

# Microsoft Specific Considerations

FileWave may love Apple, but we also love Microsoft Windows. (In the same way that you don't have a favorite child)

Microsoft's Windows platform is widely used in various organizations due to its versatility and familiarity. For a successful device refresh or (re)Enrollment of Microsoft devices, these factors should be considered:

## Windows Autopilot and MDM

Windows MDM ( [Microsoft Windows MDM](#) ) offers an advanced set of capabilities that allow IT teams to pre-configure Windows devices for immediate deployment. With FileWave and Autopilot working in unison, you can:

- Preassign necessary apps and software, saving users from manually installing crucial business applications.
- Configure user-specific settings, offering a personalized experience from the first use.
- Enforce security protocols and settings to maintain a secure environment across all devices.

## Imaging Systems when you can't get to MDM-only

Depending on your situation you may not be able to simply enroll devices in Windows MDM and let Filesets install and configure everything. If that's where you are at then take a look at:

- [Network Imaging / IVS](#) - Filewave's official supported solution to put images on bare metal.
- [PSImage - Alternative Windows Imaging](#) - If you want to learn how to use Microsoft standard tools and build out an alternative workflow then take a look at this. It ties in to FileWave, but was built as an alternative by Professional Services and is more of a DIY solution for those who like to customize everything in their workflow.

## Client Deployment

If dealing with enrollment of an existing fleet of devices, but one not yet under FileWave's care, remember that you can create a custom FileWave Client installer at [custom.filewave.com](https://custom.filewave.com). This client installer is a standard MSI installer and can be distributed manually, through a GPO, or even through a legacy management system. It is very flexible, and when combined with the use of placeholders and custom fields, you can pre-assign all device content to deploy automatically on enrollment.

## Active Directory Integration

It isn't isolated to only MSFT of course, but Active Directory (AD) or AzureAD are usually an integral part of user management in the Microsoft ecosystem. By integrating AD with FileWave, you can enhance user and device management, including:

- Synchronization of user accounts and groups between AD and FileWave.
- Automation of device assignments based on AD group membership.
- Implementation of access control and device policies based on AD user roles.
- Integration of AD based data into FileWave for super-granular device and user-control

## Updates and Patch Management

Microsoft consistently releases updates for Windows OS and their suite of office applications. An effective patch management strategy is crucial to maintain security and productivity. FileWave can:

- Schedule and manage updates at convenient times, reducing disruption to productivity.
- Automate the installation of critical security patches, keeping your device fleet secure.
- Provide alerts about outdated software, allowing for quick remediation.

By considering these manufacturer-specific aspects and leveraging FileWave's integrations and capabilities, you can ensure a smooth and efficient device refresh or (re)Enrollment process.

✔ Utilize solutions like [Microsoft winget](#) to patch 3rd party applications.

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