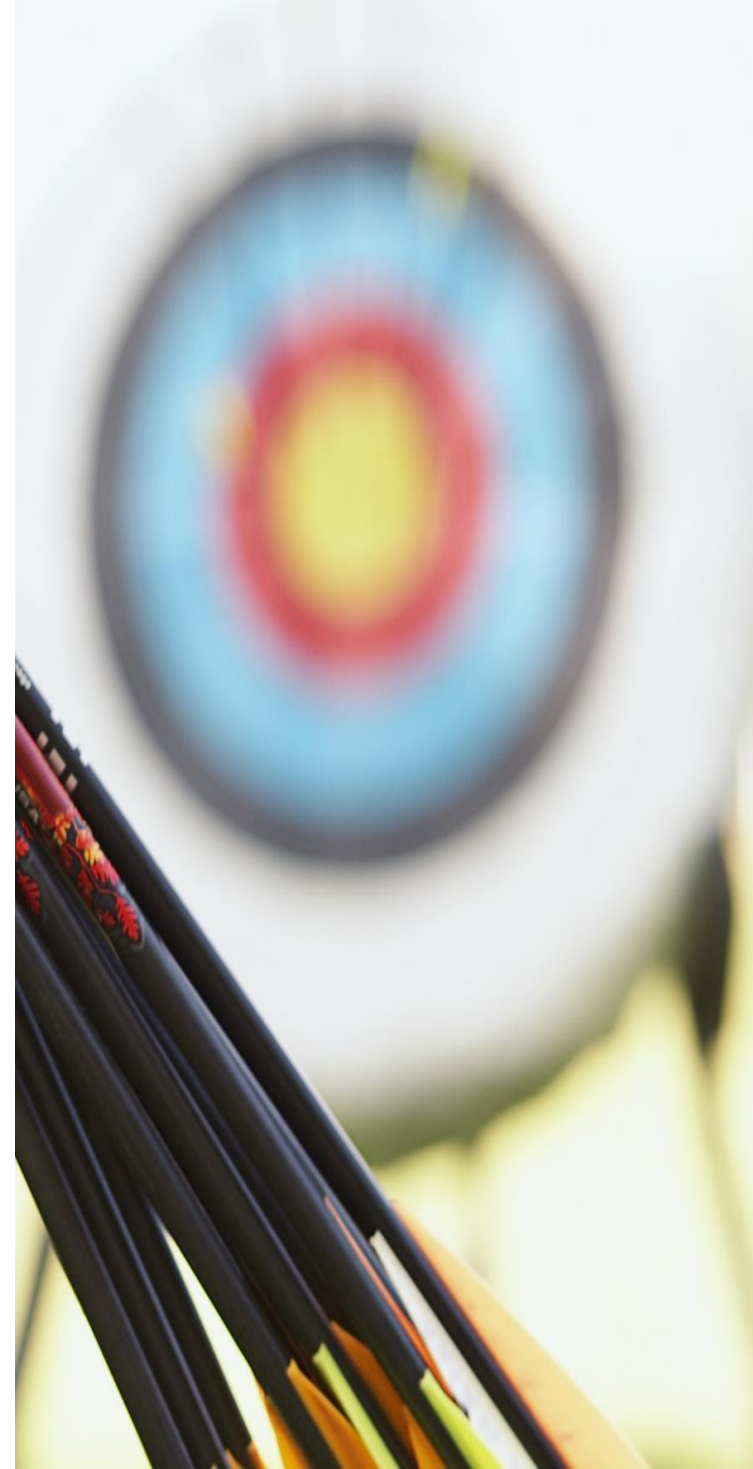


Windows Tech Series

Windows 10 IoT Enterprise

Objectives

- Review Key Facts for Windows 10 IoT Enterprise
- Describe activation for Windows 10 IoT Enterprise



Windows 10 IoT Enterprise – Key Facts

Windows 10 IoT Enterprise

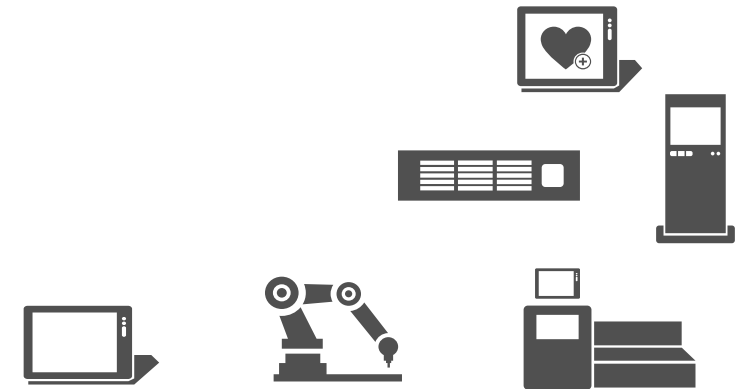
Description	Full version of Windows 10 with advanced lockdown capabilities powering a range of industry devices across retail, manufacturing, health, government or any other industries.	
Hardware	32-bit	64-bit
Processor	x86	x64
Memory (minimum)	1 GB	2 GB
Storage (minimum)	16 GB	20 GB
Key Features	<ul style="list-style-type: none">• Win32 and Universal App support• Advanced security threat protection• Same deployment manageability and servicing as desktops• Advanced device lockdown capabilities	
Typical Usage	<ul style="list-style-type: none">• Industry tablets• Retail POS• Kiosk• Digital signage• ATM• Medical devices• Manufacturing devices• Thin clients	

For the latest system requirements, see:



<https://www.microsoft.com/en-US/windows/windows-10-specifications>

When should you use Windows 10 IoT Enterprise?

- Does the targeted device require desktop functionality or access to desktop apps (for example, Win32, .NET, WPF)?
- Is the device something like an ATM, thin client, point-of-sale (POS) device, medical or industrial device?
- Does the device require the full capabilities of Windows 10 Enterprise, including the ability to lock down the device for line-of-business (LoB) use?



Silicon targets for Windows 10 IoT Enterprise

Partner	Chipset	Windows 10 IoT Enterprise
	Haswell	√
	Broadwell	√
	Skylake	√
	Baytrail M/D/I	√
	Braswell	√
	Bald Eagle/Caveri	√
	Merlin Falcon/Carrizo	√
	Steepe Eagle/Beema	√
	Peregrine Falcon/Nolan	√
	Crowned Eagle/Mullins	√

Contact your silicon representative for the latest chipsets supported.

Apps in Windows 10 IoT Enterprise

[Contact Support](#)
[OneDrive](#)
[Search](#)
[Settings](#)

[Windows Accessories](#)

Calculator
Character Map
Internet Explorer
Math Input Panel
Notepad
Paint
Remote Desktop Connection
Snipping Tool
Steps Recorder
Sticky Notes
Windows Fax and Scan
Windows Journal
Windows Media Player
WordPad
XPS Viewer

[Windows Administrative](#)

Component Services
Computer Management
Defragment and Optimize Drives
Disk Cleanup
Event Viewer
Local Security Policy
ODBC Data Sources (32-bit)
ODBC Data Sources (64-bit)
Performance Monitor
Print Management
Resource Monitor
Services
System Configuration
System Information
Task Scheduler
Windows Firewall with Advanced Security
Windows Memory Diagnostic

[Windows Ease of Access](#)

Magnifier
Narrator
On-Screen Keyboard
Windows Speech Recognition

[Windows Feedback](#)

[Windows PowerShell](#)

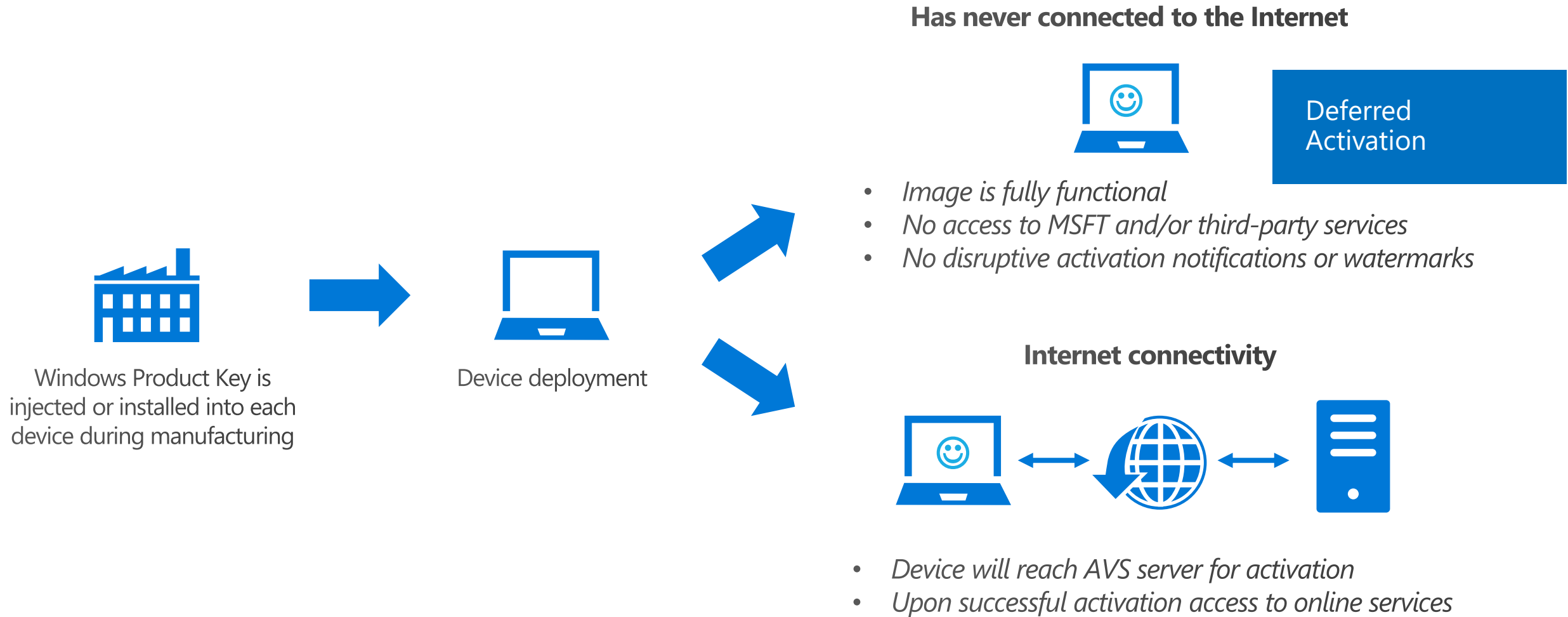
Windows PowerShell
Windows PowerShell (x86)
Windows PowerShell ISE
Windows PowerShell ISE (x86)

[Windows System](#)

Command Prompt
Control Panel
Default Programs (Control Panel)
Default Programs (Settings App)
Devices
File Explorer
Run
Task Manager
This PC
Windows Defender

Windows 10 IoT Enterprise – Activation

Activation states for Windows 10 IoT Enterprise



Note: Activation failure UX will appear if activation fails


Windows 10 IoT Enterprise – activation

Device has never connected to the Internet

Deferred Activation

Windows activation

Connect to the Internet to activate Windows. [Read the Microsoft Software License Terms](#)


Product ID: 00360-20000-00002-AA921  Activate Windows

Device has Internet connectivity

Successful Activation

Windows activation


Windows is activated [Read the Microsoft Software License Terms](#)

Product ID: 00360-20000-00002-AA921  Change product key

Activation Failure

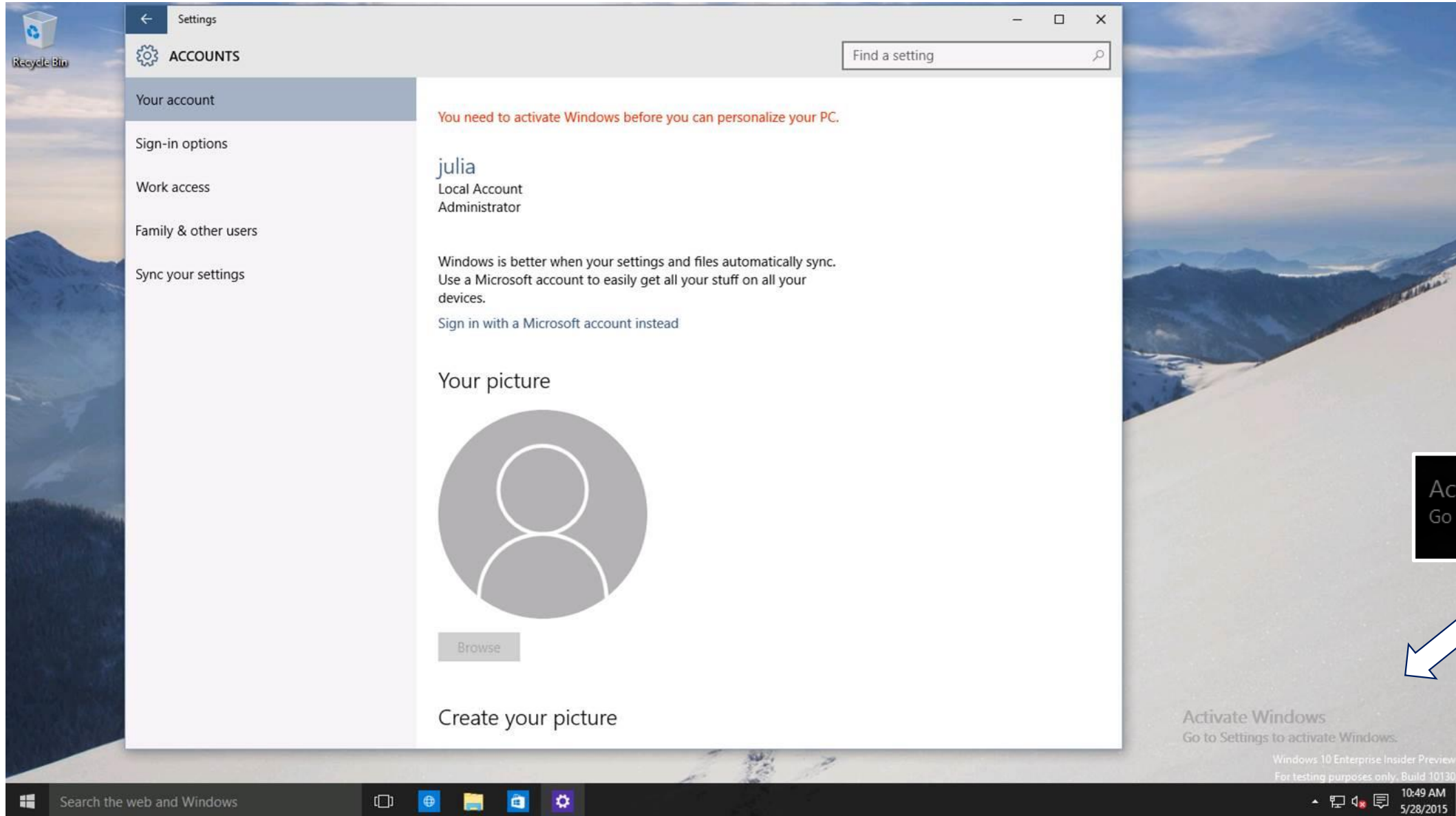
Windows activation

Windows is not activated. [Read the Microsoft Software License Terms](#)

Product ID: 00308-40000-00001-AAOEM  Activate Windows

Activate Windows
Go to Settings to activate Windows.

Windows is not activated – personalization



Module review

In this module, you learned about:

- Key Facts for Windows 10 IoT Enterprise
- Activation for Windows 10 IoT Enterprise





MICROSOFT MAKES NO WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, AS TO THE INFORMATION IN THIS ASSESSMENT AND ASSOCIATED TRAINING. NO LICENSE, EXPRESS OR IMPLIED, BY ESTOPPEL OR OTHERWISE, TO ANY INTELLECTUAL PROPERTY RIGHTS IS GRANTED BY THIS ASSESSMENT AND ASSOCIATED TRAINING. Microsoft provides this document for information purposes only. It is provided "as is" and subject to change without notice.

This information is not warranted to be error-free. The information is not intended to constitute tax, accounting, legal or other professional advice. You should not act (or refrain from acting) based on information in this document without obtaining professional advice about your particular facts and circumstances. Some examples depicted herein are provided for illustration purposes only and are fictitious. No real association or connection is intended or should be inferred.

2016 Microsoft Corporation.

All rights reserved.