Windows 10 - 1809

Windows 10 Versions

Windows 10 current versions by servicing option

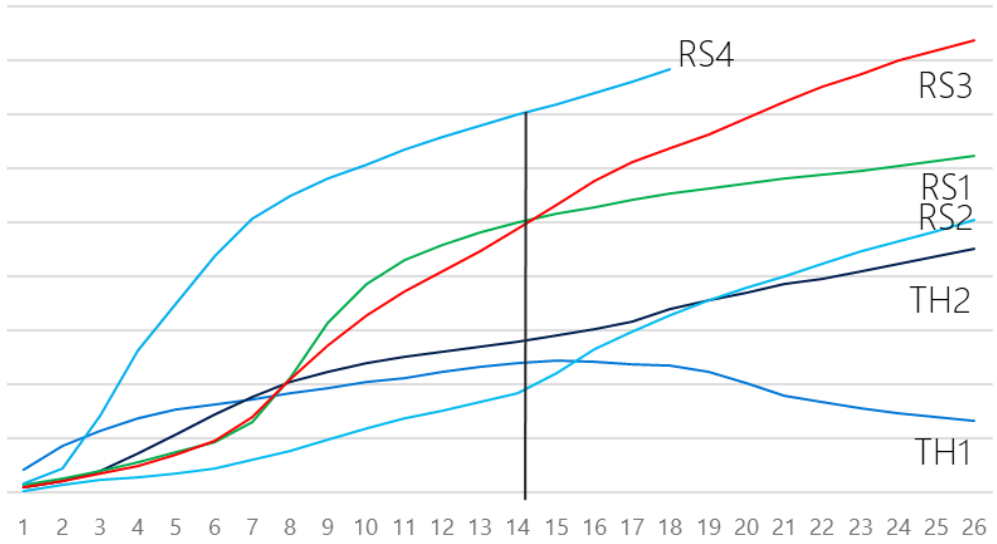
Version	Servicing option	Availability date	OS build	Latest revision date	
1809	Semi-Annual Channel (Targeted)	10/2/2018	17763.1	10/2/2018	***Microsoft recommends***
1803	Semi-Annual Channel	7/10/2018	17134.320	9/26/2018	
1803	Semi-Annual Channel (Targeted)	4/30/2018	17134.320	9/26/2018	
1709	Semi-Annual Channel	1/18/2018	16299.699	9/26/2018	
1709	Semi-Annual Channel (Targeted)	10/17/2017	16299.699	9/26/2018	
1703	Semi-Annual Channel	7/11/2017	15063.1356	9/20/2018	
1703	Current Branch (CB)	4/11/2017	15063.1356	9/20/2018	
1607	Current Branch for Business (CBB)	11/29/2016	14393.2515	9/20/2018	
1607	Current Branch (CB)	8/2/2016	14393.2515	9/20/2018	
1607	Long-Term Servicing Branch (LTSB)	8/2/2016	14393.2515	9/20/2018	
1507 (RTM)	Long-Term Servicing Branch (LTSB)	7/29/2015	10240.17976	9/11/2018	

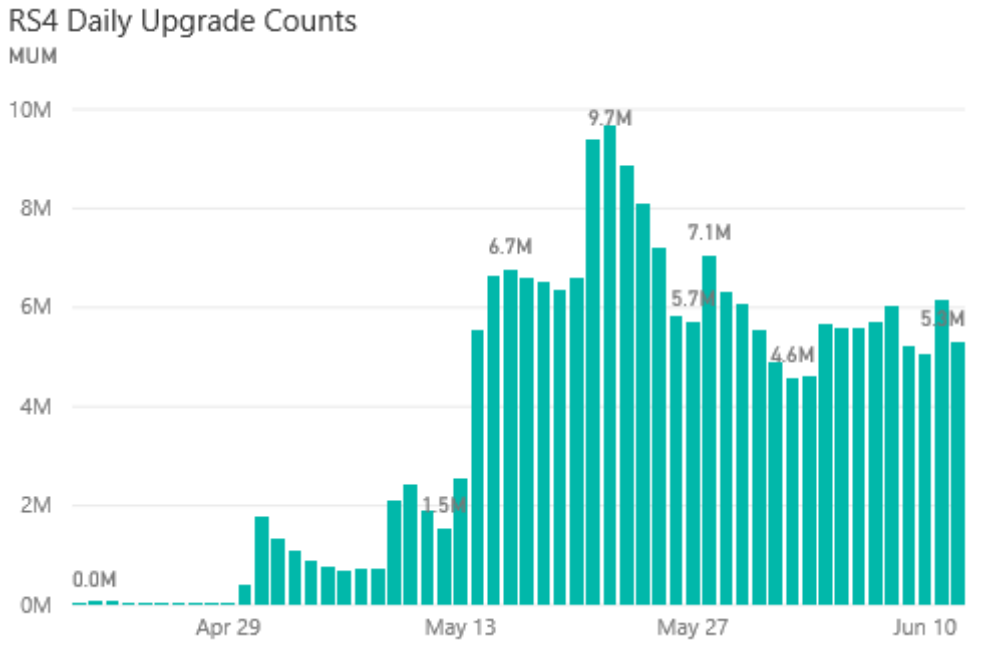
1803 Rollout Data

236M devices on RS4 in 45 days (@6/13)
Same number in RS3 in 95 days

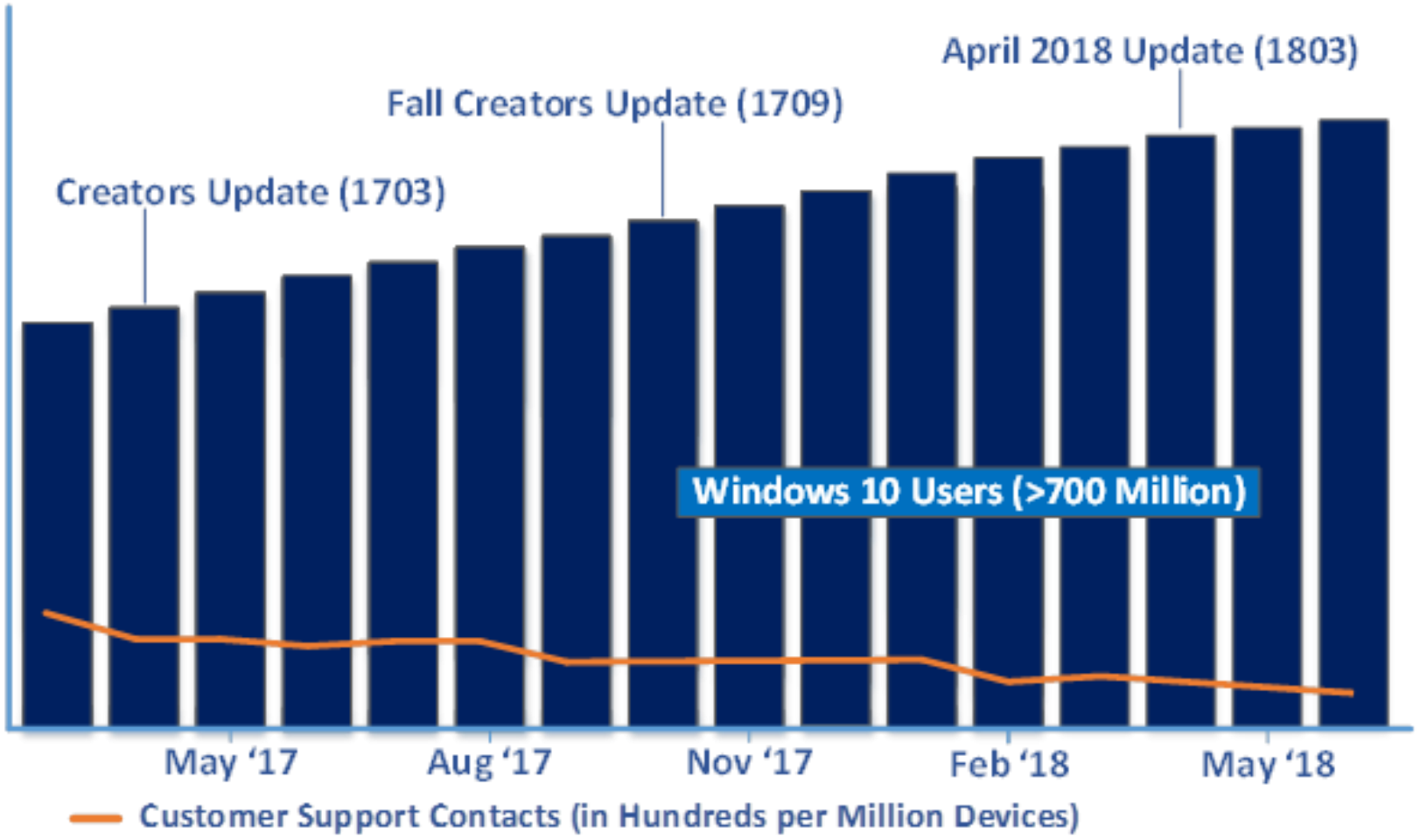
Inflection Point:
1803 is now the most widely installed version of Windows 10

Daily Average is 5.6M





More Devices, Declining Call Volume



Continued accelerated rollout while reducing support call volumes and costs

Windows 10 gets Better with each Release

With enhanced security, more tools for IT and end user productivity features

1511

Mobile Device Management
AAD Join
Windows Store for Business
Windows Update for Business
Mail, Calendar, Photos, Maps, Groove, Skype
Windows Defender Antivirus
Windows Hello
Microsoft Edge
Device Guard
Credential Guard
BitLocker
SmartScreen
Windows as a service
In-place upgrades
Continuum
Cortana
Windows 10 core

1607

Windows Information Protection
Windows Hello for Business
Windows Analytics Upgrade Readiness
App-V, UE-V
Hybrid Azure Active Directory Join
Windows Ink
Mobile Device Management
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1703

Windows Autopilot
Windows Defender ATP
Windows Defender Security Center
Express update delivery
Hyper-V
Windows 10 Subscription Activation
Windows Insider Program for Business
Paint 3D
Cortana at work
Night light, mini view
Windows Information Protection
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1709

Windows Defender Exploit Guard, System Guard, Application Guard, Application Control
Mobile Device Management
Windows Analytics Update Compliance
Windows Analytics Device Health
Co-management
Enterprise search in Windows
Continue on PC
OneDrive Files On-Demand
Narrator
Mixed Reality Viewer
Windows Autopilot
Windows Defender ATP
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1803

Windows Analytics – Spectre & Meltdown, Delivery Optimization, Application Reliability
Logon Health
WDATP Automated Remediation
Conditional Access based on WDATP device risk
Threat Analytics
Emergency Outbreak Updates
Advanced hunting
Cloud Credential Guard
Diagnostic data viewer
Windows Autopilot enrollment status page
Windows 10 Enterprise in S mode
Shared Windows Devices
Nearby Sharing
Dictation
Timeline
Windows Defender Exploit Guard, System Guard, Application Guard, Application Control
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Windows Defender ATP new attack surface area reduction controls
Investigation and remediation across Office 365 ATP and Windows Defender ATP
Web Authentication in Microsoft Edge
Windows Hello with FIDO 2.0
30 months of support for September releases
Windows Autopilot Self-deploying mode
Windows Autopilot Hybrid Azure AD join
S Mode Block Switch
Microsoft Edge kiosk mode
Desktop Analytics (Preview) – Intelligent Pilot Selection and ConfigMgr Integration
ReadyforMicrosoft365.com
Microsoft Edge experience improvements
Accessibility enhancements
Access the clipboard across devices
Your Phone
Windows Analytics – Spectre & Meltdown, Delivery Optimization, Application Reliability
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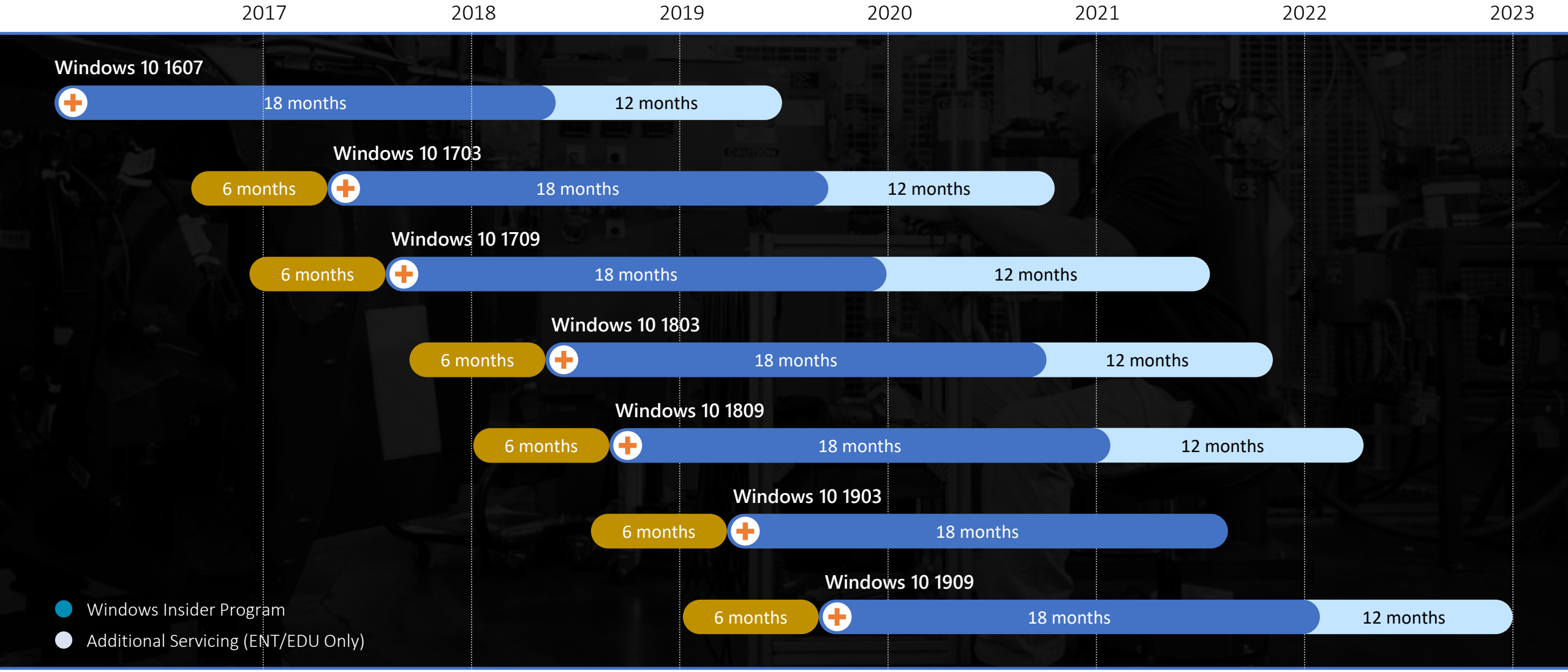
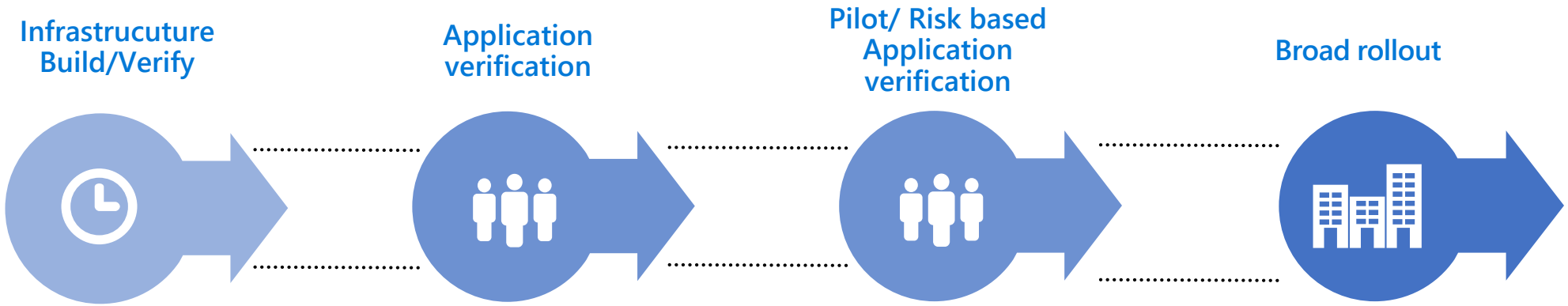
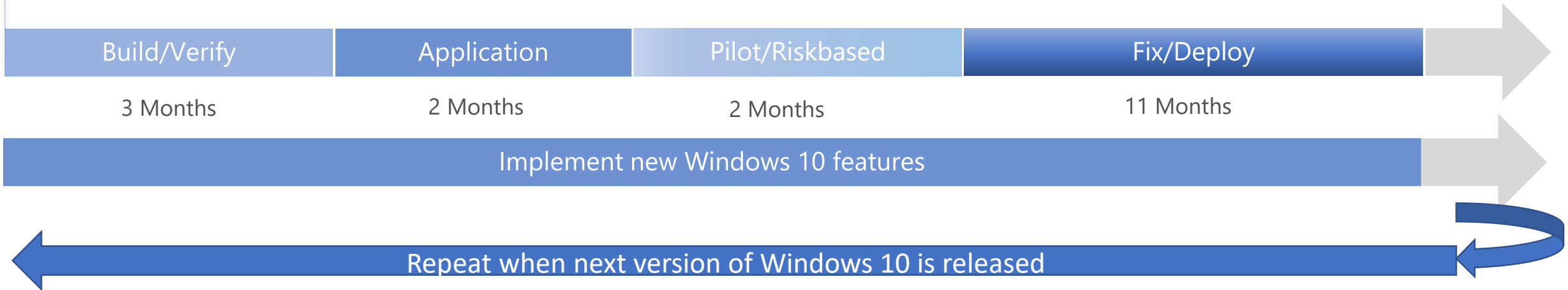
W10 Servicing Timeline (Semi-Annual Channel)



Windows as a service process



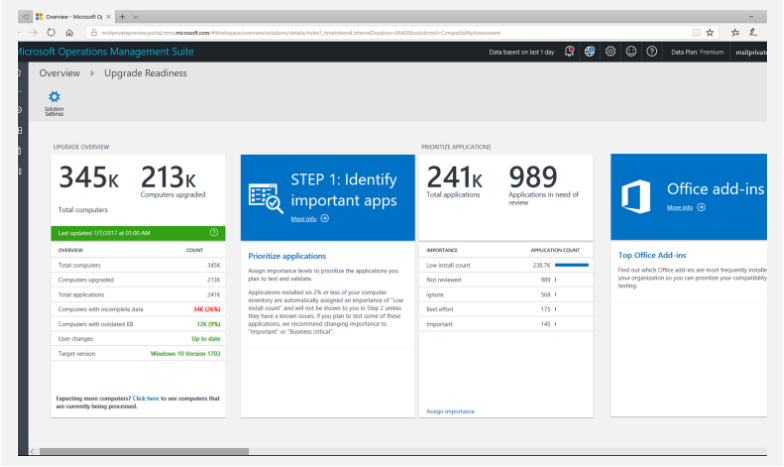
Windows 10
xxx is released



Windows Analytics

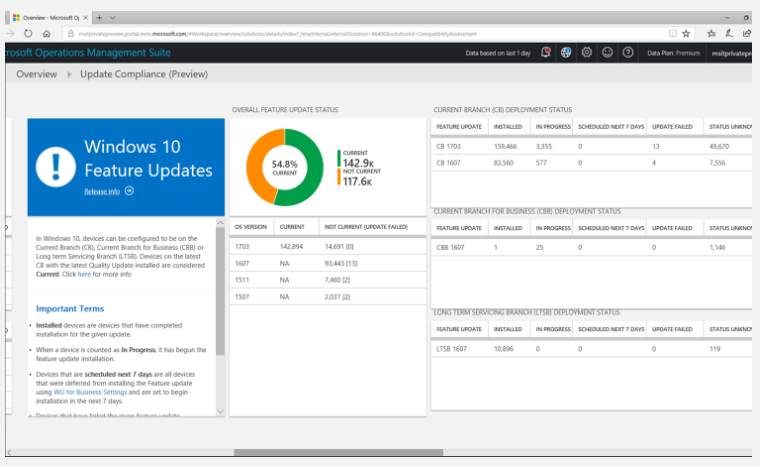
A suite of tools to reduce deployment and support costs

Upgrade Readiness



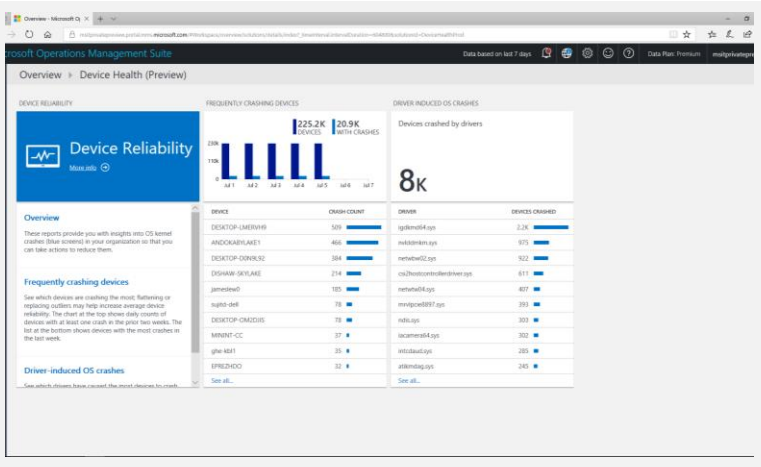
Plan upgrades by identifying devices that are ready and identify and resolve top app/driver compatibility blockers

Update Compliance



Ensure update and antimalware compliance with timely reports for all your devices (even those on the road)

Device Health*



Reduce support costs by proactively identifying and remediating top end-user impacting issues

*Only available with Windows 10 Enterprise edition

Pre-Upgrade

Post-Upgrade

Windows 10 – 1809 – Edge i Kioskläge

- Edge konfigureras via GPO till kiosk läge + Autoinloggning
- Kiosk konfigureras via Powershell eller MDM

Configure Home Button	Enabled	No
Configure kiosk mode	Enabled	No
Configure kiosk reset after idle timeout	Enabled	No

SetupKiosk - Copy.ps1*

```
1  $usrname = 'Kiosk'
2  $PlainPassword = "Kiosk0!"
3  $SecurePassword = $PlainPassword | ConvertTo-SecureString -AsPlainText -Force
4  New-LocalUser -Name Kiosk -Password $SecurePassword -PasswordNeverExpires -UserMayNotChangePassword
5  Set-AssignedAccess -AppUserModelId Microsoft.MicrosoftEdge_8wekyb3d8bbwe!MicrosoftEdge -UserName $usrname
6
7
```

Edge i Kioskläge med domän konto

- Går endast via MDM och MDM/WMI Bridge
- Powershell script + GPO för Autoinloggning

Kiosk.ps1

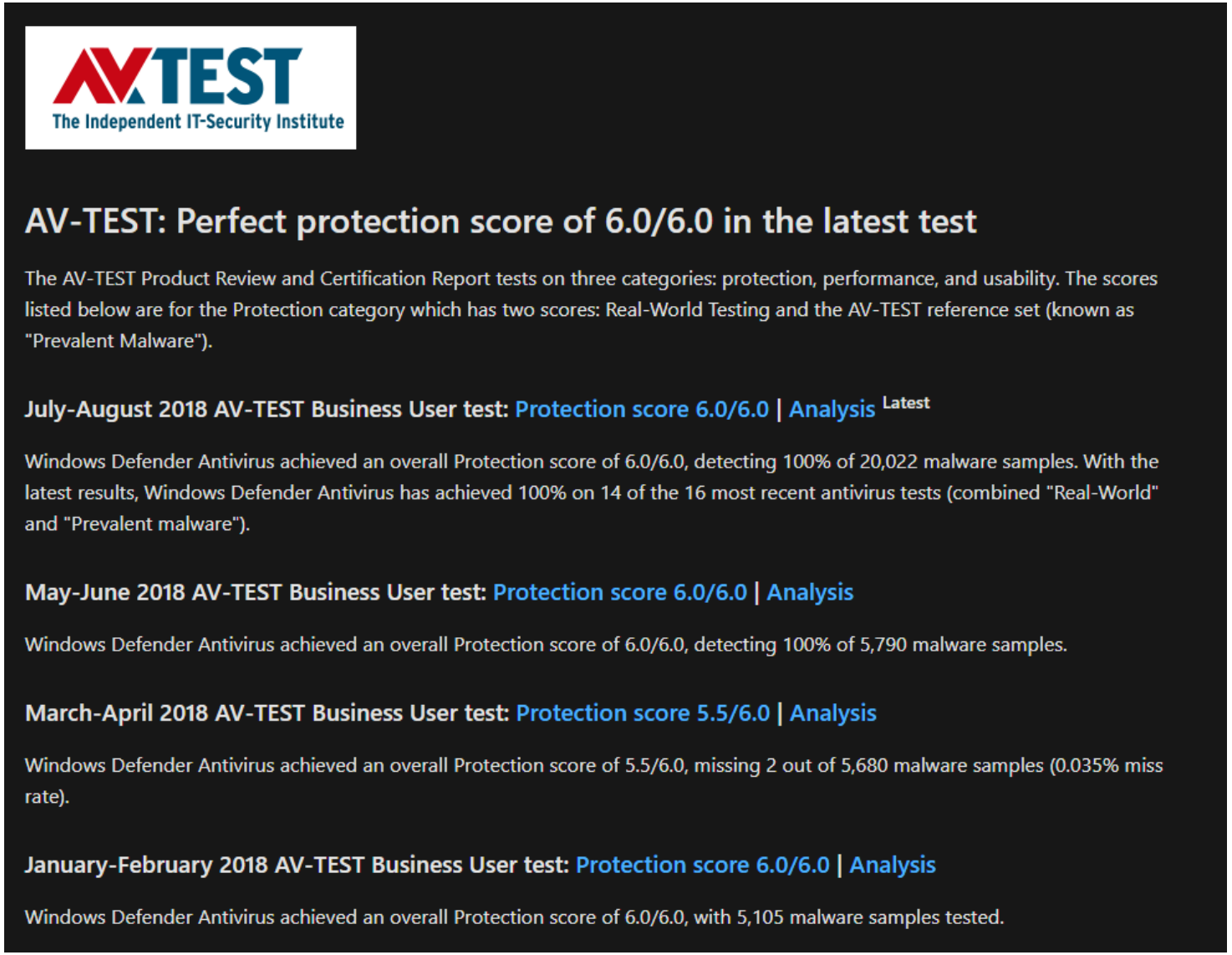
```
$nameSpaceName="root\cimv2\mdm\dmmap"
$className="MDM_AssignedAccess"
$obj = Get-CimInstance -Namespace $namespaceName -ClassName $className
$obj.Configuration = @"
&lt;?xml version=&quot;1.0&quot; encoding=&quot;utf-8&quot; ?&gt;
&lt;AssignedAccessConfiguration
    xmlns=&quot;http://schemas.microsoft.com/AssignedAccess/2017/config&quot;
    xmlns:rs5=&quot;http://schemas.microsoft.com/AssignedAccess/201810/config&quot;
    &gt;
    &lt;Profiles&gt;
        &lt;Profile Id=&quot;{AFF9DA33-AE89-4039-B646-3A5706E92957}&quot;&gt;
            &lt;KioskModeApp AppUserModelId=&quot;Microsoft.MicrosoftEdge_8wekyb3d8bbwe!MicrosoftEdge&quot;/&gt;
        &lt;/Profile&gt;
    &lt;/Profiles&gt;
    &lt;Configs&gt;
        &lt;Config&gt;
            &lt;Account&gt;eklient\user1&lt;/Account&gt;
            &lt;DefaultProfile Id=&quot;{AFF9DA33-AE89-4039-B646-3A5706E92957}&quot;/&gt;
        &lt;/Config&gt;
    &lt;/Configs&gt;
&lt;/AssignedAccessConfiguration&gt;
"@

Set-CimInstance -CimInstance $obj
```

Windows Defender - Sandlåda

- Omstart

bprocess

Windows Defender – Testresults



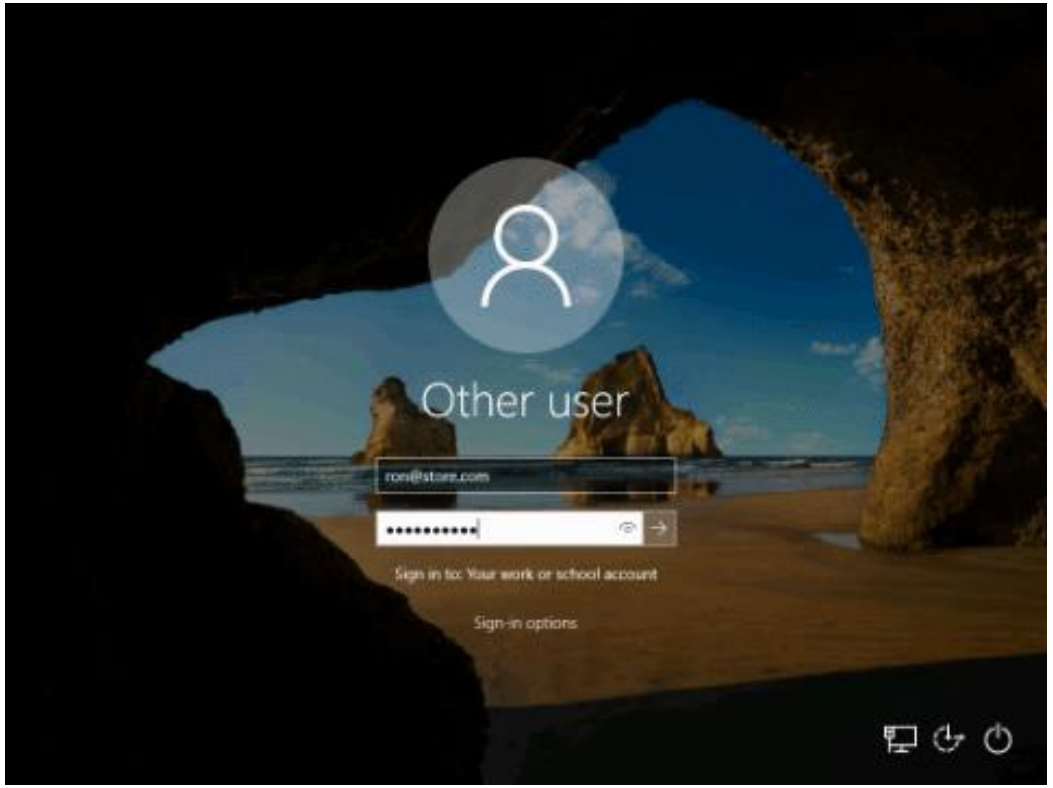
Print och Scan drivrutiner flyttade till WU

- Inbox printer och Scan drivrutiner är flyttade till WU

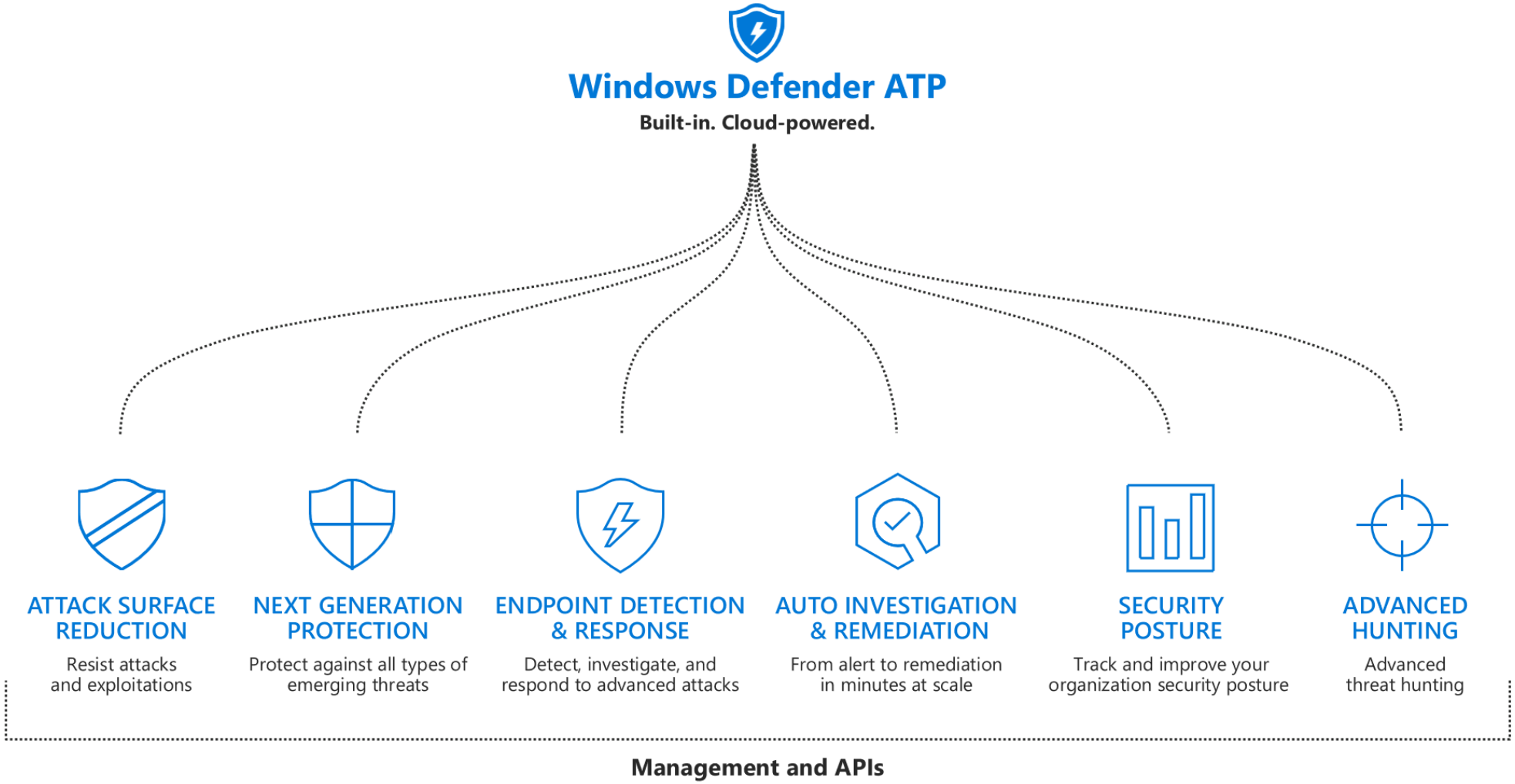
- “Starting with Windows 10, version 1809, Windows has added support for Mopria-compatible Wi-Fi printers. When a driver is not available, Windows can install these printers without you needing to install any additional software or drivers,

Shared PC sign-in

- Snabbare än innan
- Gemensamma PC
- Enkelt att styra mängden profiler



WDATP


Windows Defender ATP
Built-in. Cloud-powered.
ATTACK SURFACE REDUCTION
Resist attacks and exploitations
NEXT GENERATION PROTECTION
Protect against all types of emerging threats
ENDPOINT DETECTION & RESPONSE
Detect, investigate, and respond to advanced attacks
AUTO INVESTIGATION & REMEDIATION
From alert to remediation in minutes at scale
SECURITY POSTURE
Track and improve your organization security posture
ADVANCED HUNTING
Advanced threat hunting
Management and APIs