



// Release Notes 2.5

# RayManageSoft Unified Endpoint Manager



**RAYMANAGESOFT**<sup>®</sup> UNIFIED ENDPOINT  
MANAGER



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Release Notes for release 2.5

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# Introduction

RayManageSoft Unified Endpoint Manager provides a cloud-based solution for software deployment as well as patch management and an overview over the entire IT infrastructure.

It is possible to automate the management and software deployment for huge parts of the infrastructure while at the same time, keep individual schedules and lists of optional and mandatory software for specific endpoints.

RayManageSoft Unified Endpoint Manager can manage a multi-tenant environment, which means that it can manage multiple tenants or multiple infrastructure environments which can be hosted by different storage hosters. Currently Microsoft Azure, Amazon S3, and MinIO are the storage hoster which are supported by RayManageSoft Unified Endpoint Manager.

## System Requirements

RayManageSoft Unified Endpoint Manager requires a cloud storage to store all uploaded package files and to make them available to all devices. In this version cloud storage backed by Azure infrastructure, Amazon Web Services, and MinIO is supported.

### Prerequisites

- Docker Images for RayManageSoft Unified Endpoint Manager.
- Docker for Linux (on-premise installation)
- Microsoft SQL Server
  - The server must be reachable from the Docker environment.
- A cloud storage solution (Azure, MinIO, Amazon Web Services)
- A valid RayManageSoft Unified Endpoint Manager license, either in form of an order number or in form of a license file.

**Note:**

RayManageSoft Unified Endpoint Manager uses linux docker images. Make sure that Docker has been switched to **Linux Containers** mode. It is not possible to pull the images when running **Windows Containers**.

### Supported Web Browsers

- Microsoft Edge version 80 and newer
- Mozilla Firefox version 74 and newer
- Google Chrome version 80 and newer



## Supported OS

The following OS can be managed using RayManageSoft Unified Endpoint Manager.

- [Windows Desktop](#)
- [Windows Server](#)
- [MacOS](#)

### Windows Desktop

- Windows 7
- Windows 8
- Windows 8.1
- Windows 10
- Windows 11

### Windows Server

- Windows Server 2008 R2
- Windows Server 2012
- Windows Server 2012 R2
- Windows Server 2019
- Windows Server 2022

### MacOS

- Apple Mac OS 10.12
- Apple Mac OS 10.13
- Apple Mac OS 10.14
- Apple Mac OS 10.15
- Apple Mac OS 11
- Apple Mac OS 12
- Apple Mac OS 13



# What's New?

## MacOS Support Is Now Available

RayManageSoft Unified Endpoint Manager can now be used to also manage MacOS systems. A new agent has been added which can be used for MacOS devices. It is possible to silently deploy the new agent to MacOS devices by using the `mgsetup.sh`. [RMSC-1442](#) [RMSC-1510](#)

### Download agent

#### Download

Download the RayManageSoft UEM Windows agent:

[Download Windows agent](#)

Download the RayManageSoft UEM MacOS agent:

[Download MacOS agent](#)

In order to provide support for MacOS packages the application library in RayManageSoft Unified Endpoint Manager got extended. It now supports the creation of `.pkg` and `.dmg` packages. After a new MacOS application has been imported, a package can be directly deployed to any managed MacOS device. [RMSC-1452](#) [RMSC-1455](#)


## Add MacOS package ✕

General

CHOOSE THE PKG/DMG INSTALLER FILE: \*

**BROWSE FILE(S)**

IMAGE



## The Set of Default Reports Has Been Extended

The **Installation Overview** report and its **Installation Details** subreport have been added to RayManageSoft Unified Endpoint Manager. This report shows an overview of the deployed packages. It lists the count for each deployment state for the different packages. The **Installation Details** subreport additionally provides a list of the different devices. [RMSC-1444](#)  
[RMSC-1516](#)

DASHBOARDS AND REPORTS ► RAYMANAGESOFT UEM ► INSTALLATION OVERVIEW

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Papierbreite

Installation overview

| Package name                    | Version      | Package type   | Source type       | Installed | Pending | Optional | Failed | Not applicable | Uninstalled | Total |
|---------------------------------|--------------|----------------|-------------------|-----------|---------|----------|--------|----------------|-------------|-------|
| 7-Zip-x64                       | 21.2.0.0     | Package        | PackageStore      | 2         | 0       | 0        | 0      | 2              | 0           | 4     |
| Adobe Acrobat Reader Continuous | 22.3.20314.0 | Package        | IndividualPackage | 2         | 0       | 0        | 0      | 0              | 0           | 2     |
| AnyDesk                         | 7.1.8.0      | Package        | PackageStore      | 0         | 0       | 0        | 0      | 0              | 0           | 0     |
| BabelEdit                       | 3.0.0.0      | Package        | IndividualPackage | 1         | 0       | 0        | 0      | 0              | 1           | 2     |
| Default Device Schedule         | 1.0.0.2      | Schedule       | IndividualPackage | 2         | 2       | 0        | 0      | 0              | 0           | 4     |
| Default Device Settings         | 1.0.0.2      | ClientSettings | IndividualPackage | 2         | 2       | 0        | 0      | 0              | 0           | 4     |
| Docker Desktop-x64              | 4.16.3.0     | Package        | PackageStore      | 0         | 0       | 0        | 0      | 0              | 0           | 0     |
| Egnyte WebEdit                  | 2.4.7.0      | Package        | IndividualPackage | 2         | 0       | 0        | 0      | 0              | 0           | 2     |
| Firefox                         | 109.0.0.0    | Package        | IndividualPackage | 2         | 0       | 0        | 0      | 0              | 0           | 2     |

Installation Overview report

DASHBOARDS AND REPORTS ► RAYMANAGESOFT UEM ► INSTALLATION DETAILS

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Page Width

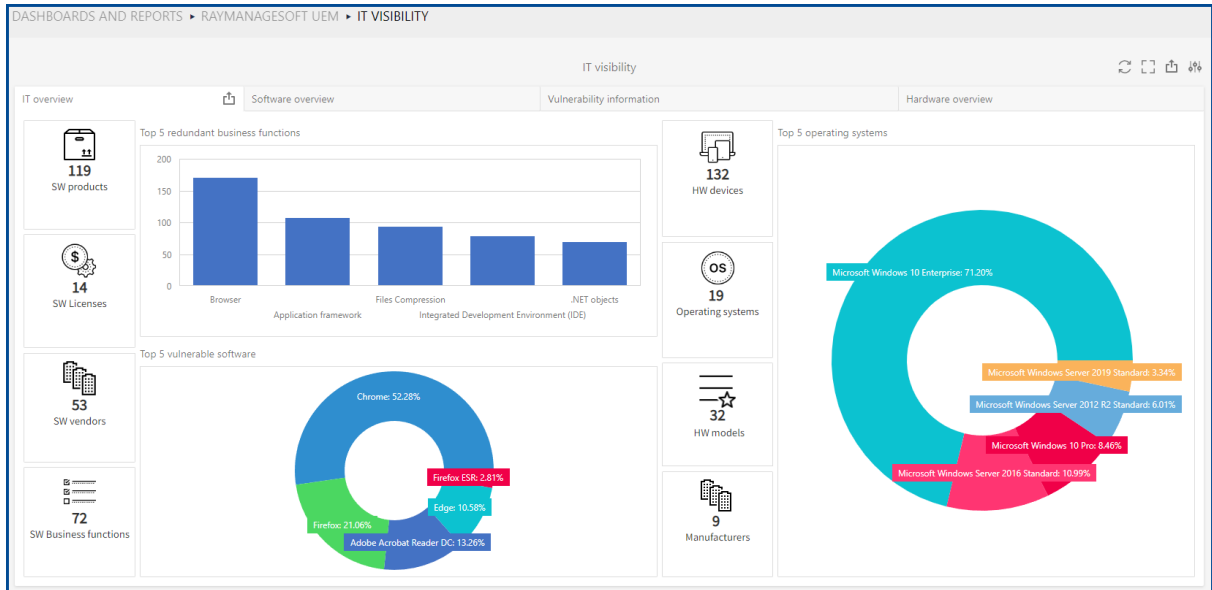
Installation details

| Computer name                  | Domain    | Last updated |
|--------------------------------|-----------|--------------|
| <b>Default Device Schedule</b> |           |              |
| 1.0.0.1                        |           |              |
| desktop-1ph6lri                | WORKGROUP | 09.03.2023   |
| desktop-m17avdj                | AIO.local | 09.03.2023   |
| rmsqavm-C07GG0000001           |           | 09.03.2023   |
| rmsqavm-C07GG0000003-2         |           | 09.03.2023   |

Installation Details report

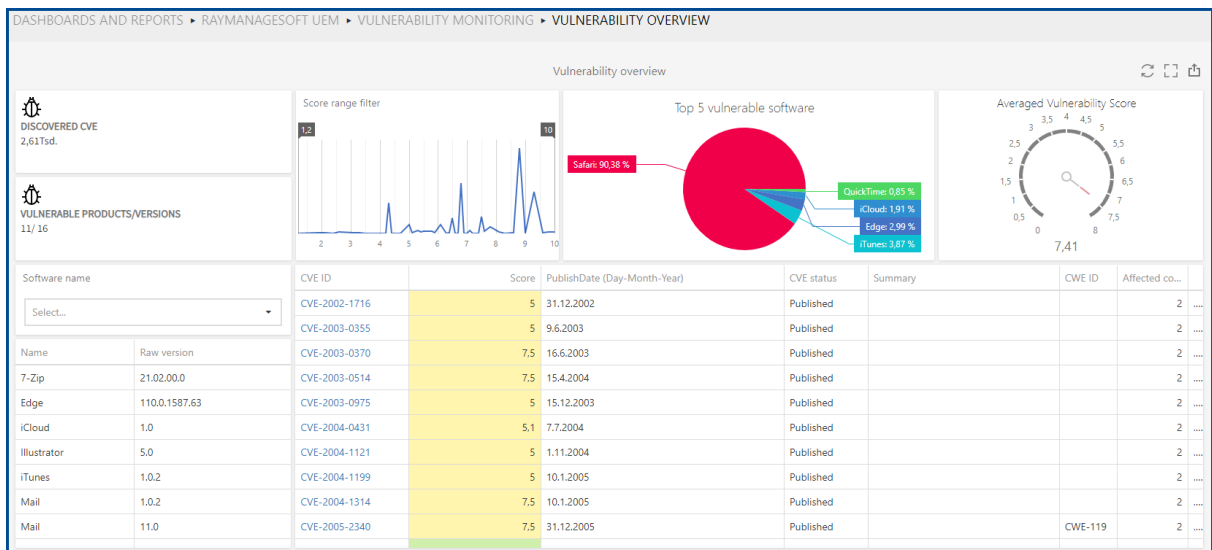
An **IT Visibility** dashboard, similar to the **IT Visibility** dashboard used in RayVentory Data Hub has been added to RayManageSoft Unified Endpoint Manager. [RMSC-1408](#)





IT Visibility dashboard

The **Vulnerability Overview** dashboard and the **Vulnerable Software Products** report have been added to RayManageSoft Unified Endpoint Manager. They can be used to view vulnerability information that has been created by the RayVentory Catalog. [RMSC-1514](#)



Vulnerability Overview dashboard





DASHBOARDS AND REPORTS > RAYMANAGESOFT UEM > VULNERABILITY MONITORING > VULNERABLE SOFTWARE PRODUCTS

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Papierbreite

Vulnerable software products

| Name         | Version | Vendor      | Product family       | Functionality                            | Is supported | License                     | Affected devices |
|--------------|---------|-------------|----------------------|--|--------------|-----------------------------|------------------|
| 7-Zip        | 21.x    | Igor Pavlov | 7-Zip                | Files Compression                        | No           | Freeware                    | 2                |
| Edge         | 110.x   | Microsoft   | Edge                 | Browser                                  | No           | MIT free license            | 2                |
| iCloud       | 1.x     | Apple       | iCloud               | Cloud storage                            | No           | subscription business model | 2                |
| iTunes       | 1.x     | Apple       | iTunes               | Media player                             | No           | Freeware                    | 2                |
| Mail         | 1.x     | Apple       | Mail                 | E-mail client                            | No           | Proprietary software        | 2                |
| Mail         | 11.x    | Apple       | Mail                 | E-mail client                            | No           | Proprietary software        | 2                |
| Office       | 1.x     | Microsoft   | Office               | Office Software                          | No           | Commercial                  | 2                |
| Office       | 5.x     | Microsoft   | Office               | Office Software                          | No           | Commercial                  | 2                |
| QuickTime    | 1.x     | Apple       | QuickTime            | Multimedia                               | No           | Freeware                    | 2                |
| QuickTime    | 10.x    | Apple       | QuickTime            | Multimedia                               | No           | Freeware                    | 2                |
| Safari       | 1.x     | Apple       | Safari               | Browser                                  | No           | Freeware                    | 2                |
| VMware Tools | 11.0.x  | VMware      | VMware Tools         | Hypervisor guest OS tools                | No           | Freeware                    | 2                |
| Illustrator  | 5.x     | Adobe       | Adobe Creative Cloud | Graphics editor                          | No           | Commercial                  | 1                |
| Mail         | 14.x    | Apple       | Mail                 | E-mail client                            | No           | Proprietary software        | 1                |
| Mail         | 16.x    | Apple       | Mail                 | E-mail client                            | No           | Proprietary software        | 1                |
| Safari       | 14.x    | Apple       | Safari               | Browser                                  | No           | Freeware                    | 1                |
| Safari       | 15.x    | Apple       | Safari               | Browser                                  | No           | Freeware                    | 1                |
| Xcode        | 13.x    | Apple       | Xcode                | Integrated Development Environment (IDE) | No           | Freeware                    | 1                |

PREVIEW PARAMETERS

Name: %  
Version: %  
Vendor: %  
Product family: %  
Functionality: %  
Is supported: Alle ausgewählt (2) X  
License: %

ZURÜCKSETZEN BESTÄTIGEN

Vulnerability Software Products report

## Other Improvements and Changes

- The loading and editing functionality of RayManageSoft Unified Endpoint Manager packages has been improved in regards of performance. [RMSC-1406](#)
- In the **Devices Details** view, the **Vulnerability** view has been improved and the search mechanism problems have been resolved. [RMSC-1397](#)
- Several translations have been improved. Most importantly, a new naming convention for desktop and computer devices has been implemented. [RMSC-1609](#) [RMSC-1410](#) [RMSC-1384](#)
- A deployment relevance filter option has been added to the device groups. [RMSC-1573](#)
- The performance of the Active Directory Azure import has been improved. [RMSC-1580](#)
- The forward function while the RayVentory integration is active has been improved. The complete upload on the managed device used to fail when forwarding failed due to connection issues. [RMSC-1564](#)

# Resolved Issues

The following issues have been resolved in RayManageSoft Unified Endpoint Manager 2.5.

- A problem with the Windows agent selector not showing the uninstallation button for packages that are not allocated anymore has been resolved. [RMSC-1162](#)
- Removing an update management policy from a device will now also remove the policy lock from the Windows Update settings of the device. [RMSC-1188](#)
- The command options in the package editor have been cleaned. Several properties had to be deprecated. [RMSC-1217](#)
- Registry entry and value display issues in the package editor have been resolved. [RMSC-1338](#)
- Creating a package (.exe) by providing a folder has been refactored. There were several adjustments to ensure that a package will be created with the correct file structure and installation command-line. [RMSC-1380](#)
- The editing dependency for unmanaged packages has been fixed. An issue with saving the product key got resolved. [RMSC-1383](#)
- Several trigger problems when working with schedule packages got resolved. The trigger As soon as possible used to not get triggered on the agent. Furthermore, editing the weekly or monthly trigger did not work in certain configuration. [RMSC-1387](#) [RMSC-1395](#) [RMSC-1396](#)
- The vulnerability counter in the device details view was incorrect. The computation problems of the relations in between product version and vulnerability have been resolved. [RMSC-1392](#)
- A validation for already existing registry value names has been added. [RMSC-1417](#)
- The Local Active Directory import and execution used to fail. The feature has been refactored and is now fully functional. [RMSC-1529](#)
- There have been UI fixes regarding the trigger editing of a schedule. [RMSC-1577](#)
- An issue with Catalog data missing the main function information for each of the Catalog products has been resolved. [RMSC-1633](#)
- Counting and filtering issues on the **Deployment state** view within the **Package details** view have been resolved. [RMSC-1665](#)



# Migrating from Previous Versions

In order to migrate RayManageSoft Unified Endpoint Manager from a previous version, follow the installation instructions described in the *RayManageSoft Unified Endpoint Manager Installation Guide*



**Be aware:**

Ensure to create a backup of your database before starting with the upgrade process!

## Integrations

When migrating from RayManageSoft Unified Endpoint Manager 2.3 or older, it will be necessary to recreate all previously configured integrations as the settings for the integrations have been changed.



# Known Issues

The following list, represents the known issues at the time of the first release of this version of RayManageSoft Unified Endpoint Manager. For a complete list of known issues in RayManageSoft Unified Endpoint Manager refer to the [Raynet Knowledge Base](#). If there are any known issues, the respective information can be found there and will be kept up-to-date.

- **Packaging of a package sometimes fails due to a MinIO connection issue**  
Sometimes, due to connection problems a change could not be uploaded to MinIO and therefore the packaging will fail. If this is the case, redo the change. In most cases, the next upload will work directly. [RMSC-1098](#)
- **Update issue when adding users to a tenant**  
After adding a user to a tenant the page will not get updated automatically. In order to update the page it needs to be manually refreshed. [RMSC-1128](#)
- **Duplicated device settings and schedules**  
When changing the defaults in the tenant settings, device settings and schedules will be duplicated. The duplicates need to be removed manually. [RMSC-1246](#)
- **No feedback when tabs contain validation errors that prevent saving**  
When editing a package and inserting invalid information into a field that will be validated, there is no information that there are errors in the tab. Clicking on the **Save** button will result in no reaction. [RMSC-1344](#)
- **Error message for circular dependencies is missing**  
When creating a circular dependency between packages by adding a dependency, only a generic error is given. It does not provide proper information towards the problem. [RMSC-1351](#)
- **The install state in the device details view gets updated regardless of the priority of the assigned group**  
The deployment state displayed per device on the device details view of the install state tab does not reflect the priority of the assignments. This means that an actual higher prioritized optimal assignment can be overwritten by a lower prioritized forced assignment. Nevertheless, the policy generated for the device is correct. [RMSC-1356](#)
- **Repetition option for the "Once" event trigger**  
The event trigger "Once" of a schedule package cannot be repeated. The option for repetition has been wrongly integrated into the UI. [RMSC-1623](#)
- **Manual deletion of scheduled tasks**  
When an integration is deleted the corresponding scheduled tasks remains and needs to be removed manually. [RMSC-1625](#)



- **No optional packages for MacOS devices**

Optional package assignments for MacOS devices are currently not supported. The selector on the agent is not available. [RMSC-1641](#)

- **No target configuration via architecture**

Target configuration via architecture is not yet supported for MacOS packages. [RMSC-1664](#)



## Additional Information

Visit [www.raynet.de](http://www.raynet.de) for further information on RayManageSoft Unified Endpoint Manager and take a look at the additional resources available at the Knowledge Base: <http://raynetgmbh.zendesk.com/>.

Raynet is looking forward to receiving feedback from your RayManageSoft Unified Endpoint Manager experience. Please contact your Raynet service partner or use the [Raynet Support Panel](#) to add your ideas or requirements to the RayManageSoft Unified Endpoint Manager development roadmap!



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