



# Data Protection and Agile Management for Windows 10 and macOS Desktops

## Introduction

The way work is done in the modern enterprise is changing drastically. The rapid entrance of millennials into the workforce is driving the adoption of modern devices that allow users to stay connected to corporate resources on-the-go. The types of devices entering the enterprise are also increasingly varied, ranging from smartphones to modern desktops and detachables. The latest versions of operating systems such as Windows 10 and macOS give enterprise IT the ability to secure and manage corporate-approved and BYO desktops with modern techniques, while users have the flexibility to work on the devices they love, anywhere, anytime. Enterprises that



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adopt a modern endpoint security platform to secure and manage the full range of modern endpoints, including desktops, will experience stronger security for corporate data, simplified and agile IT operations, and a more delightful user experience.

## Modern authentication and access raise the bar on security

Modern authentication methods for Windows 10 and macOS desktops assure data security without hampering the user experience. MobileIron supports encryption, VPN integrations, and certificate deployment that protect corporate data while delivering a friendly and unobtrusive setup experience. An admin can specify a mandatory password on the device and can force the device to encrypt as an added layer of protection. And, once a device is enrolled, MobileIron continuously monitors the security state of the device. For instance, if the desktop has been unencrypted, the admin can enforce automated compliance actions as needed.

And, as more users access a range of cloud services such as Salesforce, Office 365, Box and others from their desktops, it is important for enterprises to address the emerging mobile app to cloud security risks. MobileIron delivers modern security and access to Windows 10 and macOS desktops by allowing IT to ensure that only trusted devices, trusted apps and trusted users have access to sensitive data residing in these cloud services. Organizations can successfully mitigate against these risks with MobileIron's unique approach that allows users to use the cloud services they love without jeopardizing data security no matter where it travels.

## Modern management delivers simplified and agile IT operations

Traditional Windows desktop management has required devices to join a domain that's governed by a set of group policy objects (GPOs), which define what a system looks like and how it behaves for a certain group of users. While traditional tools continue to work for the moment to secure and manage modern Windows 10 desktops, enterprise IT would do well to explore modern security and management approaches to ensure they are employing the right security and management approaches for the right use cases. These sub user groups may include but not be limited to executives, and remote branch offices. Executives typically prefer to use the latest devices such as detachables which can operate as a desktop but also instantly transform into a tablet device on-the-go. Modern management methods skip the long winded and labor intensive, high touch PC imaging and deployment process and can instead configure and put the latest updates on the desktop, all over the air. This low touch capability is also well suited for remote branches where there is insufficient IT resources onsite.

Enterprises are also increasingly expected to support Macs as corporate-approved devices. In order to be in compliance, it is imperative that all devices accessing sensitive corporate and customer data be fully secured and managed. MobileIron enables enterprises to unify Apple mobile and desktop operations using a common security and management platform. MobileIron's layered security can be extended to not only corporate-owned Macs, but to employee-owned devices as well. And, IT organizations can bring Macs under management across the organization with unparalleled speed and

at scale thanks to seamless integration with Apple's Device Enrollment Program (DEP) and Volume Purchase Program (VPP).

## Fast access to a fully productive desktop delivers a better user experience

Unlike traditional Windows desktop management processes, which can take anywhere from hours to days to image and provision the desktop, MobileIron can provision and configure all of the key settings on the desktop remotely, allowing for remote employees and contractors to get up and running more quickly. In addition, with advanced tools for desktop self-service, the user has more control and choice in troubleshooting and resolving the issue, rather than waiting on the already over-strained helpdesk staff. For organizations that participate in Microsoft's AutoPilot Deployment program, now they can experience ease of provisioning for new PCs for their end users. Users can receive their new Windows 10 PCs directly from the computer manufacturer or OEM, and registration with MobileIron is automatic as the computer is first turned on. This greatly simplifies the out-of-box experience for users while ensuring strong security for the device.

For organizations that participate in Apple's DEP program, registration for a Mac is as simple as powering on a new device or using a repurposed device that has been reset to factory defaults.

Registration occurs as part of the Apple Setup Assistant, and admins can choose to have devices enroll automatically for later assignment or to prompt users for enterprise credentials. MobileIron allows administrators to provision administrator and user accounts on the device over the air. For more information on Apple's Device Enrollment Program and how it can help your organization, please visit <http://www.apple.com/business/dep/>

And finally, once the user is given secure and fast access to their desktop, enabling them with key apps greatly accelerates productivity in the enterprise. When a Windows 10 or Mac device enrolls with MobileIron, our enterprise app catalog is automatically distributed. The app catalog allows end users to choose from a list of apps that an admin has assigned to the user or team. Admins can also decide which apps they whitelist or blacklist from public app stores. For instance, IT admins may decide to disallow users from installing apps from untrusted sources.

In this era of modern work, security delivered in an agile way enhances compliance, user productivity and enables a better customer experience. With a modern approach to desktop security and management, enterprises can differentiate themselves and experience true business acceleration.



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