

Microsoft Intune  
**Windows Autopilot**



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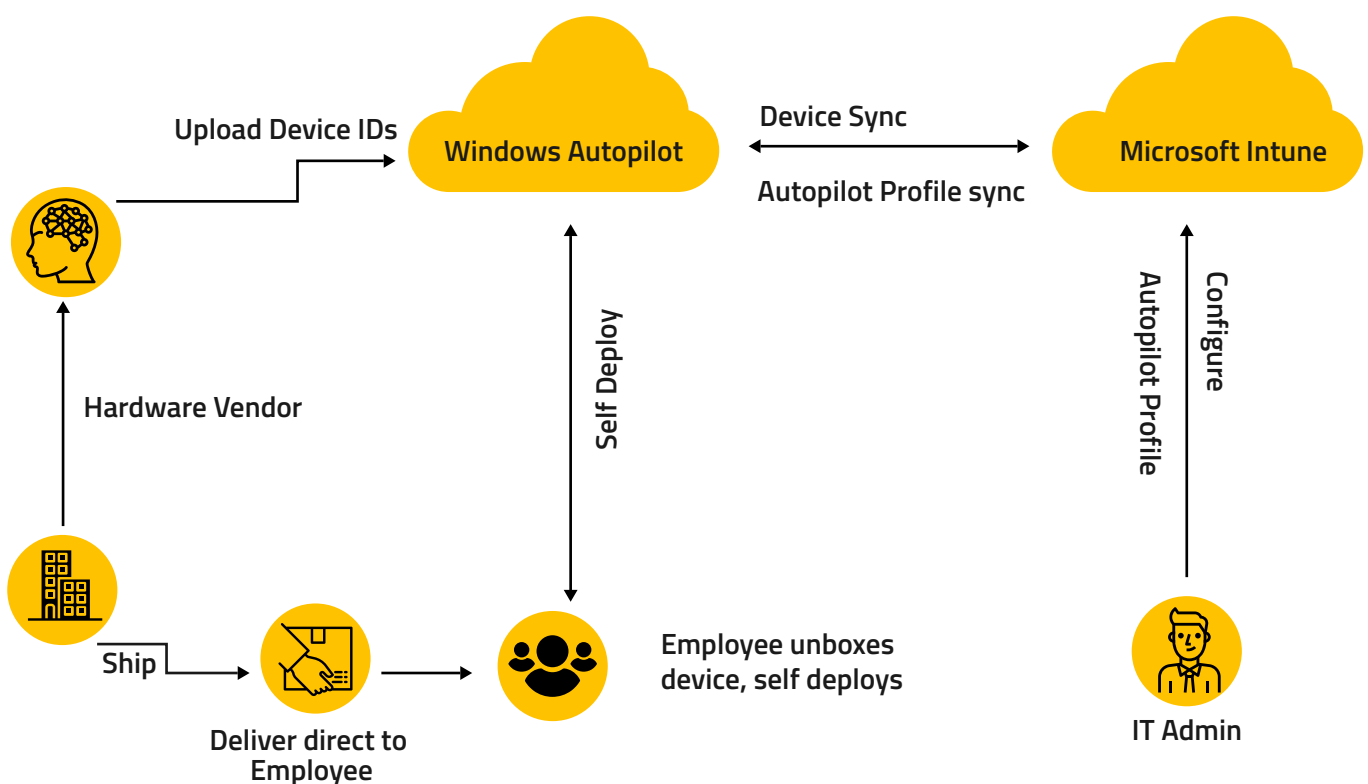
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# Overview of Windows Autopilot

Windows autopilot is one of the features in Microsoft Intune, which gives you enhanced ability to set-up and pre-configure new devices, getting them ready for productive use. You can also use windows reset, repurpose and recover devices. Windows device life cycle is made simpler with the help of Windows Autopilot for both IT and end-users.

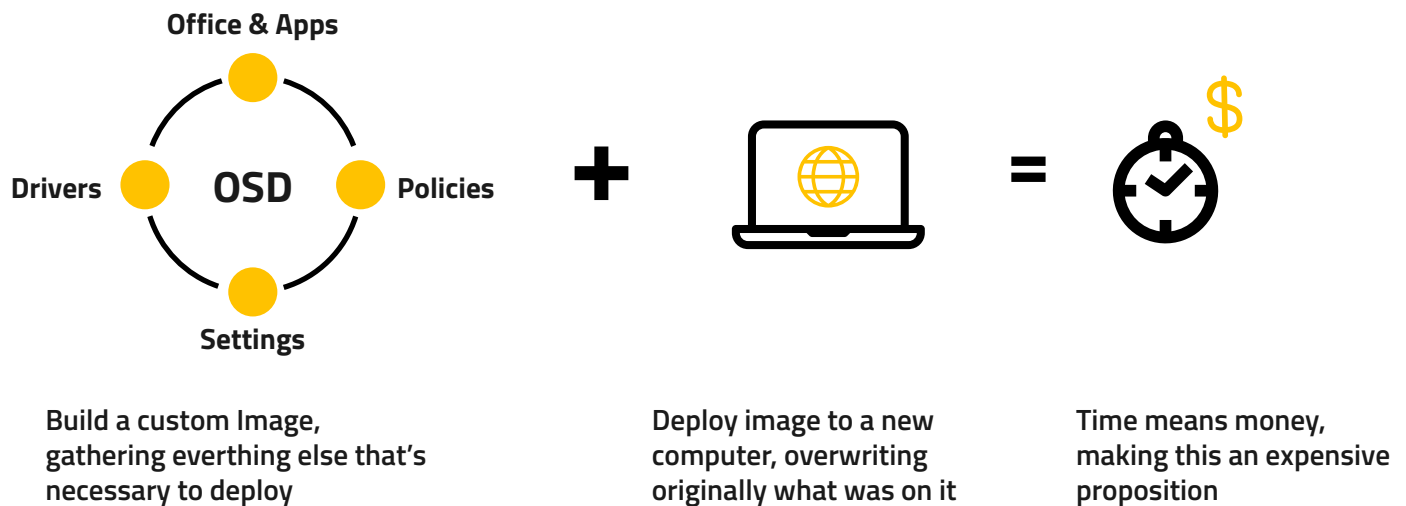
Windows Autopilot cuts down the overall cost and the time of the IT team for deploying, managing and retiring. It also reduces the [Infrastructure](#) required to maintain while ensuring ease of use for all the end-users.





## Current challenges Organizations face while deploying Operating System

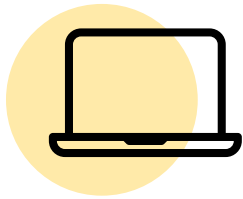
Deploying a Windows Operating system involves complex tasks in building custom images including office and applications, software updates, drives and settings according to organizational standards. Deploying images to a new computer and overwriting the original configurations takes more time, resource and money to make the device production ready.



## Overcome the above challenges using Intune Autopilot

Windows Autopilot leverages the OEM version of Windows 10 that is preinstalled on the device, saving organizations effort to maintain custom images and drivers for every model of device being used. Instead of re-imaging the device, your existing windows installation can be transformed into a "business-ready" state, applying settings and policies, installing apps, and even changing the edition of Windows 10 is used to support advanced features.

The Windows Autopilot Reset will quickly prepare a device for a new user, in a break or fix scenarios to enable the tool to revive and transform back to its business-ready state.



**Un-box and turn on  
off-the-self windows PC**



**Transform with minimal  
user interaction**



**User device is ready for  
productive use**



## The Significance of Windows Autopilot

Windows Autopilot streamlines enrolling devices in Intune. Setting-up and maintaining customized operating system images is a time-consuming process.

IT team need to spend a lot of time in order to apply the custom operating system images to a new device to prepare them for use before giving them to your end-users.

Microsoft Intune and Autopilot will allow organizations to give new devices to end-users without pre-OS and applications to build, maintain, and apply custom OS images to the devices. Policies, profiles, apps and more can be managed when you use Intune manages Autopilot devices.





# Windows Autopilot benefits for modern device deployment

The IT professionals spend a lot of time in building and customizing images that are later deployed to devices.

## Autopilot will Eliminate the OS image re-engineering process

this process includes app installation, and drivers, managing Infrastructure, and setting policies. With smart pre-configuration, With the help of [Cloud](#), all of these can be achieved at one go, with smart pre-configuration you can set-up an Autopilot in Microsoft Intune, and automatically that gets applied to all windows devices under that profile.

## We can adapt the out-of-box experience (OOBE)

when a new Windows device reaches the end-user, they can skip complete sections that previously required manual input -and start using the device for work without hassle.

Now the organization can have a personalized company branding logo and custom colour schemes to appear during the OOBE.

## Auto deploys your devices off-the-shelf zero touch OS installation

Self-Deploying mode then automatically joins your devices with your company's Azure AD tenant, which can perform MDM enrolment using Microsoft Intune and deploy your pre-set applications, certificates, policies and profiles without any need for additional IT input.

## Reset your devices for faster re-use

Windows Autopilot Reset is another new feature in Microsoft Intune that makes it easier to develop devices for re-use and get it available into a business-ready state more professionally using a remote reset. which then automatically removes apps, files, and settings while still maintaining its [Azure Active Directory](#) and MDM enrolment information, so it remains managed.

## Pre-define policies and ensure security with enrolment status

Autopilot registration status feature makes it easier to ensure your Windows devices are fully configured, compliant and secure before users can access the devices.

Greater control for IT to breathe when unpredicted errors occur that provides enough time to your team to check with the set-up on the device is in line.



## Happiest Minds Technologies experience in implementing Microsoft Intune Windows Autopilot

### Used Case 1: Group of Educational Institutions

The educational institutions will always spend a lot of time and efforts setting up the machines with the latest customizations to improve the learning standards for their students around the globe, while the number of devices deployed continues to grow

Next-gen students must learn the technical skills that will determine their future. IT professionals in larger education systems face challenges to deploy and maintain the fleet of devices without compromising the functionality that the staff and the students require.

### Used Case 2: IT Solutions company

As we know that IT solutions organizations always spend a lot of time and efforts in building machines with latest customizations to increase the security compliance and avoid the malware attach around the globe, while the number of procured devices continues to grow.

IT professionals face a challenge on how to deploy and maintain the fleet of devices without compromising on the [security](#) and the latest technologies upgrade that will result in increased productivity.

Our aim to provide our customers with the best [cloud solutions](#) by saving time and cost in the legacy deployments has now been achieved through Microsoft Intune Windows Autopilot.



## CONCLUSION

As we have discussed above that how organizations can deploy operating systems for devices using the new cloud solutions and users can avail the services to configure devices on their own, how IT Team or Administrator can perform the device reset locally and remotely, and its operating system custom image can deploy automatically without any interaction from the user, who is already a member of deployment profile created on Intune for Autopilot.

All the above parameters can help organizations minimize the efforts on image deployments using new methods.



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Headquartered in Bangalore, India; Happiest Minds has operations in the U.S., UK, The Netherlands, Australia and Middle East.