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Windows Autopilot

Windows Autopilot is a collection of technologies used to set up and pre-configure new devices, getting them ready for productive use. You can also use Windows Autopilot to reset, repurpose, and recover devices.

- Windows Autopilot enables you to:
    - Automatically join devices to Azure Active Directory (Azure AD) or Active Directory (via Hybrid Azure AD Join).
    - Restrict the Administrator account creation.
    - Create and auto-assign devices to configuration groups based on a device's profile.
    - Customize OOBE content specific to the organization.
    - Auto-enroll devices into MDM services, such as Microsoft Intune
        - (*Requires an Azure AD Premium subscription for configuration*).

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Microsoft Intune

Microsoft Intune is a cloud-based mobile device management (MDM) and mobile application management (MAM) provider for your apps and on Android, Android Enterprise, iOS/iPadOS, macOS, and Windows 10 devices

- Manage Devices

- Manage Applications

- Compliance and Conditional Access

- Stand alone license or comes with Microsoft 365

✓ Set and Manage security policies
✓ Distribute software
✓ Proactive monitoring and alerts
✓ Inventory hardware and software
✓ Remote Managed Devices
✓ Reporting & Monitoring
✓ And much more!

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Modern Provisioning Deployment Steps

1. **Device Registration**
   - Allows the device to be registered to a particular organization prior to leaving the factory

   Windows Autopilot

2. **Device Enrollment**
   - System enrollment in to MDM system (Intune) which provides a management tool to modify device (policies, settings, apps, etc.)

   Microsoft Intune or other MDM

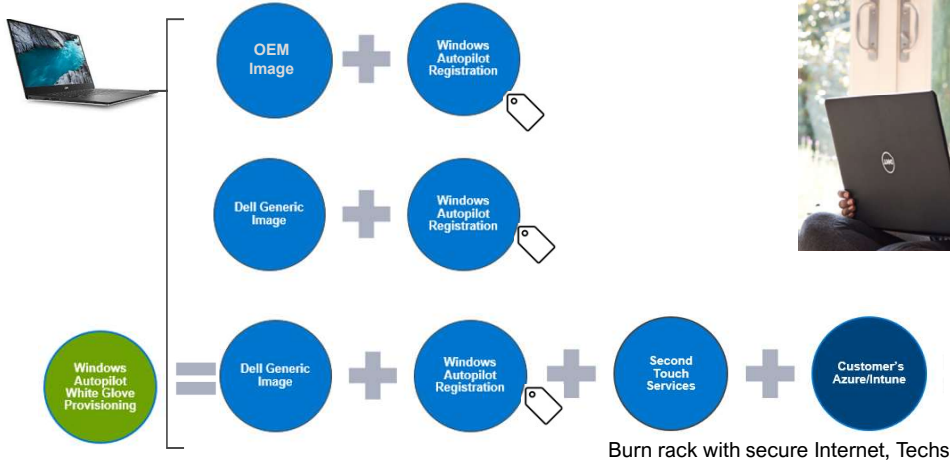3. **Device Provisioning**
   - Execution of MDM instructions based on specific user /device profile.
     - Happen at end-user side and it depends on bandwidth speeds
     - At second touch facility with Windows Autopilot White Glove Provisioning

   Microsoft Endpoint Manager or other

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Dell Windows Autopilot Offerings

OEM Image + **Windows Autopilot Registration**

Dell Generic Image + **Windows Autopilot Registration**

Windows Autopilot White Glove Provisioning = **Dell Generic Image** + **Windows Autopilot Registration** + **Second Touch Services** + **Customer's Azure/Intune**

Burn rack with secure Internet, Techs

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Dell Quick Start Service For Microsoft Intune

Dell Quick Start service helps your customers configure their environment and prepare it for Dell provisioning.

Experts
- Review of your environment
- Microsoft Intune configuration or optimization
- Management console introduction
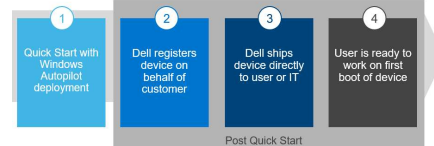- Set up of key applications, device assignment and profiles*

Insights
- Introduction to Windows Autopilot deployment types
- Azure Active Directory (AD) review
- Device enrollment pilot and Autopilot validation**

Ease
- Knowledge transfer for customer's administrators & help desk
- Dell in-house, certified experts who are trained in Provisioning for Intune implementation.

Benefits Microsoft Intune

- Customers can quickly get started in their journey to modern deployment with Microsoft technologies
- Confidence that your IT environment is fully ready for device provisioning with **Windows Autopilot** and **Microsoft Intune**
- Simplified transition to modern deployment and management with support from Dell

1. Quick Start with Windows Autopilot deployment
2. Dell registers device on behalf of customer
3. Dell ships device directly to user or IT
4. User is ready to work on first boot of device

Post Quick Start

Service:
- **Implementation of Provisioning for Microsoft Intune with Autopilot Quick Start (2 weeks)**

Service Description can be found here

Custom engagements are also available

(*) Up to 10 applications. Customer must package applications for unattended installs prior to service commencement.
(**) Pilot assistance with enrollment up to 100 or 10% of devices in a customer's environment (whichever is smaller).

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Resources

Dell Technologies InFocus Blog
- Unified Endpoint Management: One Tool to Rule Them All? (Feb 2019)
- Modern Provisioning: Shift Left vs Shift Right (June 2018)
- How to Modernize Your PC Management Approach (December 2017)

Modern EUC Blog   (Follow on Twitter @moderneuc)
- Unified Endpoint Management Field (Dec 2018)
- Managing Windows 10 Updates (Nov 2018)
- Office ProPlus vs Office 365 ProPlus (Oct 2018)
- Microsoft Platform: Workspace Transformation (August 2018)
- **Windows Autopilot Related blogs (Modern EUC)**
  - Windows Autopilot Basics (2/11/2017)
  - Latest Windows Autopilot Deployment Workflows (11/6/2019)
  - How to Try Windows Autopilot (1/5/2019)
  - Updating Windows 10 Edition with Autopilot / Intune (6/24/2019)
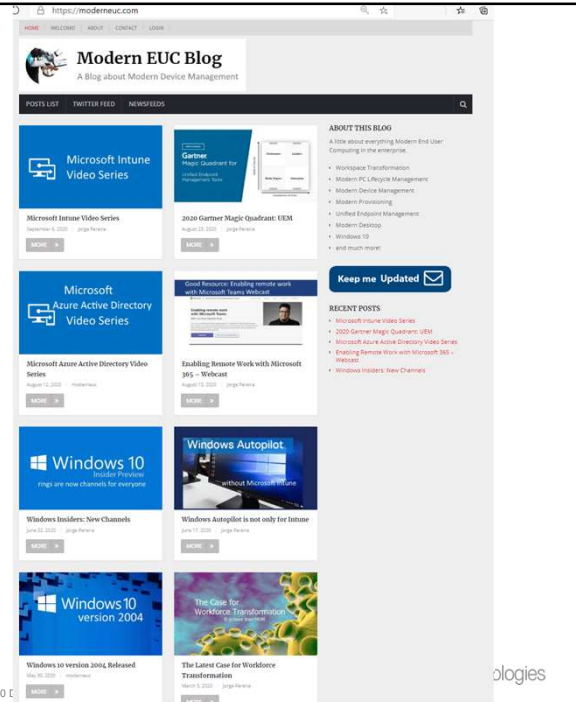 - Gathering Existing Devices Windows Autopilot Device IDs (7/9/2019)

Microsoft Documentation

Step by Step How to Guide:
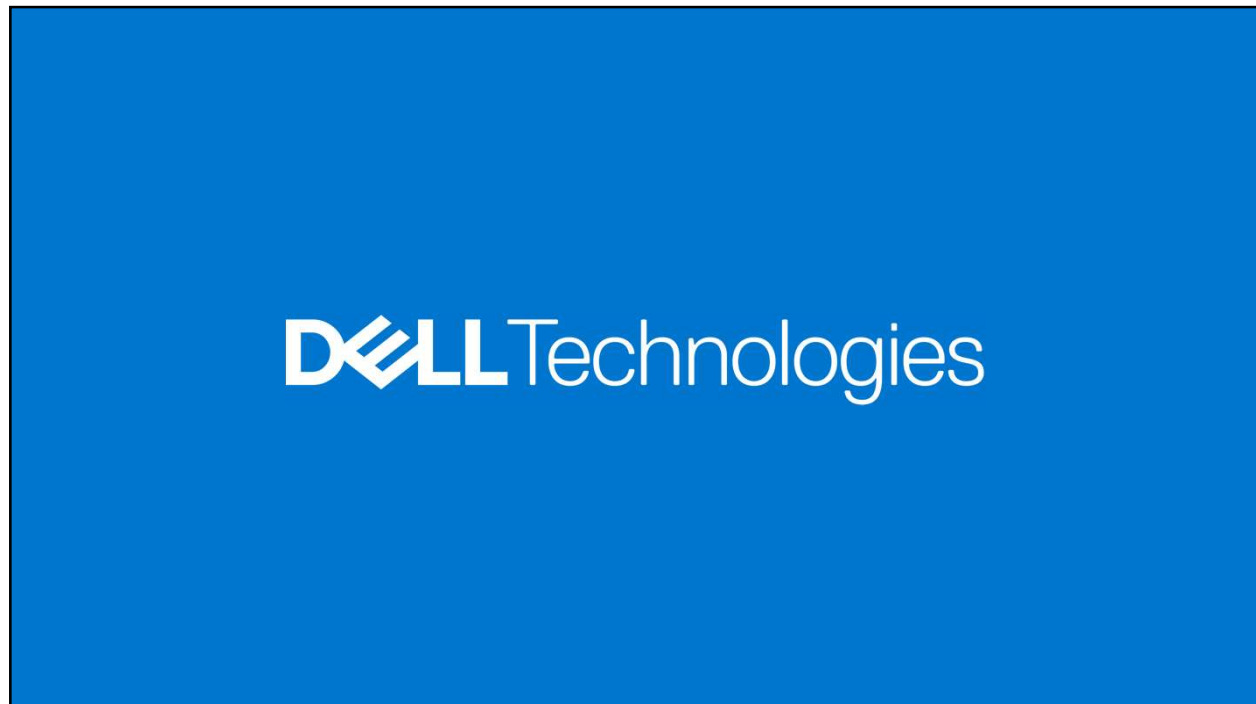
Microsoft: step-by-step guide to add Autopilot devices and profile
- Implementing Windows Autopilot – the future of device deployment

Let me know if you have any questions!

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