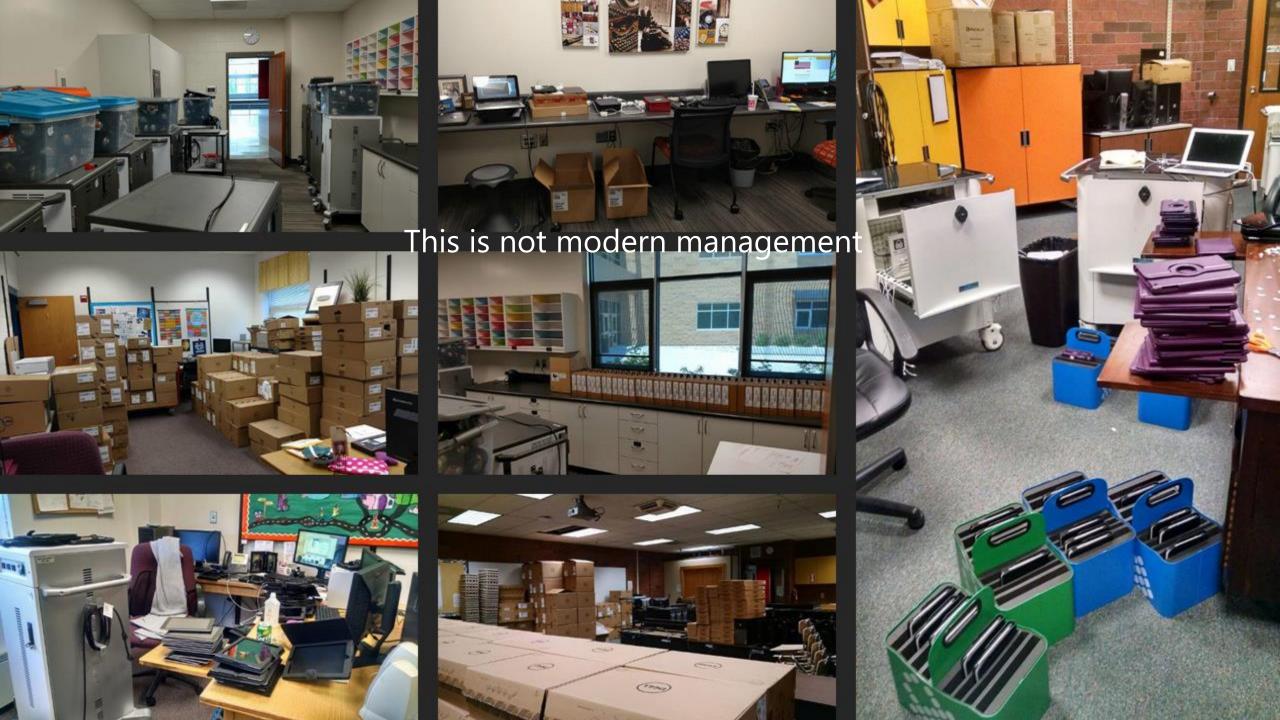


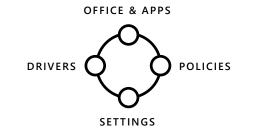


What is Modern Management?

- Provisioning not imaging
- Intune for Education & Intune



Traditional Windows deployment // The old way











Build a custom image, gathering everything else that's necessary to deploy Deploy image to a new computer, overwriting what was originally on it

Time means money, making this an expensive proposition

Modern Windows deployment // The new way











Un-box and turn on off-the-shelf Windows PC

Transform with minimal user interaction

Device is ready for productive use

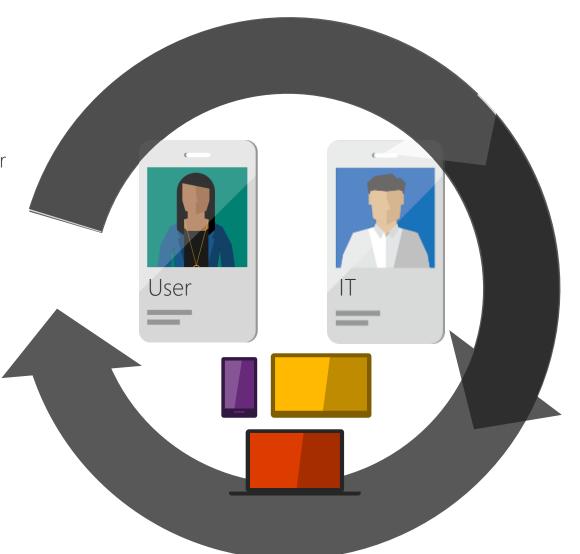
Modern Device Management Lifecycle

Enroll

- Bulk enrollment Set Up School PCs, Windows Configuration Designer or auto-enroll with GPO
- Self-service enrollment -Enter AAD credentials during Windows OOBE

Retire

- Remove school data from a device
- Perform factory reset





- Deploy settings
- Deploy apps

Manage

- Manage apps and settings
- Report on device and app inventory, settings errors
- Perform remote tasks



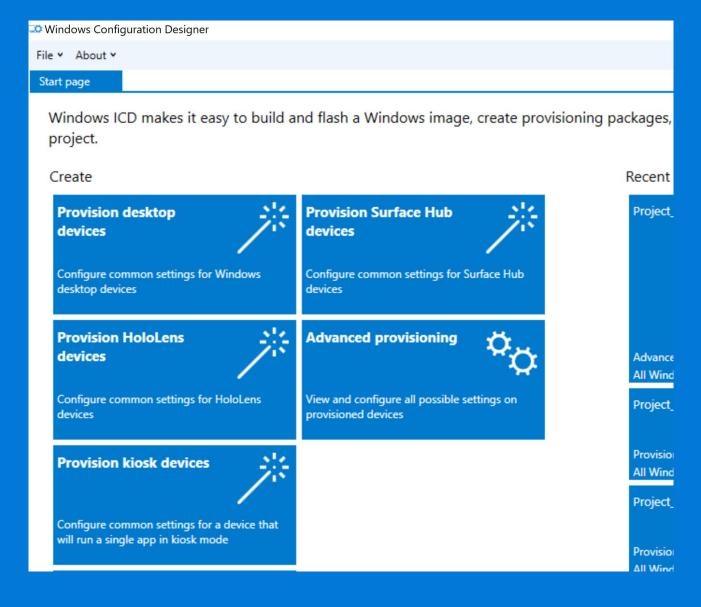
Provisioning not imaging

Windows Configuration Designer Set up School PCs

Autopilot – Ideal for 1:1



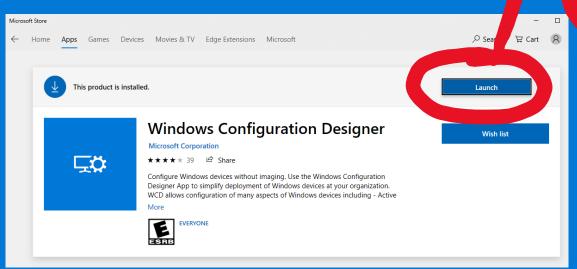
Windows Configuration Designer – FREE App

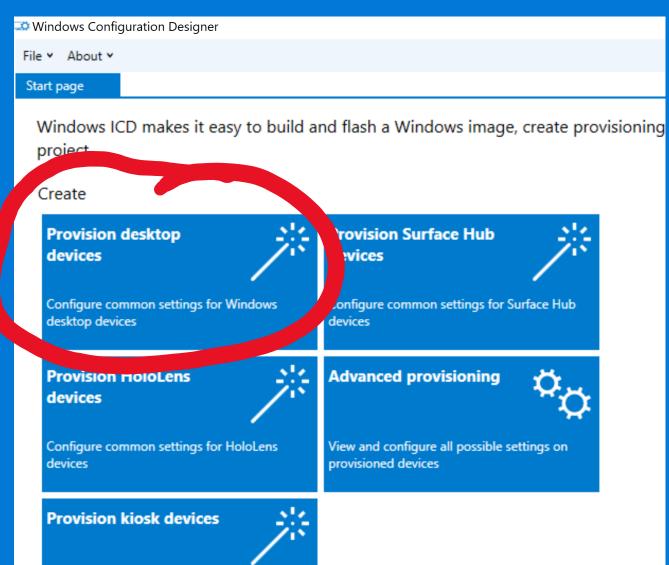




Windows Configuration Designer

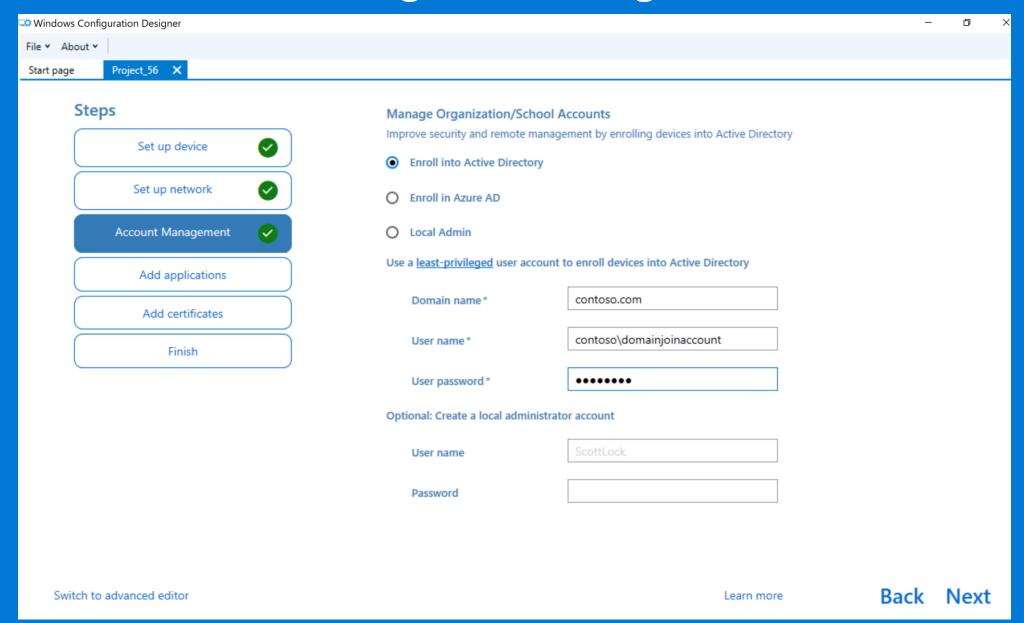
FREE Microsoft Store App





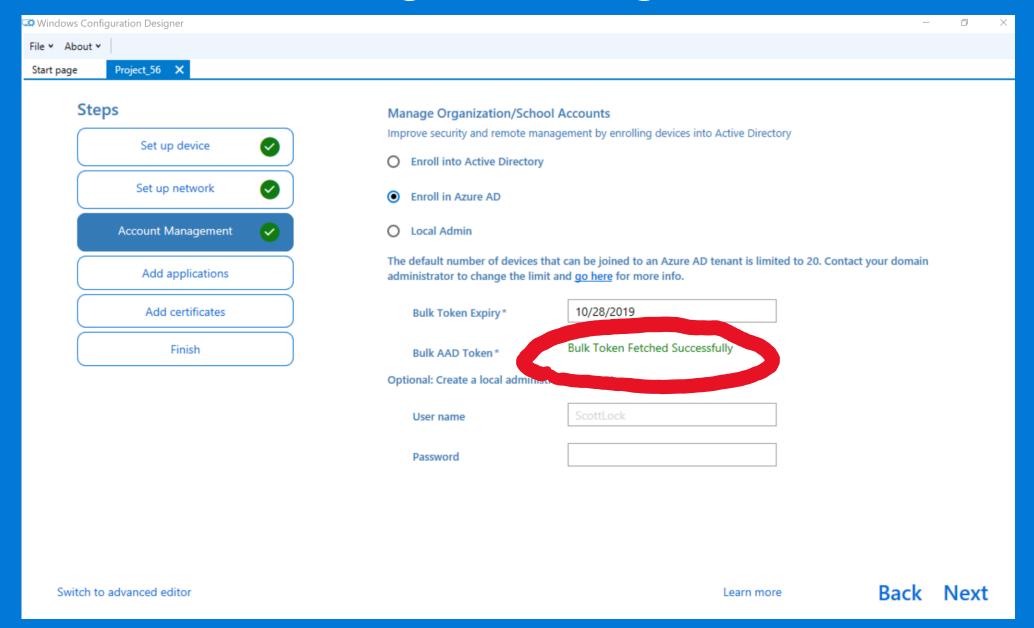


Windows Configuration Designer – AD Join



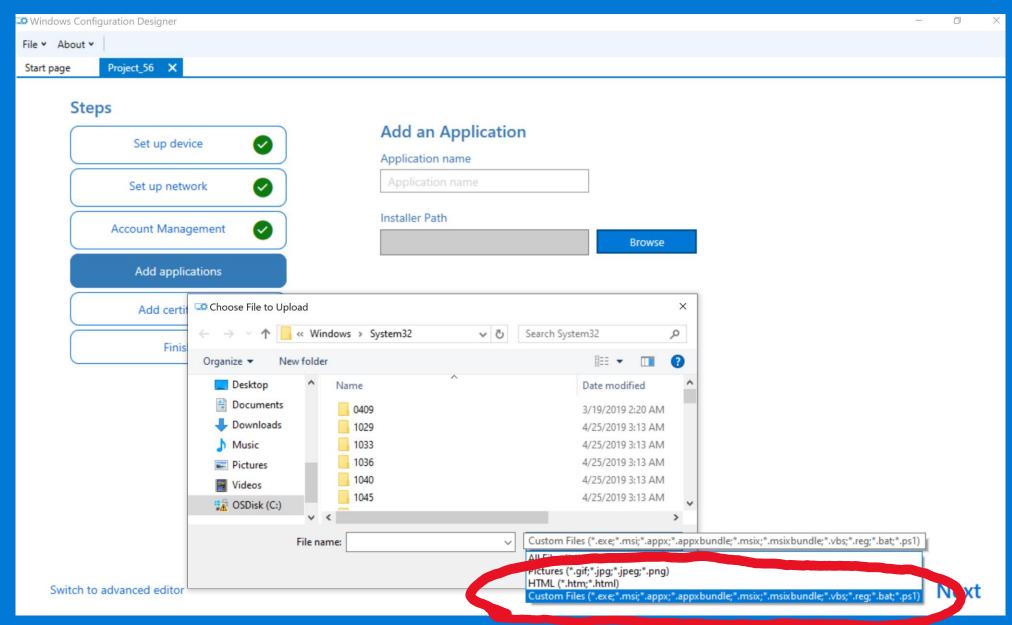


Windows Configuration Designer – AAD Join



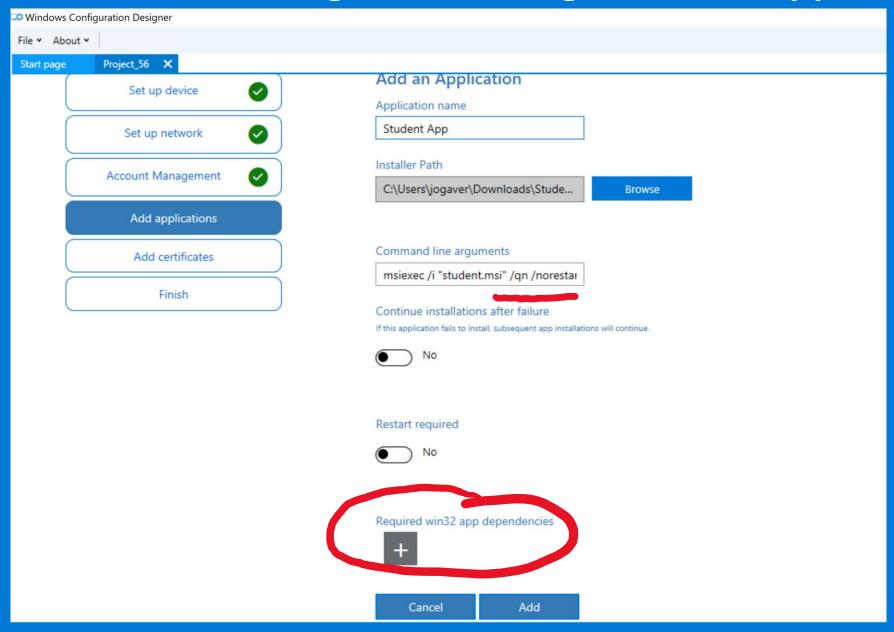


Windows Configuration Designer – Add Apps



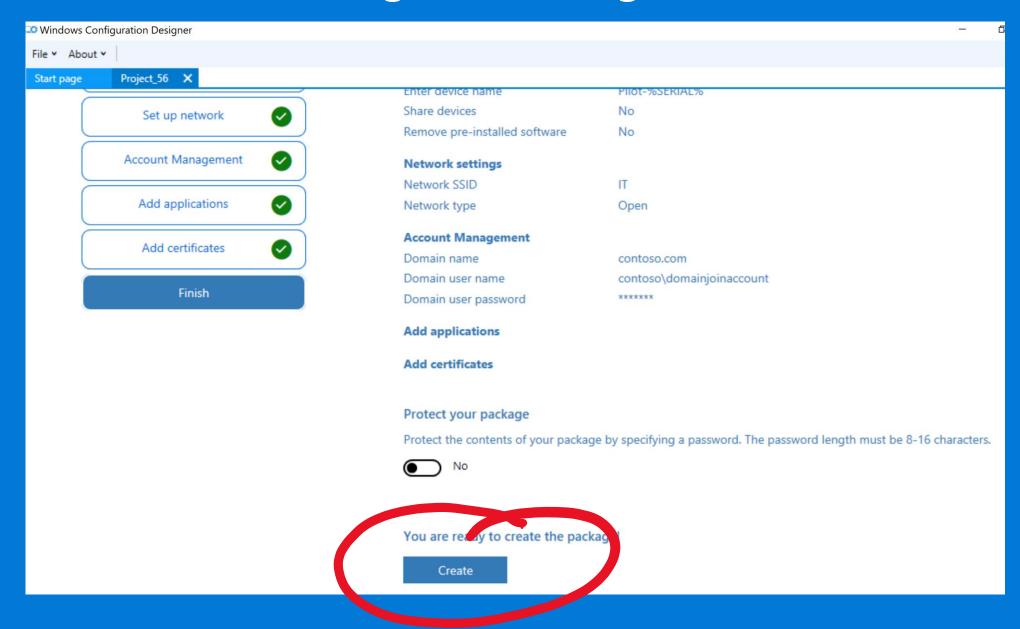


Windows Configuration Designer – Add Apps



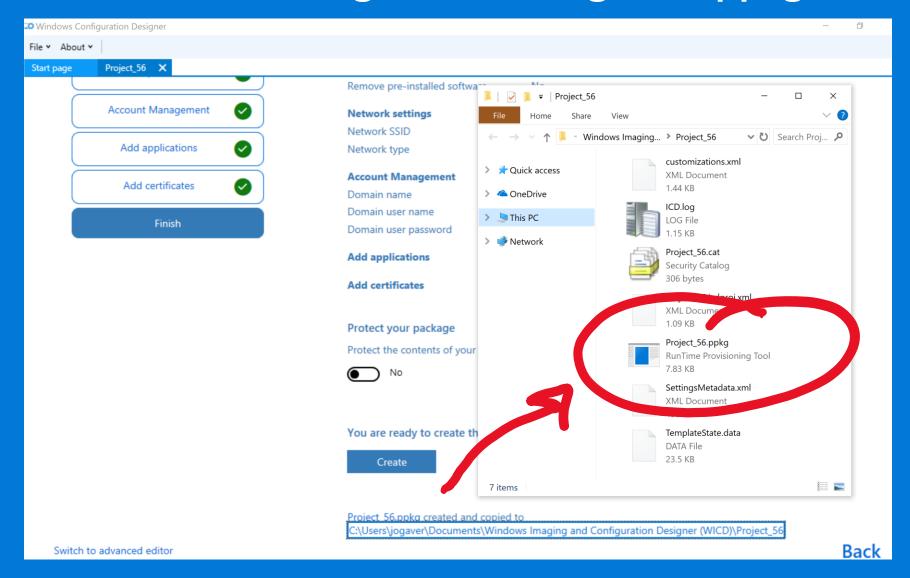


Windows Configuration Designer – Create!





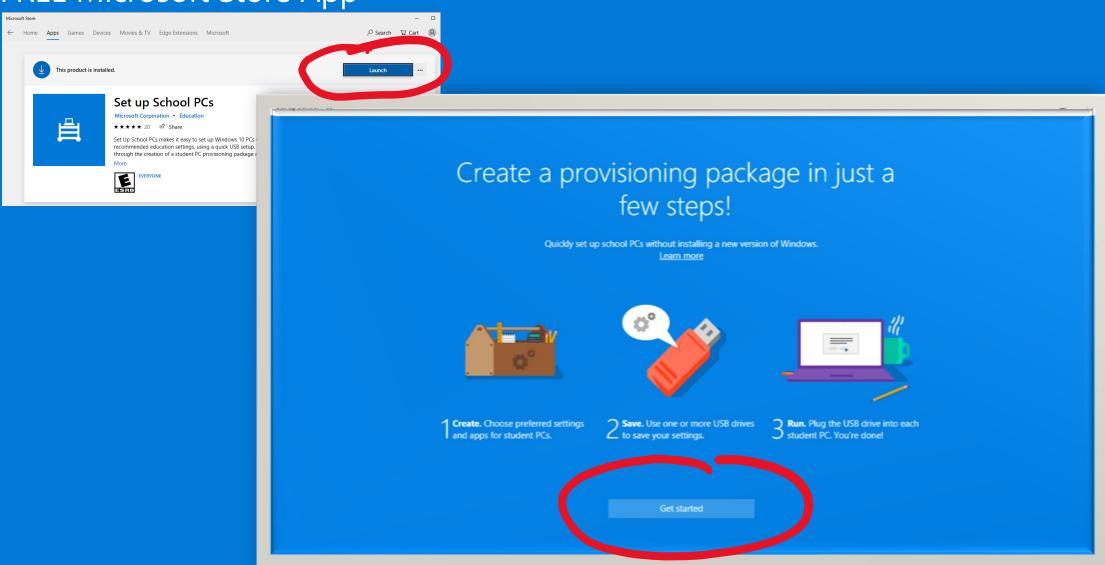
Windows Configuration Designer – .ppkg



Copy the .ppkg to the root of a USB and provision from OOBE

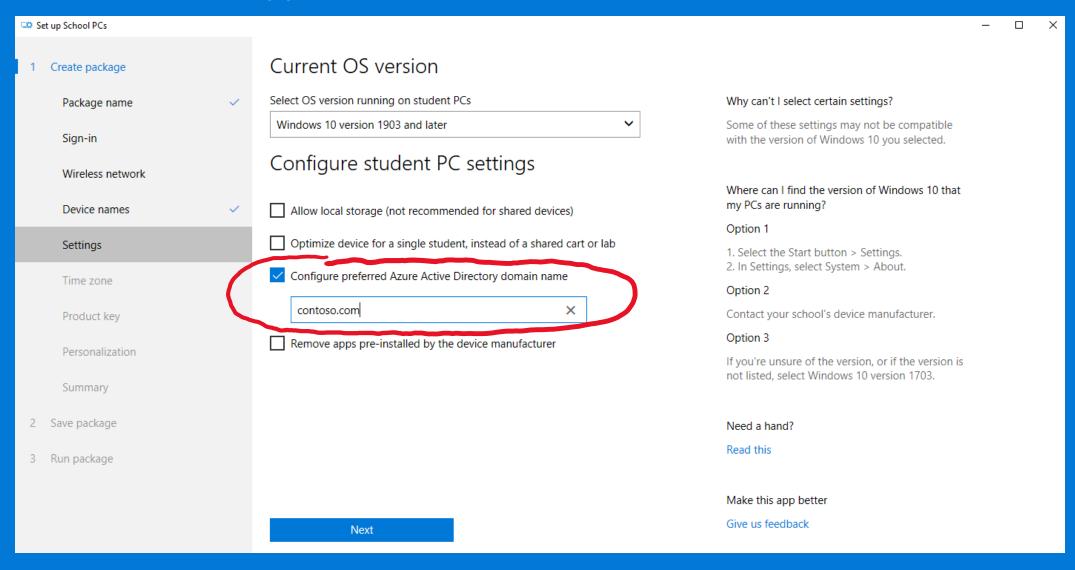


FREE Microsoft Store App

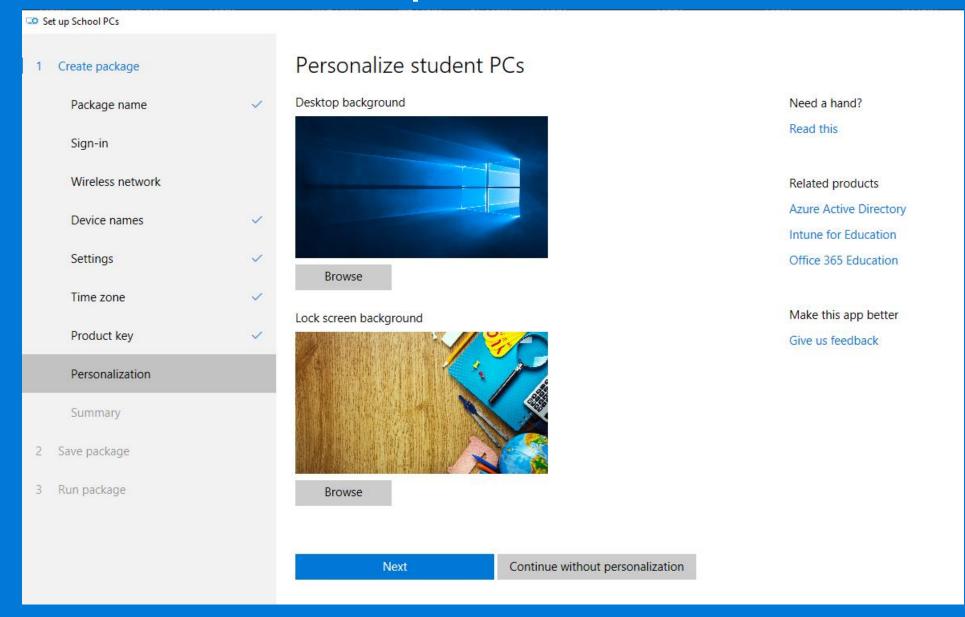




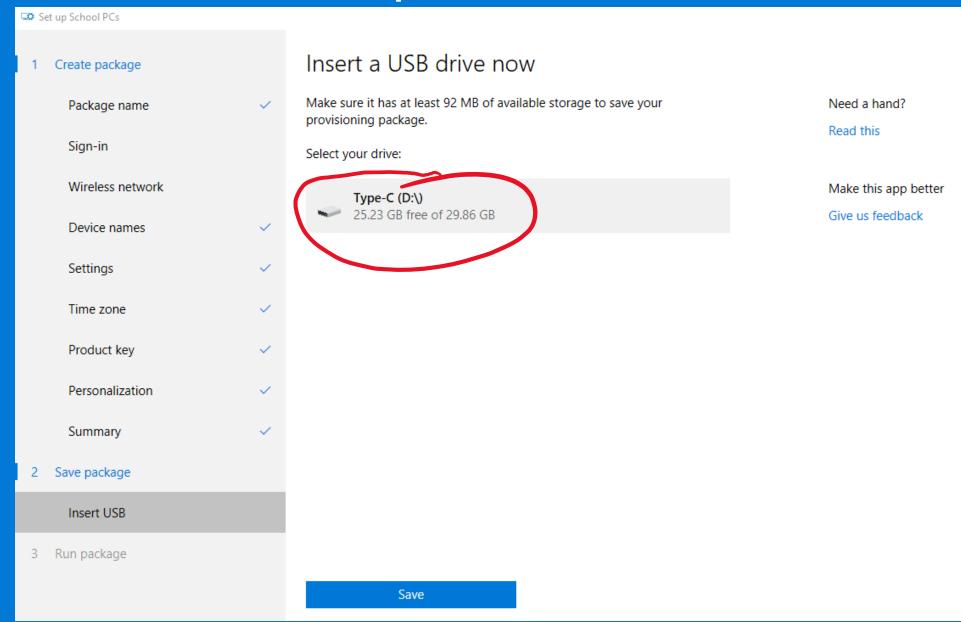
FREE Microsoft Store App



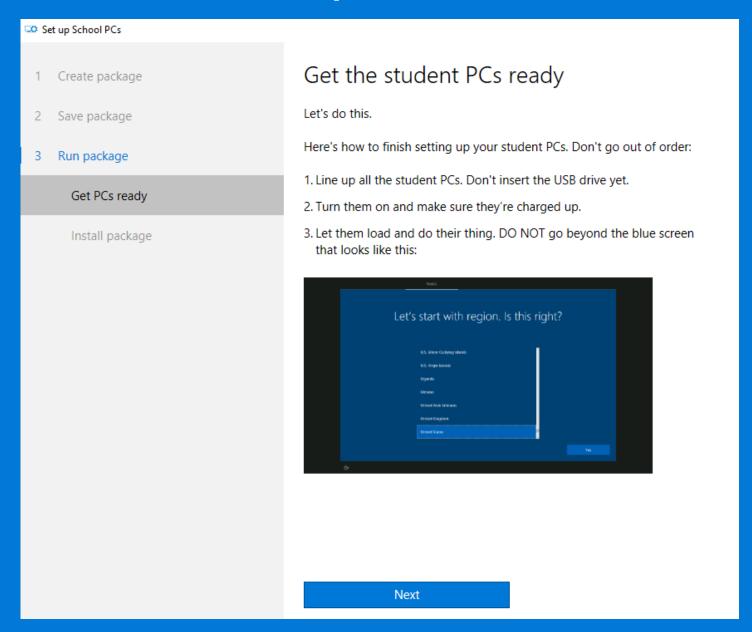




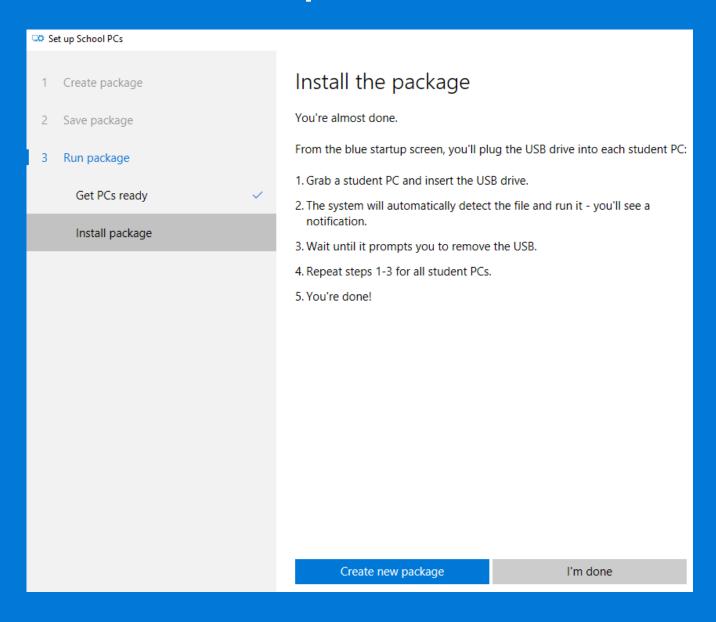














Windows Autopilot



The autopilot control panel of a Boeing 747-200 aircraft



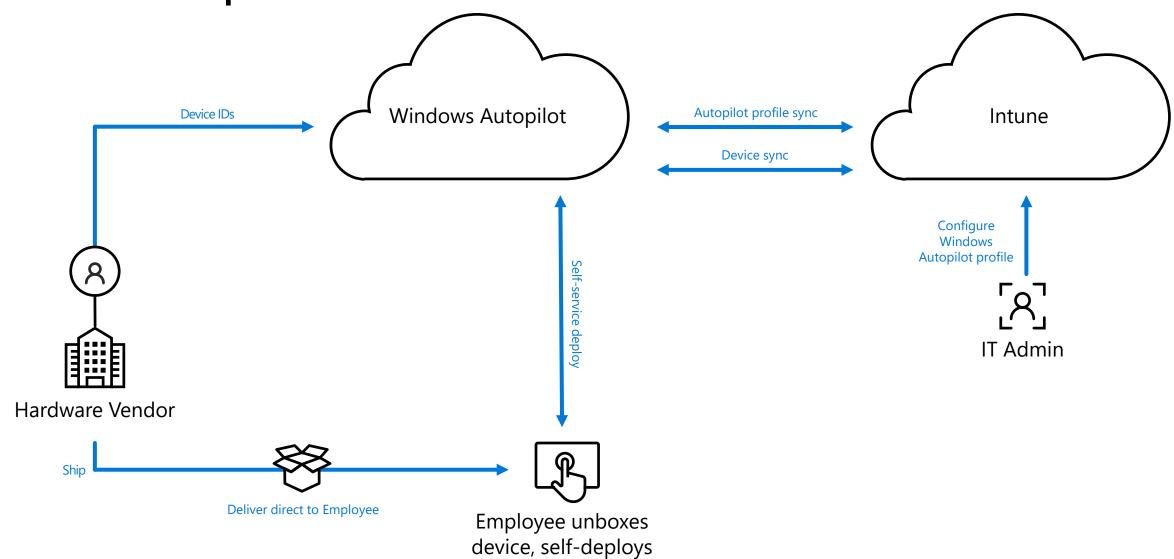
Wikipedia definition

An <u>autopilot is a system used to control</u> the trajectory of an aircraft <u>without constant 'hands-on' control by a human</u>

<u>Autopilots do not replace human operators</u>, but instead they <u>assist them in controlling the....</u>

This allows them to focus on broader aspects of operations such as....

Windows Autopilot overview





Windows Autopilot Uses (but not limited to)

- 1:1



- Staff mobile devices





Managing the devices

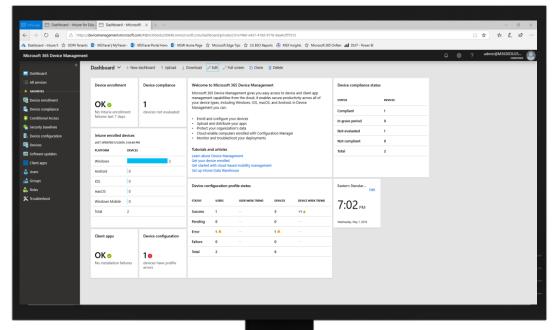
- Intune
- Intune for Education

The power of Intune, designed for education

Intune

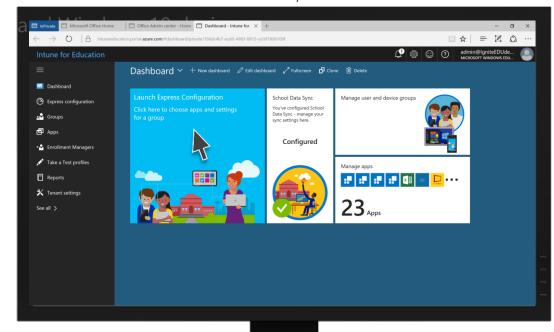
Designed for enterprise IT needs, mixed device environments,

Comes with Intune for Education!



Intune for Education

Same data, simpler experience for use with common education workflows, Windows 10 devices



Education Ready Settings

Easy to use for common school scenarios and settings

Simple web console for Windows 10 and iOS device management

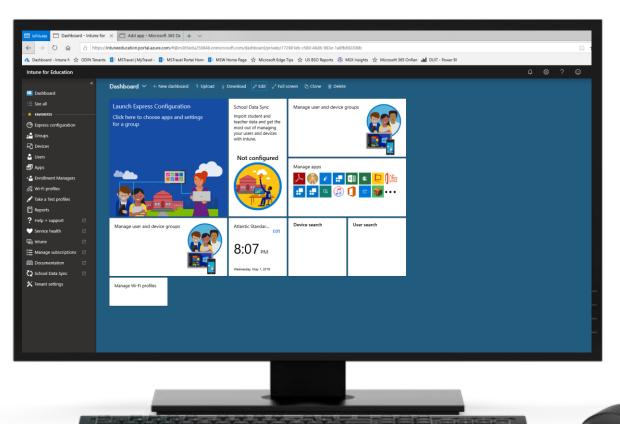
- Easy interface even for part-time IT staff to do routine tasks
- Express setup

Over <u>150 granular settings</u> such as:

- Allow Camera (Yes/No)
- Allow removable storage (Yes/No)
- Windows Update preferences

Manage groups based on school roster data (SIS) with School Data Sync

- Teachers
- Students
- Sections (classes)
- Schools



Easier Shared Device Management

Custom experience for each user to

Create the Conditions for Learning

Enable fast sign-in on shared devices

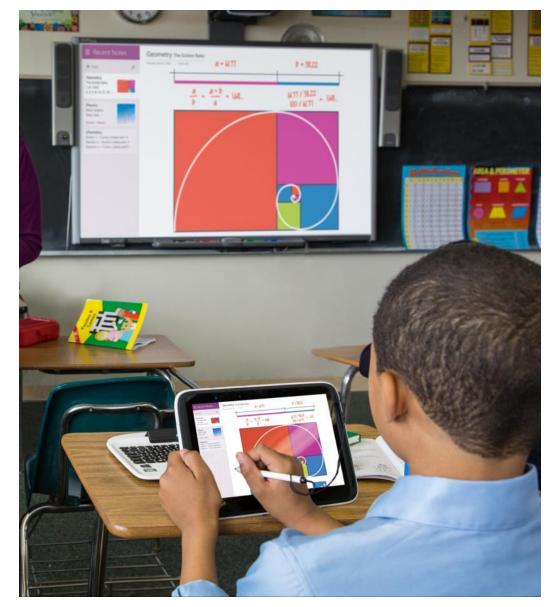
Apps deployed to devices are available to all users

Settings applied to devices are enforced at login

Each user can have a custom experience on a shared device including

- Wallpaper
- Start menu
- Installed apps
- Applied policies

Take a Test – Create a dedicated account for high stakes testing that locks PCs to the test URL





Keeping up with Windows 10

Windows Updates with Intune

Easy to configure
Nothing to maintain
Doesn't matter where the device is

Windows Education Devices Portfolio Spring 19









Typical Specs/Features*

Better

Good

Lenovo ThinkPad 11e (AMD) 11.6" 4/500GB



HP x360 310 G4 11.6" 4/500GB



Dell Latitude 3390 13.3" Core i3 4/128GB Est \$400



Acer Spin Pro 5 13" 4/64GB Core i5 \$599



Asus UX303 13.3" Core i5 4/128GB

~ \$399 (Est)

- 2 in1 Convertible
- Touch
- 13.3" Screen
- Intel Core i3/i5
- 4/128GB, 500GB

March '19



Lenovo14W (AMD) 14.0" 4/64GB Starting at \$299



Lenovo 300e 11.6" 4/64GB Starting at \$299





HP ProBook X360 G3 EE 11.6" 4/64GB Starting at \$319



Dell Latitude 3190 11.6" 4/64GB Starting at \$299





Acer TMB Spin B1(R) 11.6" 4/64GB Starting at \$299



Asus VivoBook Flip 14 TP401 14" 4/64GB Starting at \$329

- Approx. \$299 (Est)
- Convertible 360 hinge
- Touch & active pen
- 11.6" Screen
- Intel Pentium
- 4/64GB, &128GB

Feb '19



Lenovo 100e 11.6"4/64GB Starting at \$189



HP Stream 11 PRO G5 11.6" 4/64GB Starting at \$219



Dell Latitude 3190 11.6" 4/64GB Starting at \$229

March '19



Acer TravelMate B1(M) 11.6" 4/64GB Starting at \$215



Asus VivoBook W202/E201 11.6" 4/64GB Starting at \$279

- Approx. \$200 (Est)
- Clamshell
- Non-touch/touch option
- 11.6" Screen
- Intel Celeron
- Mainly 4/64

Microsoft 365 Component Map		Services & Features	A1	А3	A5
Office	Collaboration & Learning	Exchange Online (email and calendar), Teams and Skype (chat and IM), Yammer (social)	\checkmark	\checkmark	✓
		OneDrive for Business and SharePoint Online (files and sharing)	\checkmark	\checkmark	\checkmark
		Groups (shared spaces) and Planner (work management)	\checkmark	\checkmark	\checkmark
		Office Online web-based editing (Word, Excel, PowerPoint, and OneNote)	\checkmark	\checkmark	\checkmark
		Office ProPlus Client (Word, Excel, PowerPoint, Outlook, OneNote)		\checkmark	\checkmark
	Classroom Tools	Microsoft Teams Classroom, PLCs, and StaffHub	\checkmark	\checkmark	✓
		OneNote Class Notebook, Sway	\checkmark	\checkmark	✓
	More Inclusive Classrooms	<u>Learning Tools</u> , <u>Accessibility Checker</u> , <u>Office Lens</u>	\checkmark	\checkmark	✓
	Compliance	Legal Hold, eDiscovery	\checkmark	\checkmark	\checkmark
		Advanced eDiscovery, Customer Lockbox, Advanced Data Governance			✓
	Management & Security	Exchange Online Protection, DLP, Azure Rights Management, Message Encryption, School Data Sync	\checkmark	\checkmark	✓
		Office 365 Cloud App Security		\checkmark	\checkmark
	Advanced Security	Office 365 Advanced Threat Protection, Threat Intelligence			✓
	Analytics	Power BI Pro, MyAnalytics, Delve			✓
	Voice, Video, and Meetings	Microsoft Teams, Skype for Business	\checkmark	\checkmark	✓
		Bookings, Skype Meeting Broadcast, Office 365 Video		\checkmark	✓
		PSTN Dial-in Conferencing, Cloud PBX			✓
Windows	Operating System	Windows 10 Upgrade License (Education Edition, Enterprise, Enterprise LTSB, & Pro)		\checkmark	✓
	Management and Security	Windows Defender Antivirus		\checkmark	✓
		Device Guard, Credential Guard, Exploit Guard		\checkmark	✓
	Advanced Security	Windows Defender Advanced Threat Protection			✓
Enterprise Mobility + Security	Management and Security	Azure Active Directory P1 (SSO, MFA, SSPR, Conditional Access, Dynamic Groups)		\checkmark	✓
		Azure Information Protection P1 (document classification, tracking, and revocation)		\checkmark	\checkmark
		Advanced Threat Analytics		\checkmark	\checkmark
		Intune (MDM and Mobile Application Management (MAM) without the need for device enrollment)		\checkmark	\checkmark
	Advanced Security	Azure Active Directory P2 (Identity Protection and Privileged Identity Management)			\checkmark
		Azure Information Protection P2 (automated classification and hold your own key)			\checkmark
		Microsoft Cloud App Security			✓
ditional M365 Benefits	Student Benefits	Intune for Education, Azure Active Directory P1, Azure Information Protection P1, Advanced Threat Analytics		,	,
		Office 365 Cloud App Security, Minecraft for Education		V	V
		Azure Active Directory P2, Azure Information Protection P2			✓
	Game Based Learning	Minecraft for Education		\checkmark	✓
	Server & CAL	Productivity Server Licenses and Client Access Licenses (CALs) for Exchange, SharePoint, Skype for Business, etc.		\checkmark	\checkmark
dit		Windows Server Client Access Licenses (CALs)		✓	✓



Additional Resources

Windows Bootable Media: tinyurl.com/bootablewinmedia

Intune for Education Setup/trial: aka.ms/pilotchecklist

Training videos on my Youtube Channel (Just search for me!)

Find me on LinkedIn!

Twitter @Jodiegaver

Jodie.Gaver@Microsoft.com