Windows 10

Road to the "Sun"

Vito Macina

Microsoft MVP - Windows and Devices for IT

vito.macina@outlook.com

macinando

vitomacina

Agenda

Windows 10

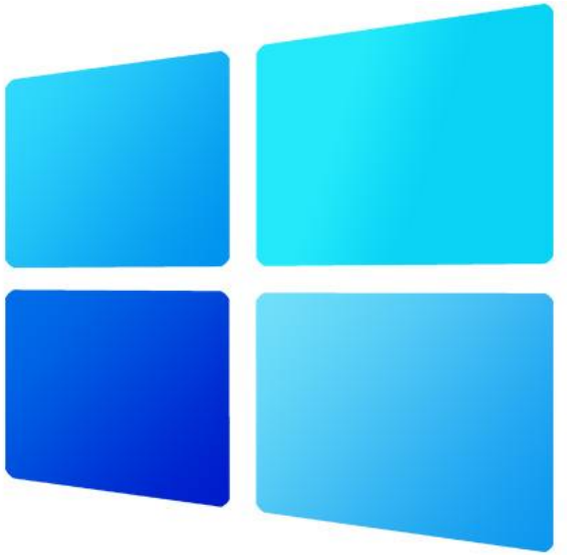
- Where we are?
- Stay Current

Release Evolution

- 21H1 approach
- Insider Notes
- Windows vNext

Windows 10

Where we are?



Windows 10 for everyone

Editions

Windows 10 Home
Windows 10 Pro
Windows 10 Enterprise
Windows 10 IoT Core
Windows 10 Education
Windows 10 Mixed Reality

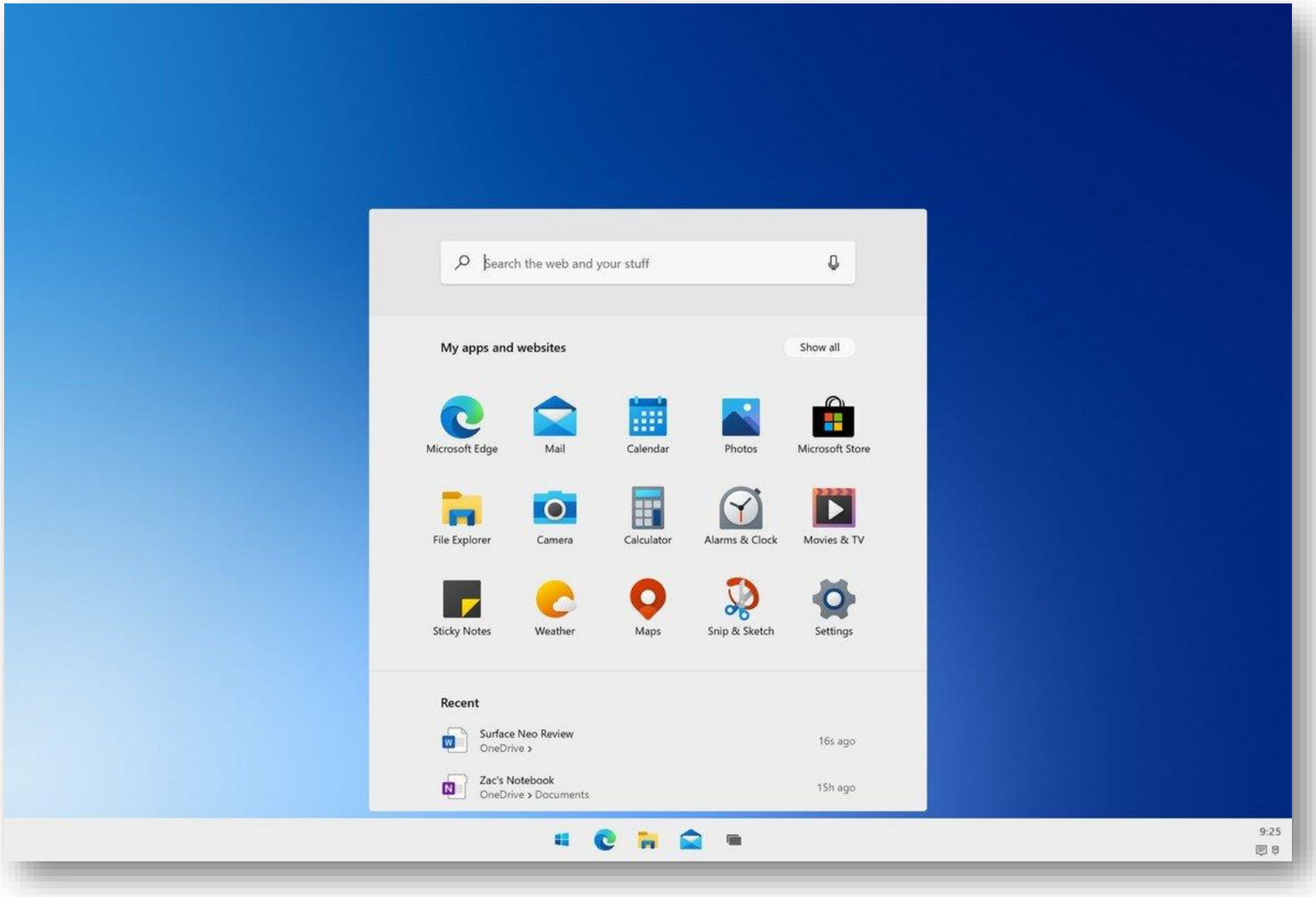
Configuration

Windows 10 Home in S mode
Windows 10 Pro in S mode
Windows 10 Enterprise in S mode
Windows 10 Pro for Workstations

Devices

Desktop
Notebook
Workstation
Convertible
Tablet
AIO
IoT
…

Windows 10X


Search the web and your stuff
My apps and websites
Show all
Microsoft Edge
Mail
Calendar
Photos
Microsoft Store
File Explorer
Camera
Calculator
Alarms & Clock
Movies & TV
Sticky Notes
Weather
Maps
Snip & Sketch
Settings
Recent
Surface Neo Review
OneDrive ›
16s ago
Zac's Notebook
OneDrive › Documents
15h ago
9:25

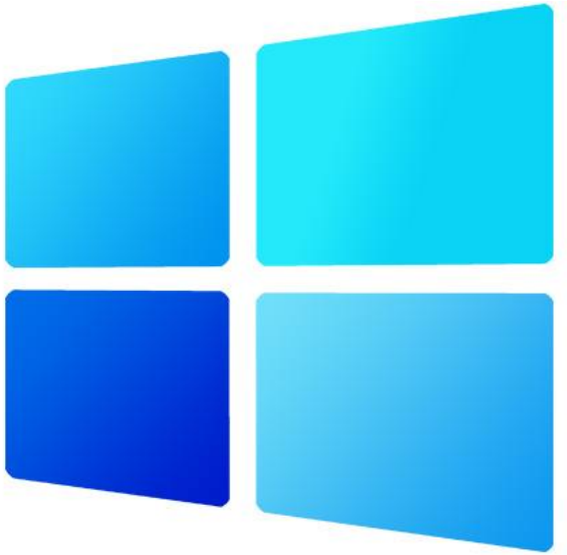
Windows 10 EX

"Following a year-long exploration and engaging in conversations with customers, we realized that the technology of Windows 10X could be useful in more ways and serve more customers than we originally imagined. We concluded that the 10X technology shouldn't just be confined to a subset of customers"

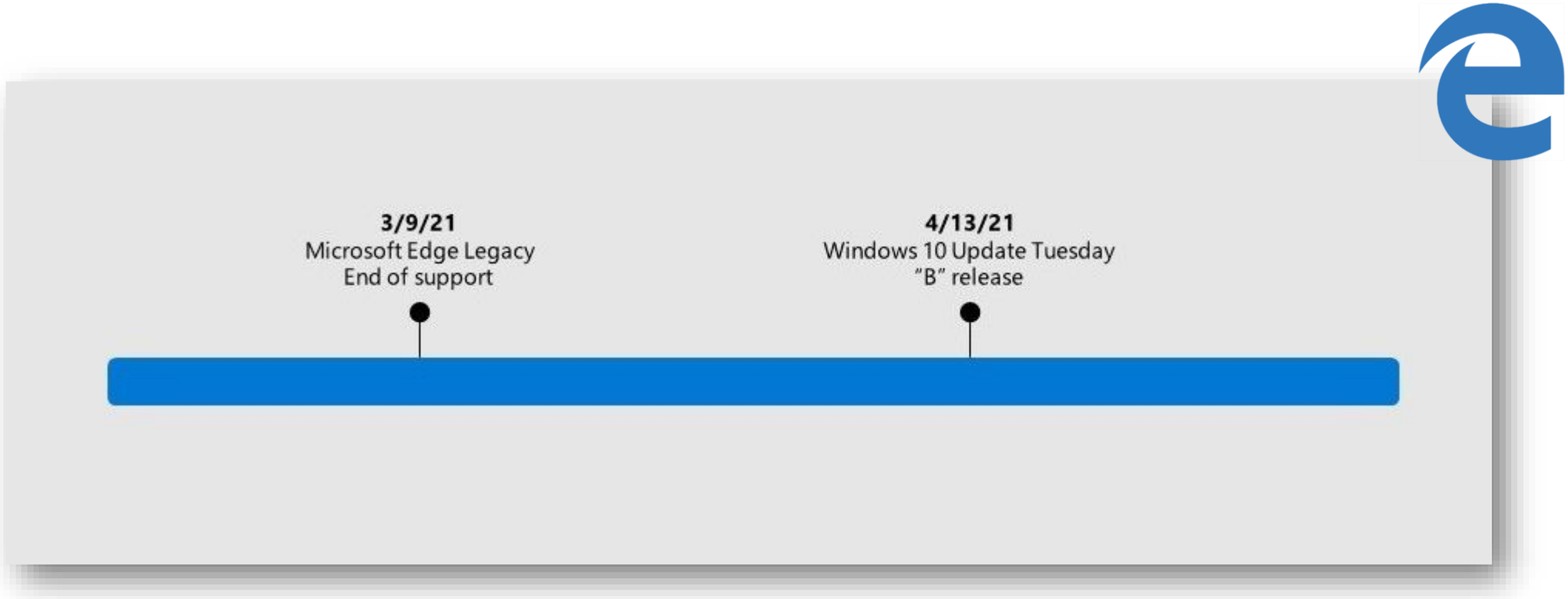
John Cable, Vice President, Program Management, Windows Servicing and Delivery

Windows 10

STAY CURRENT

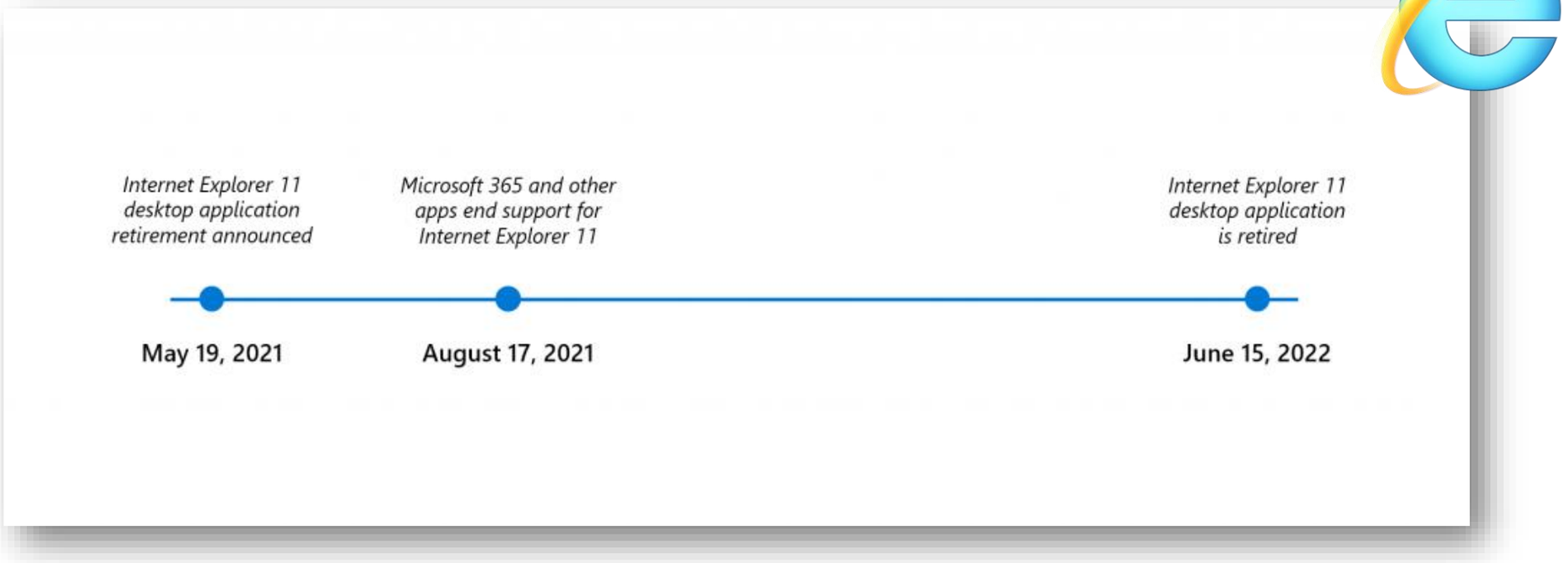


Microsoft Edge Legacy EOS



Microsoft Edge (Chromium)

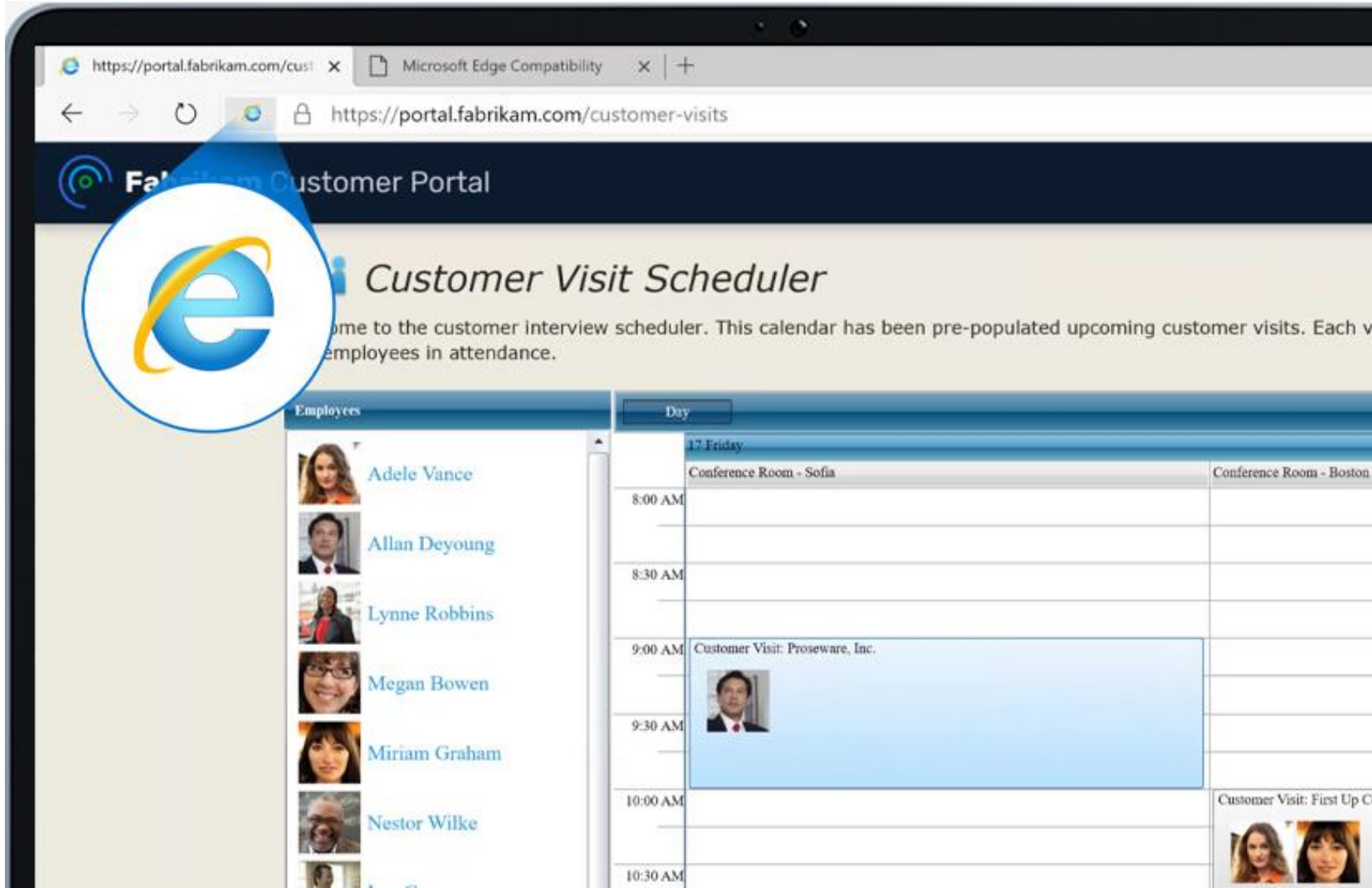
Internet Explorer Retirement



Internet Explorer (IE) mode *through at least 2029*

Microsoft Edge is the only browser with built-in compatibility for legacy sites and apps.

Getting Started Guide



EOS currently supported versions of Windows

Platform	Windows Release	End of Service
Windows Client	Windows 10 Enterprise, version 20H2	5/9/2023
	Windows 10 Enterprise, version 2004	12/14/2021
	Windows 10 2019 LTSC	1/9/2029
	Windows 8.1	1/10/2023
	Windows 7 *(ESU required)*	1/10/2023
Windows Server	Windows Server, version 20H2 (SAC)	5/10/2022
	Windows Server, version 2004 (SAC)	12/14/2021
	Windows Server 2019 (LTSC)	1/9/2029
Windows IoT	Windows 10 IoT Enterprise, version 20H2	5/9/2023
	Windows 10 IoT Enterprise, version 2004	12/14/2021
	Windows 10 IoT 2019 LTSC	1/9/2029
	Windows Server IoT 2019	1/9/2029

Internet Explorer 11 desktop app retirement FAQ

The future of Internet Explorer ("IE") on Windows 10 is in Microsoft Edge. What does this mean for commercial organizations, IT admins, developers, and end users? Microsoft Edge brings you a faster, more secure, and more modern web experience than Internet Explorer. Also, Microsoft Edge with Internet Explorer mode ("IE mode"), is the only browser with built-in compatibility for legacy IE-based sites and apps.

As announced today, Microsoft Edge with IE mode is officially replacing the Internet Explorer 11 desktop application on Windows 10. As a result, the Internet Explorer 11 desktop application will go out of support and be retired on June 15, 2022 for certain versions of Windows 10.

Release Evolution

21H1 APPROACH

2XHY

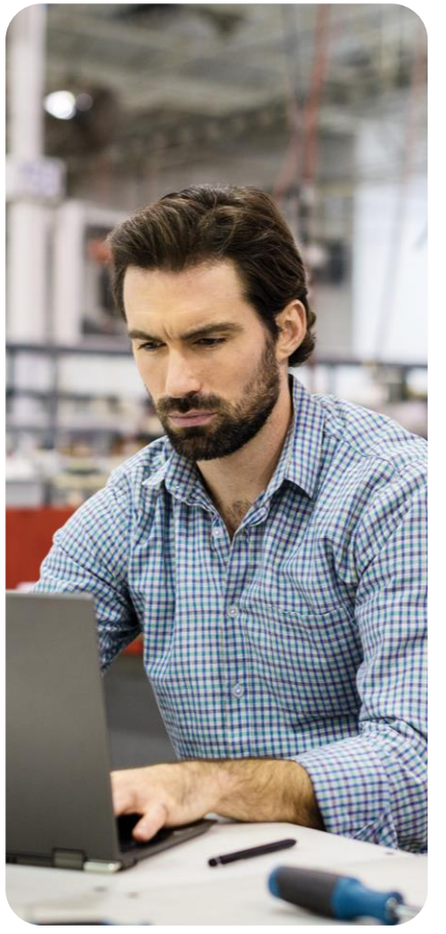
Month 202X Update

21H1

May 2021 Update

Understanding Windows 10, version 21H1

- Windows 10, versions 2004, 20H2 and 21H1 share a common core operating system with an identical set of system files
- Version 21H1 is included in the monthly quality update for Windows 10, version 2004 and 20H2 (released May 2021)
- New features will remain dormant until they are turned on through the “enablement package,” a small, quick-to-install “master switch” that activates the Windows 10, version 21H1 features



Overview Windows 10, version 21H1

- Update to 21H1 using Quality Update process and experience
- New features delivered inside LCU via Servicing
- 18 months of support for Enterprise e Education editions

Windows 10 21H1 contains 4 components

- **2004** - Any 19041.xxx build
- **LCU** - Latest Cumulative Update with 21H1 features “turned off”
- **SSU** - Servicing Stack Update that makes eKB installable
- **eKB** - Enablement KB that “turns on” the 21H1 features and marks the system as 21H1

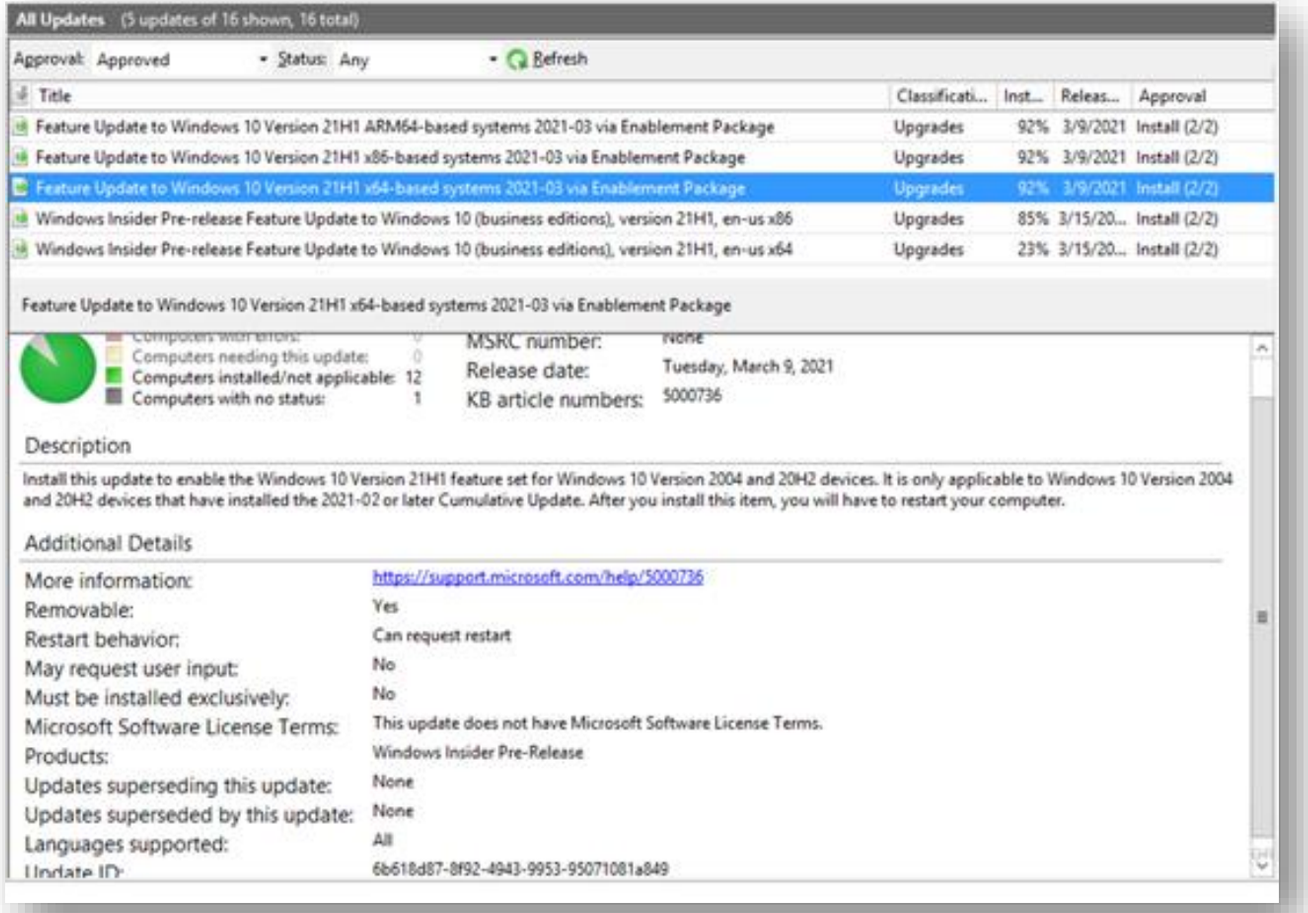
Deploying Windows 10, version 21H1

Starting Windows Version	Deployment Behavior
Windows 7	No changes
Windows 10, version 1909 or earlier	No changes
Windows 10, version 2004 or 20H2	Faster update to Windows 10, version 21H1

Deploying Windows 10, version 21H1 (WSUS)

Starting Windows version	Deployment
Windows 7	No changes.
Windows 10, version 1909 or earlier	No changes. Windows 10, version 21H1 media is available on general availability to all the channels as earlier Windows 10 releases.
Windows 10, version 2004 or 20H2	“Feature Update through Windows 10, version 21H1 Enablement Package” (KB5000736) **or** Windows 10, version 21H1 media.

Deploying Windows 10, version 21H1 (WSUS)



More details about 21H1?

Release Evolution

INSIDER NOTES

"Right now we're releasing Windows 10, and because Windows 10 is the last version of Windows, we're all still working on Windows 10."

Jerry Nixon – Software Development Engineer – Ignite 2015

Windows as a Service, you remember?

Quality Updates

A single cumulative update each month with no new features

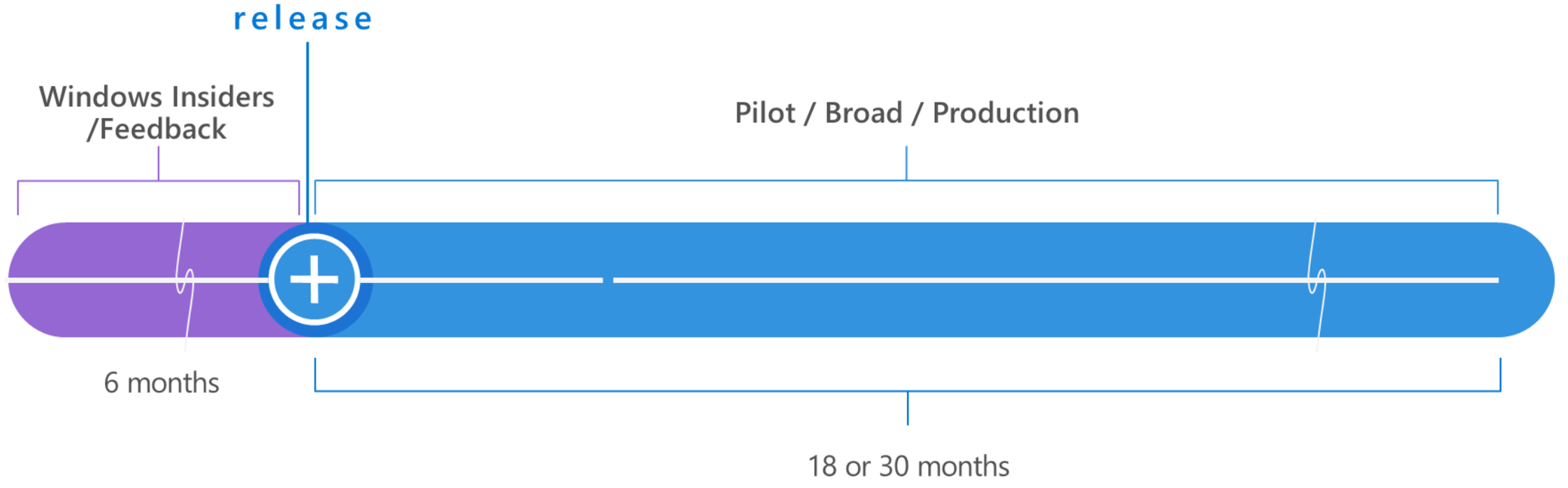
- Security fixes, reliability fixes, bug fixes, etc.
- Supersedes the previous month's update

Feature Updates

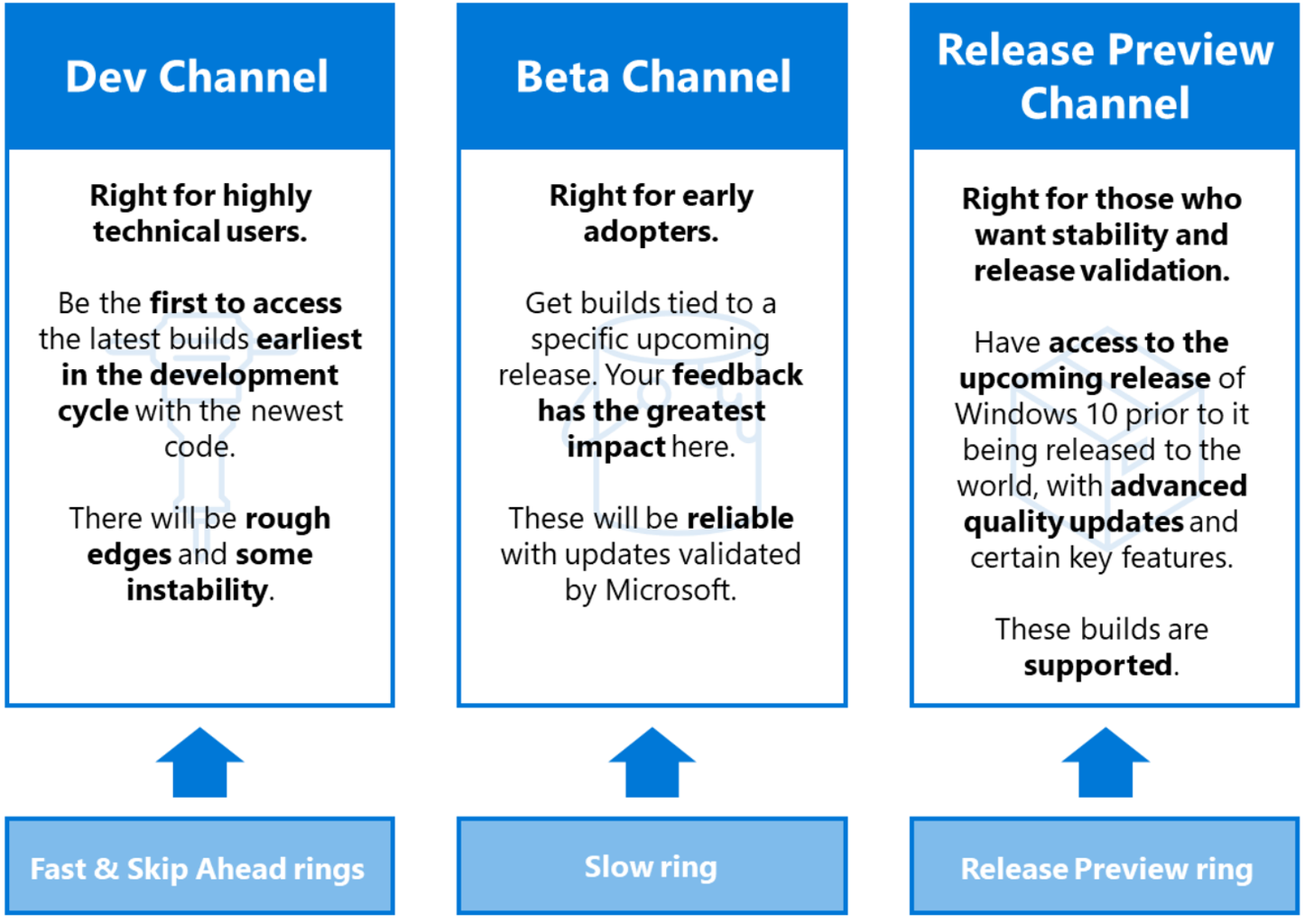
Twice per year with new capabilities

- New features and innovation APIs and security capabilities
- Very reliable, with built-in rollback capabilities
- Simple deployment using in-place upgrade, driven by existing tools
- Try them out with Insider Preview

Windows 10 Release Lifecycle



Windows 10 Rings become Channels



Windows 10 Channels, understanding updates

Dev, Beta, Release Preview Channels

Major builds

Can include new features, updates, bug fixes, application changes, and more.

Beta, Release Preview Channels

Minor builds

Can include small bug fixes, updates, or changes that work with a major build that's already been released.

Windows 10 Channels

Fast ring = Dev Channel

Slow ring = Beta Channel

Release Preview ring = Release Preview Channel

Windows 10 release information

Edition	Released first half of year (H1)	Released second half of year (H2)
Windows 10 Enterprise **Windows 10 Education** **Windows 10 IoT Enterprise**	18 months from release date	30 months from release date
Windows 10 Pro **Windows 10 Pro Education** **Windows 10 Pro for Workstations** **Windows 10 Home**[1]	18 months from release date	

[1] Home edition does not support the deferral of feature updates and will therefore typically receive a new version of Windows 10 prior to the end-of-servicing date shown.

Windows 10 release information

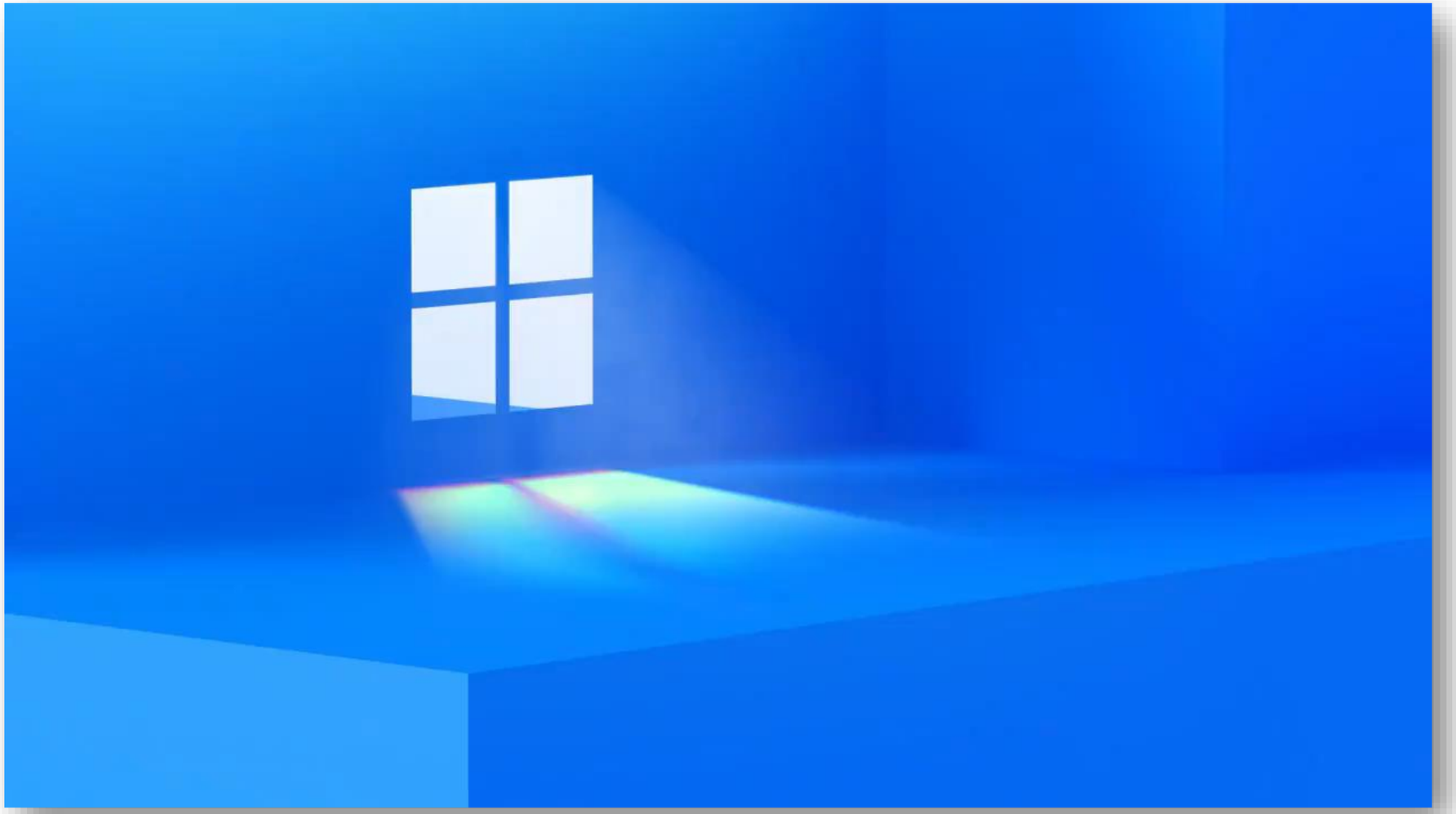
Version	Availability date	EOS for Home, Pro, Pro Education, Pro for Workstations and IoT Core	EOS for Enterprise, Education and IoT Enterprise
Windows 10, version 21H1	May 18, 2021	December 13, 2022	December 13, 2022
Windows 10, version 20H2	October 20, 2020	May 10, 2022	May 9, 2023**
Windows 10, version 2004	May 27, 2020	December 14, 2021	December 14, 2021
Windows 10, version 1909	November 12, 2019	**End of service**	May 10, 2022**

** Serviced for 30 months from release date

Windows 10 release information

Version	Availability date	Mainstream support end date	Extended support end date
Windows 10 Enterprise LTSC 2019 **Windows 10 IoT Enterprise LTSC 2019**	November 13, 2018	January 9, 2024	January 9, 2029
Windows 10 Enterprise 2016 LTSB **Windows 10 IoT Enterprise 2016 LTSB**	August 2, 2016	October 12, 2021	October 13, 2026
Windows 10 Enterprise 2015 LTSB **Windows 10 IoT Enterprise 2015 LTSB**	July 29, 2015	**End of service**	October 14, 2025

Road to the «Sun»

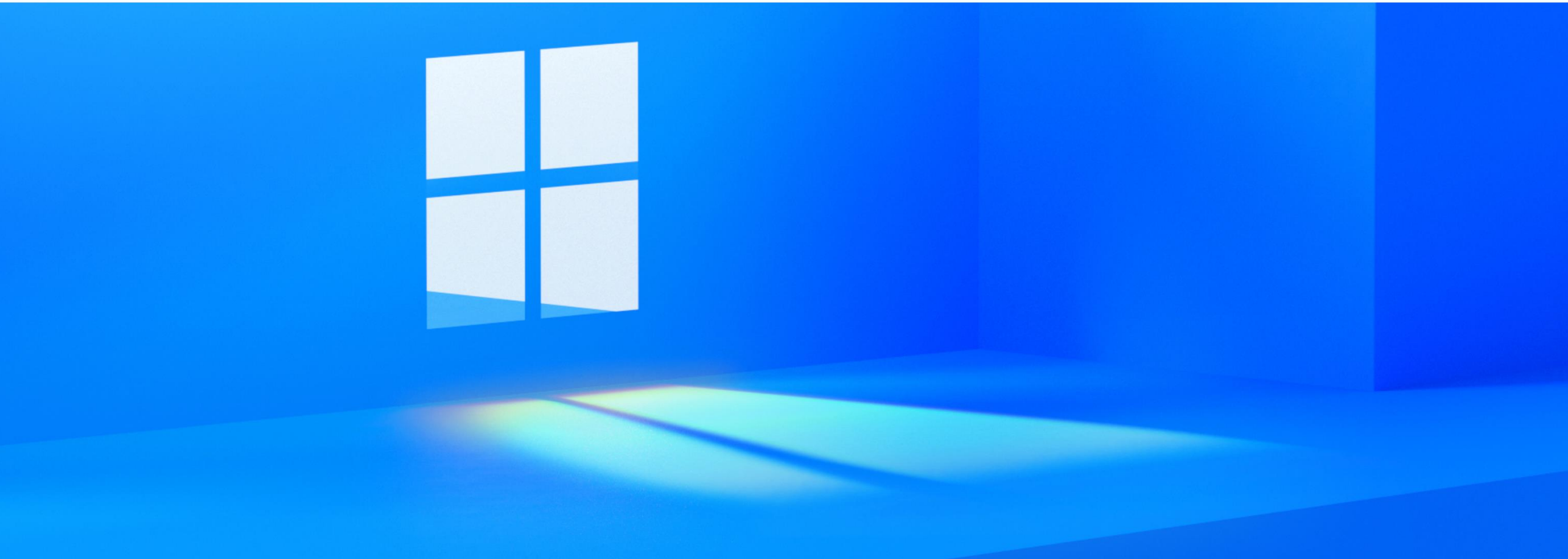


Join us to see what's next for Windows

Watch the livestream.

06.24.21 at 11 a.m. Eastern Time | #MicrosoftEvent

GET A REMINDER



ICT POWER.IT

Microsoft MVP Most Valuable Professional

Microsoft

Grazie

Vito Macina

Microsoft MVP - Windows and Devices for IT

vito.macina@outlook.com

macinando

vitomacina