

Parallels Mac Management 7 for Microsoft SCCM

Extend Microsoft SCCM to control and manage Mac computers the same as Windows PCs.

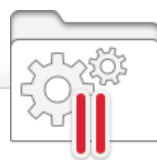
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Empowering IT to Support Cross-Platform Environments



Parallels® Remote Application Server

Allows IT admins to deliver corporate applications remotely to any device. Publish applications and deliver both VDI and RDSH to any device anywhere in the world.



Parallels® Mac Management for Microsoft® SCCM

Extends your existing SCCM infrastructure to control and manage Mac® computers.



Parallels Desktop® for Mac Business Edition

Deliver Windows and Windows applications to employees with Mac computers.

Also enables IT admins to centrally deploy and control Windows VM images on a Mac.

The Enterprise IT Mac Management Dilemma

IT admins WANT or NEED to support increasing numbers of Mac computers coming into the enterprise, either through internal choice or driven by bring-your-own-device (BYOD) compliance.

However, they DON'T WANT to invest in expensive new infrastructure, tools, processes, and skills in order to gain command and control of these Mac devices.



5+ Million Customers Trust Parallels

<p>Government</p> 	<p>Education</p> 	<p>Healthcare</p> 	<p>Manufacturing</p> 	<p>Retail</p> 	<p>Media/Ent</p> 	<p>Technology</p> 
<p>Automotive</p> 			<p>Financial</p> 	<p>Consumer Goods</p> 		

Including 50,000+ Businesses

Keep IT Simple

Mac Management Approaches

Traditional Approaches

1. Manage PCs

- Do not manage Mac computers
- ✗ Leave Mac users to their own devices

2. Manage PCs via Microsoft SCCM

- Manage Mac computers via separate, stand-alone tool and infrastructure
- ✗ Additional investments, training, and resources required

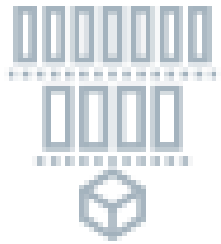
The Best Approach

Centralize PC and Mac management under a single pane of glass.

- ✓ Plug-and-play integration with SCCM
- ✓ Support for the latest SCCM branches
- ✓ Advanced Mac management capabilities
- ✓ Reduces TCO



Core Management Features



Discovery
Enrollment



Inventory



Compliance
Settings



Software, Patch,
OS Deployment



Reporting

Why Native SCCM (Current Branch) Is Not Enough

	Parallels Mac Management	SCCM
Basic Features		
Manual enrollment	●	●
Hardware and software inventory	●	●
SCCM application deployment model	●	●
Push scripts as SCCM configuration items	●	●
Support for multi-site hierarchy	●	●
Internet-based client management for Mac	●	-
Discovery and Enrollment		
AD system and network discovery	●	-
Automatic client installation and enrollment	●	-
Manual enrollment	●	-
Apple® DEP integration	●	-
Inventory		
Software metering	●	-
User login tracking	●	-

	Parallels Mac Management	SCCM
Compliance		
Remote wipe and lock	●	-
Deploy macOS® configuration profiles	●	-
Easy-to-use macOS configuration profile editor	●	-
Enable FileVault® 2 encryption	●	-
Software and Patch Deployment		
Support for SCCM package deployment model	●	-
Self-service application portal for Mac	●	-
macOS patch management	●	-
macOS Image Deployment		
Deploy macOS images via SCCM	●	-
Support for SCCM task sequence steps	●	-
Remote Assistance		
Remote assistance via VNC and SSH	●	-
Configuration		
Works without PKI infrastructure	●	-

Maximize Investments and Leverage Existing Processes

By centralizing their PC/Mac management system, your customers can:

- Leverage the SCCM infrastructure already in place and extend it to fully manage Mac computers.
- Gain control of Mac computers on the network and take action on them just like PCs. Mac endpoint discovery happens right alongside Windows discovery.
- Easily extend existing SCCM infrastructure, processes, and skills. Manage Mac computers and their software discovery, distribution, and inventory just like PCs.
- Provide IT departments the best macOS management capabilities.

Endorsed by Microsoft

“System Center Configuration Manager is designed for extensibility, and the Parallels Mac Management plug-in was built to help expand and enhance System Center’s management of Mac in enterprise environments. A single team with one set of tools can use the Parallels plug-in and help decrease redundancies and reduce OPEX costs.”

Andrew Conway
General Manager, Product Marketing



New and Key Features

Parallels Mac Management 7

Support for Internet-Based Client Management

Parallels Mac Management 7 introduces support for Internet-based client management, allowing administrators to manage Mac devices even when they are remotely connected to the Internet.

Allows compliance enforcement of on-premise Mac computers, as well as those not on the corporate network, such as a traveling employee's computer.



Support for Offline macOS Imaging from External Drive

Initiate macOS imaging from any external USB drive.

The bootloader and Parallels Task Sequence Wizard are located on the USB drive, while the rest of the OSD files remain on the distribution points.

Benefits to customers:

- Simplifies macOS imaging, even with a complicated network configuration
- No need to configure IP helpers
- No need for have PXE and NetBoot servers



Additional New Features

Non-OSD task sequence support

- Create task sequences without the “Deploy macOS” step.
- Deploy multiple software packages or perform configuration of Mac computers via the SCCM task sequence mechanism.
 - Apply this common Windows PC technique to Mac.

Task sequence step: Restart Computer

- During macOS imaging, the Restart Computer step allows admins to reboot a Mac being imaged.

Send hardware inventory on request

- Initiate collection of Mac hardware inventory from the SCCM Console.

Plus...

- Improved Installer
- Manual Mac client authentication initiation

Support for Apple DEP

Zero-touch deployment for SCCM-managed Mac devices

Support for Apple DEP and the unique integration with SCCM enables IT admins to seamlessly set up and provision new Mac devices.

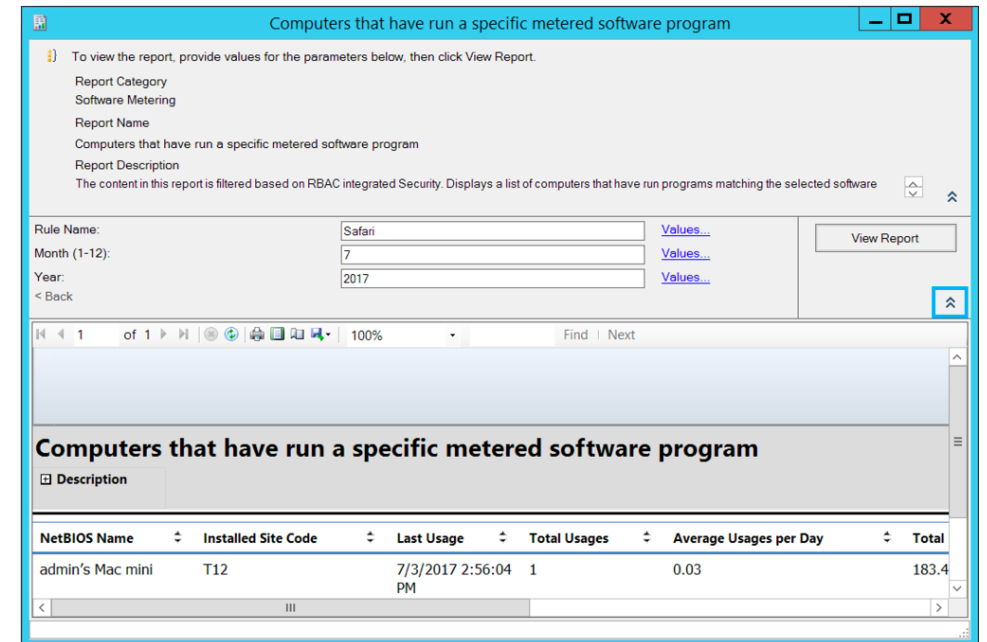
- Automated enrollment allows remote configuration of Mac.
- Customize each device for employees from the start.
- Finish the Apple Set-Up Assistant, and be done.



Software Metering

Monitor and collect software usage data from Mac clients and make business decisions based on this data.

- How many licenses of a particular software program do you have to purchase when you renew your license agreement with the software vendor?
- Are users still running a particular software program?
- What times of day is a software program most frequently used?



The screenshot shows a web-based interface for generating a report titled "Computers that have run a specific metered software program". The interface includes a search bar with the following parameters:

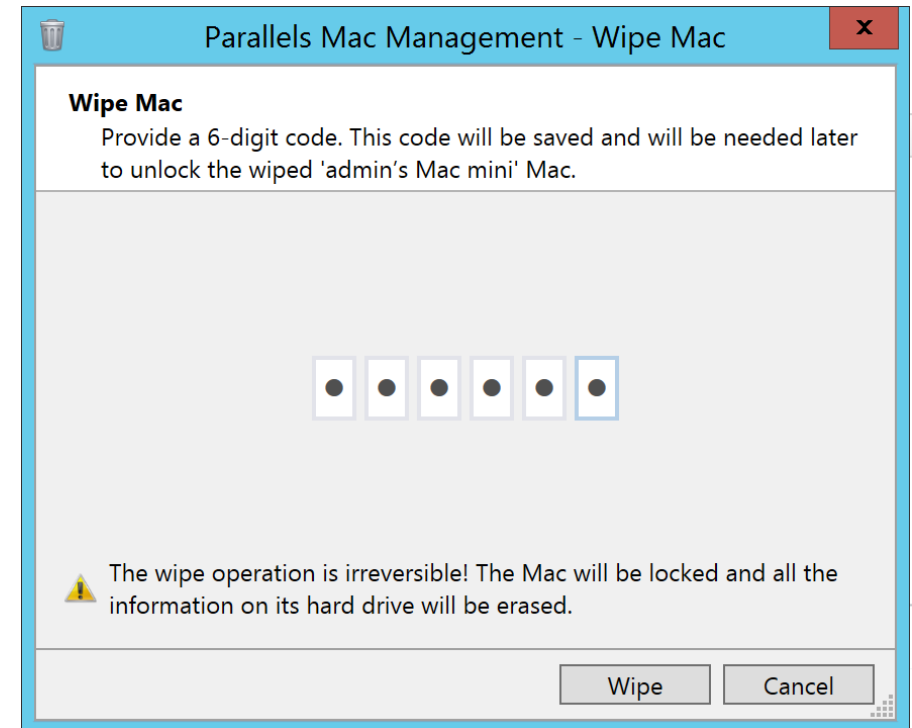
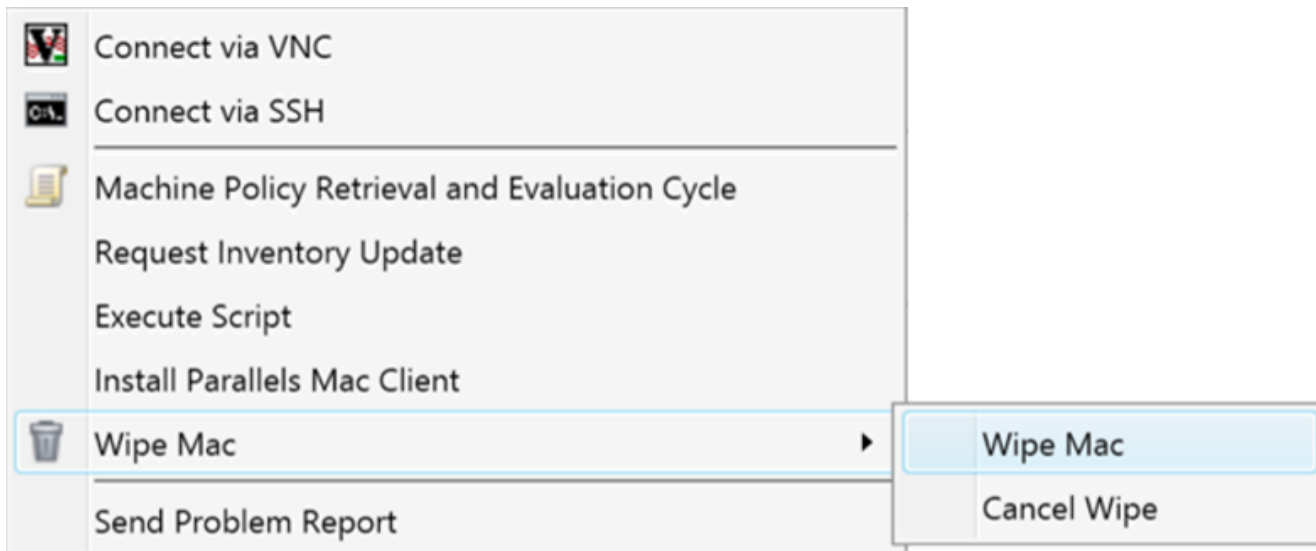
- Rule Name: Safari
- Month (1-12): 7
- Year: 2017

A "View Report" button is visible. Below the search parameters, a table displays the results of the report. The table has the following columns: NetBIOS Name, Installed Site Code, Last Usage, Total Usages, Average Usages per Day, and Total. The data row shows:

NetBIOS Name	Installed Site Code	Last Usage	Total Usages	Average Usages per Day	Total
admin's Mac mini	T12	7/3/2017 2:56:04 PM	1	0.03	183.4

Wipe and Lock Mac Remotely

For data security compliance, make use of Remote Wipe and Lock if a managed Mac is lost, stolen, or there is any reason to erase data on the Mac.

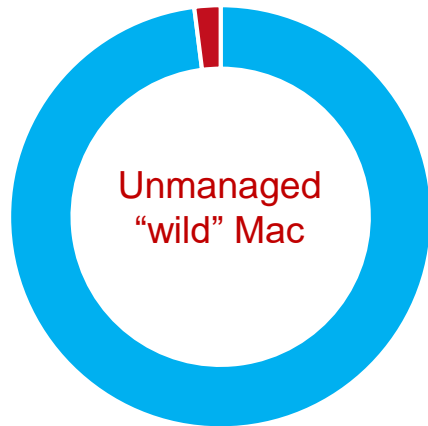


Q&A

Maximize Investments and Leverage Existing Processes

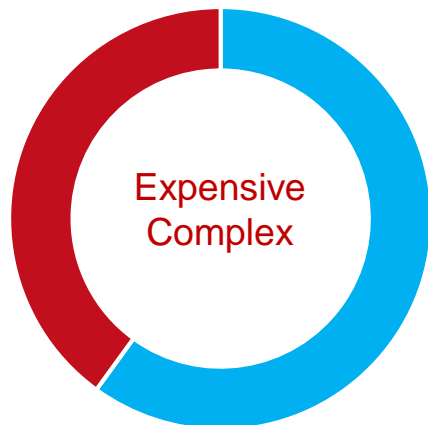
- Leverage existing SCCM infrastructure and extend it for advanced Mac management.
- Gain control of Mac devices on the network, and take action on them just like PCs. Mac discovery happens right alongside PC discovery.
- Easily extend existing SCCM infrastructure, processes, and skills. Manage Mac devices and their inventory, compliance, and software deployments just like PCs.
- Provide IT Departments with the best macOS management capabilities.

Traditional Approaches to PC and Mac Management



Manage PCs Only

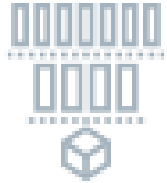
- Do not manage Mac devices.
- Mac users left to their own devices.



Manage PCs via SCCM

- Manage Mac devices via separate, stand-alone management system and infrastructure.

Parallels Mac Management Core Features



Discover and Enroll

Via Apple DEP, Network, and SCCM AD System discoveries



Inventory and Reporting

Hardware and software inventory from managed Mac computers, compliance settings reports, user log-on information, and software metering



Deploy Application, Patches, and macOS Images

Package and application deployment models, self-service applications portal, macOS deployment, and patch management



Enforce Compliance and Security

FileVault 2 full-disk encryption, enforce compliance via SCCM baselines, and macOS specific configuration items

Components Overview

Parallels Proxy

Enables communication of Mac with SCCM

Parallels Mac Client

Performs management operations on Mac

Admin Console Extensions

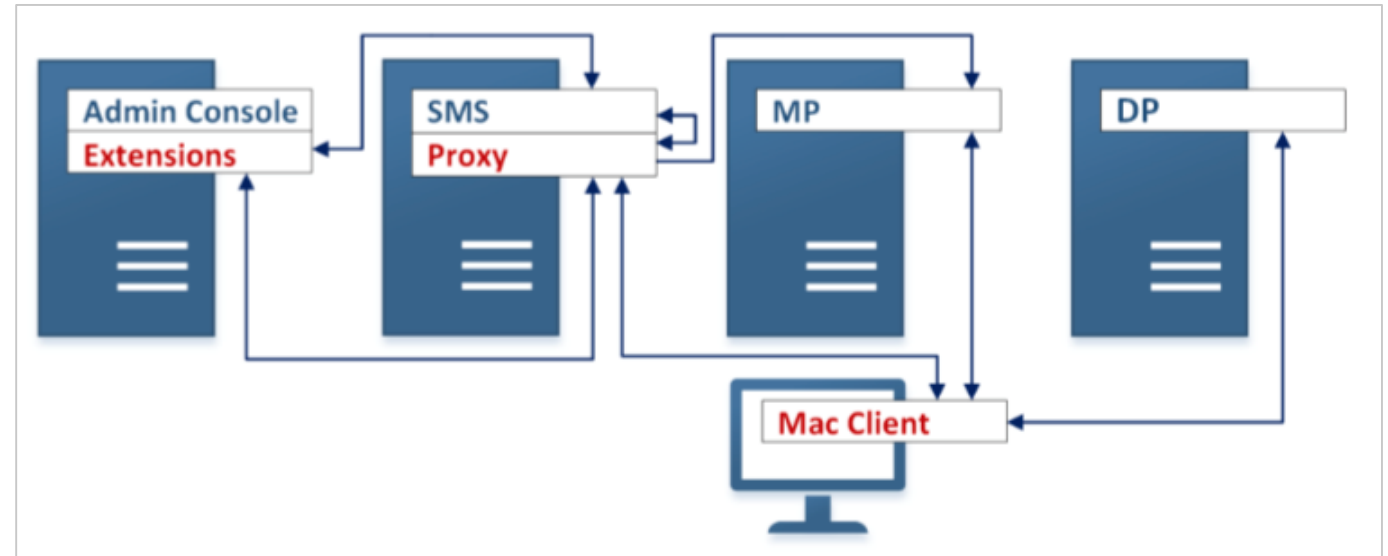
Adds UI to enable Mac management

NetBoot Server (optional)

Enables macOS image deployment

Parallels MDM Server (optional)

Deploys and enrolls Mac using Apple DEP program



What Others Say About Parallels Mac Management



HABERDASHERS'
ASKE'S FEDERATION

**Haberdasher Aske's Federation:
A Venerable Foundation Relies
on Parallels Mac Management**

"Thanks to Parallels Mac Management, the IT teams can always monitor our entire Mac hardware and software inventory, as well as the current user logins. We can attach existing and new Mac devices to the network using a fully automated procedure."

Ian North, System Administrator



**Griffith University relies on Parallels to run its huge
fleet of PCs and Mac on five campuses**

Huge PC-based network without solid and comprehensive support for Mac. IT administrators needed a solution to manage the school's multi-platform environment seamlessly. The solution provides software discovery and distribution without the need for a costly Mac-only infrastructure.



**Unique tool for helping primarily PC-
based organizations**

Slalom is built upon a Windows-centric network. However, once Mac started coming into the organization, it was clear that they needed to find a way to more seamlessly deploy and manage them. "I would absolutely recommend Parallels to other companies who are deploying Mac. It's been a fantastic solution for us."

Dan Yurcovic, Operations Manager Slalom Consulting



**Leverage existing infrastructure
management software**

"Parallels proven cross-platform capabilities make its Parallels Mac Management for Microsoft SCCM a promising solution for CIOs and IT managers who need to control their Mac computers and want to leverage their existing infrastructure management software."

**Robert Young, Research Director,
IT Service Management and Client Virtualization Software**

Solution Benefits

With features for full lifecycle management of a Mac computer, Parallels Mac Management provides the missing features to Microsoft SCCM to manage Mac:

- Mac discovery and enrollment
- macOS deployment and patch management
- Security and compliance settings (including FileVault 2.0 encryption)
- Inventory and reporting

Leverages Microsoft SCCM:

- Requires no infrastructure—plugs in to Microsoft SCCM
- Leverages IT/SCCM admin skills, with a minimum learning curve, as this solution reuses SCCM processes and features and translates them to Mac
- No hidden costs for maintenance, as it is maintained by the same Windows admins in SCCM

Perfectly Priced

- MSRP = \$45 per managed Mac, per year
- Mac management without gaps

Security and Compliance for Mac via SCCM

- Enforce compliance on the Mac via SCCM configuration items and baselines
- Configuration items tailored for Mac:
 - macOS configuration profiles
 - FileVault 2.0 disk encryption settings
 - Shell scripts
- Monitor compliance status via SCCM reporting
- Initiate a remote wipe of a Mac that was lost, stolen, or for any other reason data needs to be erased

Program for Partner's Success

Parallels Partner Program is designed to help our Partners succeed, with exclusive content and tools, including:

- Deal registration
- Marketing assets
- Training materials
- Certification
- Sales resources

