AutoPilot for Microsoft Teams Rooms on Windows

AutoPilot: — A zero-touch provisioning solution that automates Teams Rooms setup using Windows Autopilot and Autologin.

The Goal: — The goal of Autopilot for MTRoW is to enable zero-touch provisioning by automating the setup, configuration, and sign-in process for Teams Rooms devices. It allows IT teams and partners to pre-register devices so they automatically configure themselves upon first power-up—no manual intervention required. This ensures faster, more consistent deployments across locations, reduces setup time from days to hours, and supports scalable rollouts with minimal IT overhead.

Key Benefits:

- **Zero IT Touch:** Devices auto-configure and sign in when powered on.
- **Fast & Consistent Setup:** Standardized configuration across all rooms.
- **Remote Management:** Works with Teams Rooms Pro licenses for ongoing updates and monitoring.
- **Partner-Ready:** Supported by distributors or MSPs for scalable fulfillment
- **Scalable Rollouts:** Ideal for multi-site deployments and refresh cycles

Supporting OEMs:

The following OEMs are confirmed to support Autopilot for Teams Rooms. These vendors are actively working with partners to enable Autopilot provisioning workflows, including API integrations for pre-registration and white-glove services:

- **Yealink** - **HP/Poly** - **Logitech** - **MAXHUB** - **DTEN**

Addressing Network Security Concerns

Teams Rooms require network access similar to any Microsoft Teams client but with additional requirements for operational efficiency and security. This document outlines the necessary IP addresses, URLs, and network configurations required to ensure MTR operates seamlessly within an organizational network. This ensures secure, policy-compliant deployments aligned with enterprise-grade standards.

Key points include:
- Access to Microsoft Teams, Exchange Online, SharePoint Online, and Microsoft Intune endpoints.
- Support for Windows Update and Microsoft Store for app provisioning.
- Specific URLs for Teams Rooms Pro Managed Services (e.g., agent.rooms.microsoft.com, graph.microsoft.com)

Upfront Time Investment: What to Expect

AutoPilot dramatically reduces deployment time:

- From days to hours: Devices are pre-registered and auto-provisioned upon first power-up.
- No manual intervention: Auto-login completes Teams app setup without IT involvement.
- No room modifications: Express Install avoids ceiling cable runs or wall-mounted displays.

This makes it ideal for SMBs, mid-market customers, and rapid refresh cycles.

Resources:

- Autopilot for Teams Rooms Windows Step-by-Step Tutorial – Video Demo
- AutoPilot Configuration Details and Best Practices for Teams Rooms on Windows
- What's new in Windows Autopilot | Microsoft Learn
- Use Autopilot and Autologin to easily deploy Microsoft Teams Rooms consoles -Microsoft Teams | Microsoft Learn
- Enroll a Teams Room device into Pro Management - Microsoft Teams | MicrosoftLearn

Microsoft Teams

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1. What licenses are required?
Teams Rooms Pro licenses are needed for AutoPilot provisioning. These include Intune and Entra ID P1. For more information on the licensing requirements, see Windows AutoPilot License Requirements.

2. Can AutoPilot be used across multiple locations?
Yes. It supports multi-site rollouts with consistent configuration and remote management.

3. What if a device can't be enrolled in AutoPilot?
Use the One-Time Passcode (OTP) method for simplified provisioning. Learn More

4. How secure is the provisioning process?
Devices are enrolled in Intune, policies are enforced automatically, and credentials are never shared manually.

Windows AutoPilot Overview:
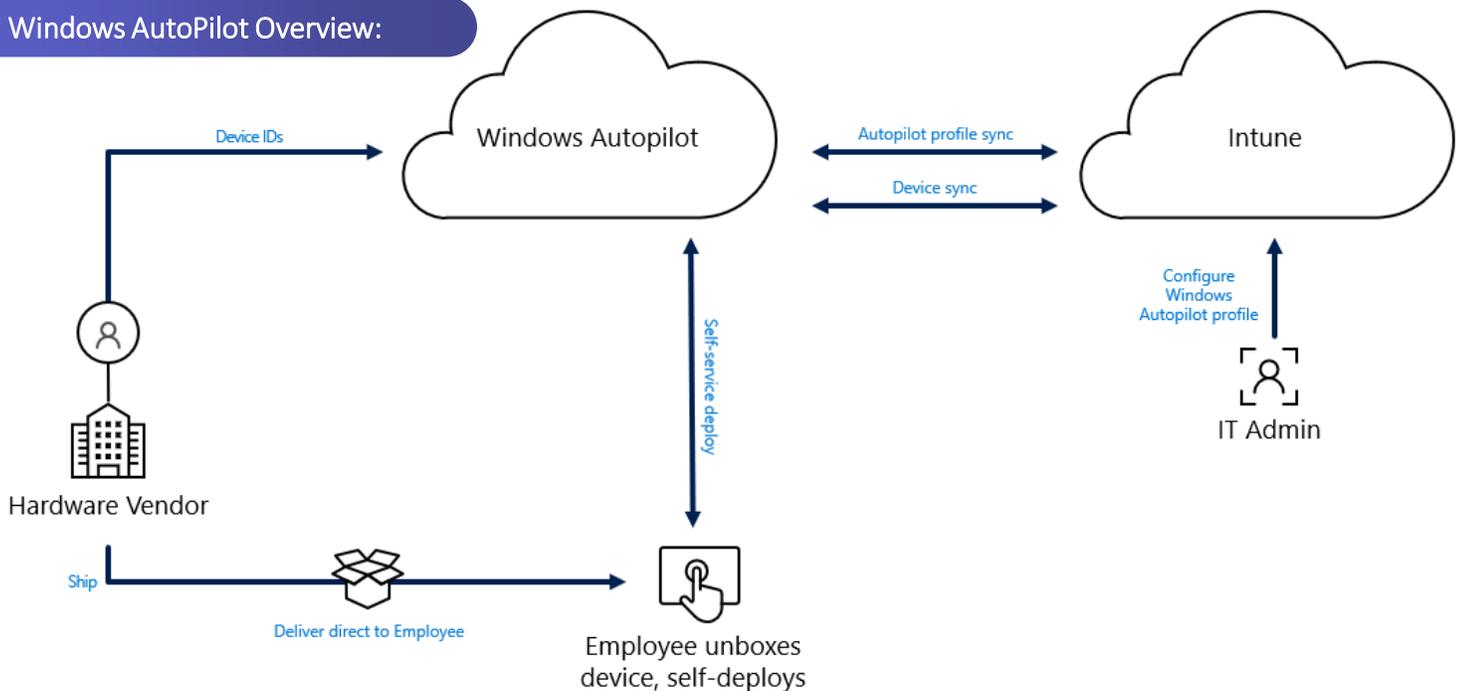
What Partners Should Know:

- **Autopilot API:** Enables OEMs and distributors to pre-register devices to customer tenants, reducing setup time 3.
- **White Glove Services:** Consider offering pre-configuration services for Teams Rooms devices along with multi-year support contracts.
- **Fallback to OTP:** For any OEM not yet fully integrated, OTP provides a secure and scalable alternative.
- Some partners are gaining market share by focusing on **Teams Rooms as a gateway to selling M365 Copilot.**

Additional Sales Resources:

- Express Install for Microsoft Teams Rooms
- Windows Autopilot and Autologin for Teams Rooms on Windows
- Autopilot Device Management, Configuration, and Deployment | Microsoft 365

Microsoft Teams