 devices

Managed from the cloud with solutions your already have.

Windows 10 apps work on Windows 11

Build on the same foundation as Windows 10

Provision and manage devices for the hybrid workforce

App Assure guarantees application compatibility

Proactively identify update targets with analytics

Securely print from anywhere to any printer with Universal Print

Run virtual apps like local with Azure Virtual Desktop

When apps work on Windows 10, they work on Windows 11.

Engage the App Assure service to fix problems you identify

Microsoft takes responsibility for compatibility.
Guaranteed by App Assure.

791,553	99.7%	88 M	43.5 M	$7.53 B
Number of apps evaluated	Application compatibility rate	Unblocked endpoints	Helpdesk calls prevented (estimate)	Estimated customer cost savings

Use Test Base for Microsoft 365 (preview) to test your business-critical apps if you have a concern.

aka.ms/TestBase

App Assure requires a Microsoft 365 subscription with a minimum of 150 seats

Build for hybrid work

Windows 10 & 11 Cohabitate:

- Update devices that meet the hardware floor
- Same servicing framework & process
- Same tooling & management approach
- Same ring strategy and approach – just another feature update
- Run the same applications
- Familiar user experiences
- Same deployment cadence

Consistent

Secure

Collaborative

Productive

Plan

Prepare

Deploy

Choice
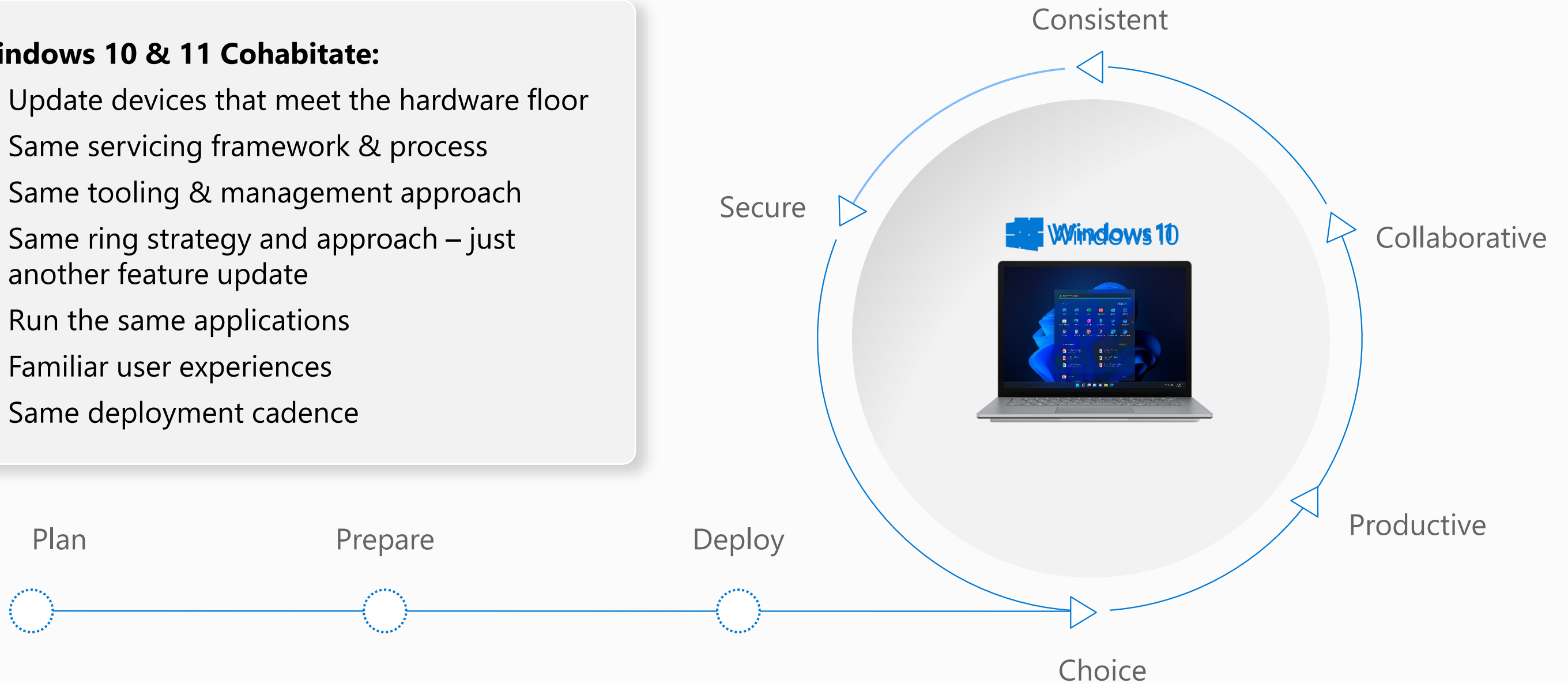
Enterprise ready

Windows Lifecycle

Windows 10

- Two releases per year (Last release 22H2)
- Monthly cumulative quality updates
- Non-Volume Licensing editions – 18 months
  - Home
  - Pro
  - Pro Education,
  - Pro for Workstations
- Volume Licensing editions - 18 months (Spring) and 30 months (Fall)
  - Enterprise
  - IoT Enterprise
  - Education
  - Enterprise Multi-session

Windows 11

- One release per year
- Monthly cumulative quality updates
- Non-Volume Licensing editions – 24 months
  - Home
  - Pro
  - Pro Education,
  - Pro for Workstations
- Volume Licensing editions – 36 months
  - Enterprise
  - IoT Enterprise
  - Education
  - Enterprise Multi-session

Formal support ends October 14, 2025, except LTSC editions. No more releases for Windows 10 after 22H2

E3 Benefits roadmap

Windows cloud activation ☁
Automatically upgrades Pro to Enterprise

Windows Update for Business deployment service ☁
Provides control over the approval, scheduling, and safeguarding of updates delivered from Windows Update
+ Firmware & driver updates.

Microsoft 365 Admin Center integration ☁
Enhanced visibility into Release Health and security posture with Windows Secure Score.

Universal Print ☁
Serverless printer management, eliminates print servers and the need to install printer drivers.
+ Print from all Office for the web apps and secure release.

Microsoft Endpoint Manager integration ☁
Endpoint analytics remediation
BitLocker key management and recovery
Windows feature update device readiness report
Windows feature update compatibility risks report
+ Application compatibility report
+ Windows subscription management

Windows diagnostic data controls ☁
Ability to become controller of your diagnostic data and store it in an Azure compliance boundary.

Windows Autopatch ☁
Intelligent services that keeps Windows, Microsoft Edge and Office deployments updated. (available July 1, 2022)

In-product organizational messaging service ⌨
Corporate communication to end users during device setup and beyond

Microsoft Defender Application Guard ⌨
Hardware-based VBS isolation of Microsoft Edge

Direct Access and Always-On VPN ⌨
Secure access to on-premises and private cloud resources

Personal Data Encryption ⌨
Protect personal files using Windows Hello credentials under lock screen

Best virtualization support ⌨ ☁
License to run Local VM, access to Windows 365 Enterprise; Azure Virtual Desktop and VDA client license included.

FastTrack and App Assure services
Access to FastTrack engineers for Windows 10/11, Microsoft Edge, Universal Print, and application compatibility remediation.

Long Term Servicing Channel ⌨
Windows Enterprise OS version for specialized devices

Edition comparison

Home and personal use

Microsoft Defender AV
Windows update
Microsoft Edge
Widgets
Ink & touch

Home

Small & medium business and enthusiasts

Windows update for Business
Windows Hello for Business
MDM/GPO support
Windows Autopilot
AD & Azure AD join
Device Encryption
Hyper-V for local VMs
Microsoft Defender AV
Windows update
Edge
Widgets
Ink & touch

Pro

Enterprise scale cloud-powered capabilities and OS-based feature

Modern BitLocker Administration
WDAC & Application Control
Security Score
Application Guard for Edge
Direct Access & AO-VPN
Long-term Servicing Channel
36 Months Extended Servicing
FastTrack & App Assure
50% off Windows 7 ESU
VDA, Windows 365 Enterprise,
Windows Virtual Desktop client
license included
Endpoint Manager device
 readiness, update compatibility
 risks reports & endpoint analytics
 remediation
Windows diagnostic data control
Windows Cloud Activation
Windows update for Business
deployment service
Windows update for Business
Windows Hello for Business
MDM/GPO support
Windows Autopilot
AD & Azure AD join
Device Encryption
Hyper-V for local VMs
Microsoft Defender AV
Windows update
Edge
Widgets
Ink & touch

Enterprise E3

The complete endpoint security solution for Windows

Microsoft Defender for Endpoints
Modern BitLocker Administration
WDAC & Application Control
Security Score
Application Guard for Edge
Direct Access & AO-VPN
Long-term Servicing Channel
36 Months Extended Servicing*
FastTrack & App Assure
50% off Windows 7 ESU
VDA, Windows 365 Enterprise,
Windows Virtual Desktop client
license included
Endpoint Manager device
 readiness, update compatibility
 risks reports & endpoint
 analytics remediation
Windows diagnostic data control
Windows Cloud Activation
Windows update for Business
deployment service
Windows update for Business
Windows Hello for Business
MDM/GPO support
Windows Autopilot
AD & Azure AD join
Device Encryption
Hyper-V for local VMs
Microsoft Defender AV
Windows update
Edge
Widgets
Ink & touch

Windows E5

◄— Device license —►   ◄— User license —►

Hardware requirements

To install or upgrade to Windows 11, devices must meet a set of minimum hardware requirements

- **Processor:** 1 gigahertz (GHz) or faster with two or more cores on a compatible 64-bit processor or system on a chip (SoC)
- **RAM:** 4GBs or greater
- **Storage space**: 64GBs or larger
- **Graphics card**: Compatible with DirectX 12 or later with WDDM 2.0 driver
- **System firmware**: UEFI, Secure Boot capable
- **TPM**: Trusted Platform Module (TPM) version 2.0
- **Display:** High definition (720p) display, 9" or greater, 8 bits per color channel
- **Internet connection**: Internet access is required to perform updates and to download and take advantage of some features. Windows 11 Home edition requires internet connectivity and a Microsoft Account to complete device setup on first use.
- **Note**: S mode is only supported on Home Edition on Windows 11. If you are running a different edition of Windows in S mode, you will need to first switch out of S mode prior to upgrading. Switching a device out of Windows 10 in S mode also requires internet connectivity.

Learn more: https://docs.microsoft.com/windows/whats-new/windows-11-requirements

Get started today

Consistent management and servicing

Upgrade to Windows 11 using tools and processes that you already have in place today for Windows 10

Upgrade channel	Management tool, analytics	Upgrade support by general availability
On-premises	Windows Server Update Service, Windows Update for Business	✓
	Microsoft Endpoint Configuration Manager (SCCM)	✓
	Endpoint Analytics	✓
The cloud	Group Policy Management Console (GPMC), local Group Policy	✓
	Microsoft Endpoint Manager Intune, Windows Update for Business	✓
	Update Compliance, Endpoint Analytics	✓
Third-party	Third-party management tools and analytics	✓ *

*Dependent on third-party partner support.

Check Hardware requirements with Endpoint analytics

Learn more:

aka.ms/windows/EndpointAnalytics
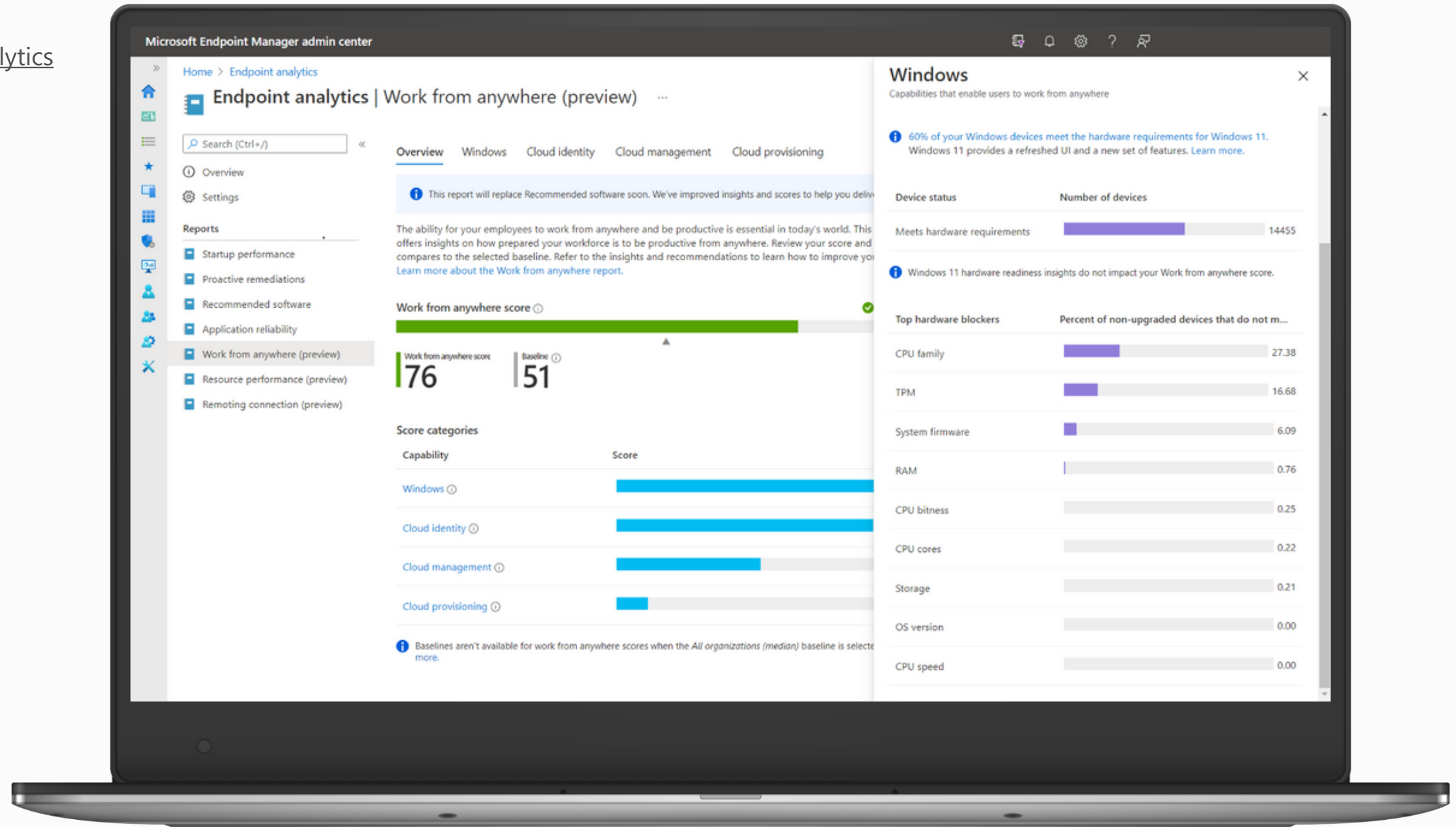
Manual test hardware requirements with PC Health Check

Learn more:
aka.ms/GetPCHealthCheckApp

Thank you

Windows 11