

# MODERN MAC MANAGEMENT FROM THE CLOUD

Mitigate Risk, Drive Productivity, and Increase Savings with VMware Workspace ONE UEM Powered by AirWatch Technology



## KEY CHALLENGES ON THE JOURNEY TO MAC MODERN MANAGEMENT

- Manual, resource-intensive imaging
- Challenges supporting remote users
- Limited ability to distribute apps

## Embracing Mac as Device of Choice

The Mac has made the move to widespread enterprise adoption. In fact, it's now the platform of choice for well-known technology companies including Google and Facebook. Even when it's not the dominant OS or device in a corporate setting, some level of adoption is quite common as a result of user demand, BYOD, and the consumerization of IT.

Many progressive IT organizations offer employee choice of the technology to attract talent and increase user satisfaction. As more than 600 million Windows 7 devices approach end of support, a survey by Verto Analytics showed that one out of four Windows users expects to switch to Mac. With these trends, more organizations will need to support an increasing population of Mac devices.

At the same time, modern deployment and purchase programs from Apple, changes to macOS, and organizations looking to lower costs and increase efficiency are changing how organizations manage Mac devices.

Organizations that want to leverage Device Enrollment Program (DEP) and Volume Purchase Program (VPP) as part of Apple Business Manager must use a solution that supports Mobile Device Management (MDM).

macOS High Sierra marked the end of traditional tools that enable monolithic system imaging for most use cases, such as the new file system for Mac called APFS. Admins that want to accept the prompts for apps that require kernel extensions also introduced in High Sierra must leverage user-approved MDM. With the release of macOS Mojave, admins also need MDM to accept the privacy prompts for apps that need certain permissions.

## Modern Mac Management Made Simple

Organizations using legacy, imaging-based point products to manage Macs can adopt VMware Workspace ONE® powered by VMware AirWatch® technology as a modern unified endpoint management (UEM) solution. The solution can be used to manage the entire macOS lifecycle alongside iOS and tvOS devices from one console. Mac devices can be easily deployed, managed with MDM and the necessary layered services (open-source tools, home-grown clients), and kept up to date for a modern experience that replaces imaging.

## Mitigate Risk, Drive Productivity, and Increase Savings



### Reduced Costs

No need for legacy imaging solutions, consulting services



### Productive Users

Self-service access to any app with integrated SSO



### Improved Security

Real-time compliance on any network

## How VMware Helps

### Enable low-touch IT management

- Support corporate-owned and BYO Macs and shared device use cases in a single management solution
- Deploy Bootstrap packages to Mac devices during onboarding with Apple Business Manager to simplify deployment
- Set up Macs over the air with Wi-Fi, VPN, email, apps, and more
- Gain full visibility into Mac deployments, including AppleCare integration
- Push profile to automatically accept whitelisted application prompts related to kernel extension and privacy

### Manage the complete application lifecycle

- Deploy any native or SaaS application to a unified app catalog with single sign-on (SSO) for users
- Enable virtual Windows apps to run on Mac devices from the same catalog
- Deliver software and security updates on a defined schedule

### Define the settings, policies, and rules for user, device, and data security and compliance

- Define settings for FileVault to ensure devices are encrypted, and Gatekeeper to protect devices from unknown download sources
- Maintain control of the admin account on devices and use firmware passwords to prevent users from changing critical security settings and policies
- Use built-in conditional access controls so only authorized users and compliant devices have access to enterprise resources

LEGACY MAC MANAGEMENT CHALLENGES		VMWARE SOLUTIONS
Manual, resource-intensive imaging	<b>Deploy</b>	Out-of-box deployment with Apple Business Manager and Bootstrap package eliminates labor-intensive and costly legacy imaging
Challenges supporting remote users	<b>Configure</b>	Customized configurations and provision tools
No real-time communication with endpoints	<b>Secure</b>	Real-time communication with endpoints
Disjointed app experience for users	<b>Apps</b>	Distribute any business app users need, including virtual Windows apps
No remote wipe-and-restore capability	<b>Retire</b>	Wipe and reset remotely for new users

### About VMware Workspace ONE

VMware Workspace ONE is an intelligence-driven digital workspace platform that simply and securely delivers and manages any app on any device by integrating access control, application management, and multi-platform endpoint management. It is available as an annual cloud subscription or a perpetual on-premises license.

Workspace ONE is built on VMware AirWatch technology and integrates with virtual application delivery (VMware Horizon®) on a common identity framework. With Workspace ONE, organizations can now evolve siloed cloud and mobile investments, enabling all employees, devices, and things across the organization to accelerate their digital transformation journey with a platform-based approach.

Eliminate management siloes. Enable user productivity. Use one platform for the digital workspace.

Learn more about VMware Workspace ONE UEM for Mac management.



macOS Management: Bring macOS into the Enterprise Along with iOS



With macOS High Sierra, VMware AirWatch UEM Now Best Management for Macs



Deploying macOS Mojave? Why You Need to Deploy Workspace ONE First

