



RAYMANAGE^{SOFT}

UNIFIED ENDPOINT
MANAGER

Unified Endpoint Management

Release Notes
RayManageSoft Unified Endpoint Manager 2.3

•rayNET



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Release Notes for release 2.3

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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.



New and Optimized Standard Dashboards and Reports

The Unified Endpoint Management solution includes new and optimized standard dashboards and reports for even more transparency.

- Inventory overview
- Package status
- Assigned packages
- Assigned devices

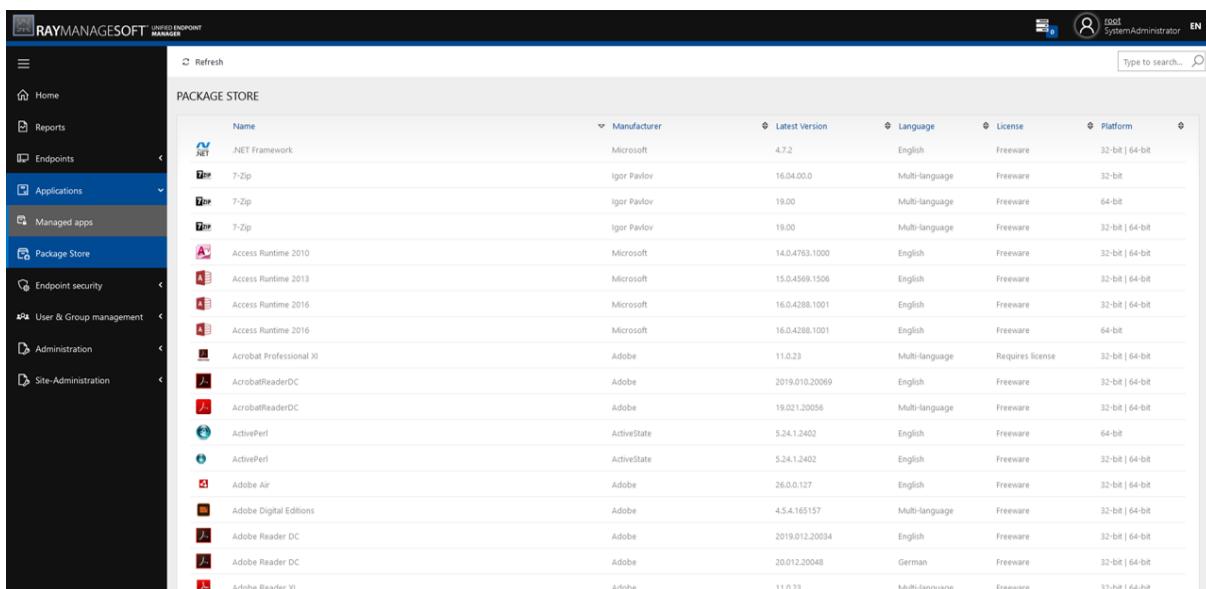
The screenshot shows the 'DEVICES' report in the RayManageSoft Unified Endpoint Manager. The left sidebar navigation includes Home, Reports (selected), Endpoints, Applications, Endpoint security, User & Group management, Administration, and Site-Administration. The main content area is titled 'REPORTS > DEVICES'. It displays a 'Device List' table with columns: Device Name, Model, Manufacturer, OS, Version, User, and Last Sync. Below the table are four data visualizations: a pie chart showing device owner types (Company: 39.36%, BYOD: 18.08%, Unknown: 42.56%), a bar chart showing the count of devices by operating system (Android, Windows, Unknown), a line chart showing the percentage of devices in a 'Compliant' state (51.49%), and a heatmap showing the distribution of devices by subscriber carrier (Vodafone IN, COSMOTE, MTS RUS, PLATI, Tele2, etc.). A search bar and a list of selected filters are also visible.



New Software Packages - Analyzed, Quality Assured, and Distributable

With the Package Store integration, you now have the possibility to integrate even more software packages. New versions are made available on a weekly basis, so the integration in this release includes more than 1,000 software packages.

Not only more preconfigured software packages available, but the overview and selection of software packages has also been configured more intuitively.



The screenshot shows the RayManageSoft Unified Endpoint Manager web interface. The left sidebar has a dark theme with white text and icons. The 'Applications' section is expanded, and 'Managed apps' and 'Package Store' are listed under it. The 'Package Store' link is highlighted with a blue background. The main content area has a light background. At the top, there's a 'PACKAGE STORE' header with a 'Refresh' button. Below it is a table with the following columns: Name, Manufacturer, Latest Version, Language, License, and Platform. The table lists various software packages, including .NET Framework, 7-Zip, Access Runtime 2010, and Adobe Reader DC, among others. Each row shows the package name, manufacturer (e.g., Microsoft, Adobe, Igor Pavlov), latest version (e.g., 4.7.2, 19.00), language (e.g., English, Multi-language), license (e.g., Freeware, Requires license), and platform (e.g., 32-bit | 64-bit). The table is scrollable, and there are navigation buttons at the bottom.

Name	Manufacturer	Latest Version	Language	License	Platform
.NET Framework	Microsoft	4.7.2	English	Freeware	32-bit 64-bit
7-Zip	Igor Pavlov	16.04.00.0	Multi-language	Freeware	32-bit
7-Zip	Igor Pavlov	19.00	Multi-language	Freeware	64-bit
7-Zip	Igor Pavlov	19.00	Multi-language	Freeware	32-bit 64-bit
Access Runtime 2010	Microsoft	14.0.4763.1000	English	Freeware	32-bit 64-bit
Access Runtime 2013	Microsoft	15.0.54569.1506	English	Freeware	32-bit 64-bit
Access Runtime 2016	Microsoft	16.0.4288.1001	English	Freeware	32-bit 64-bit
Access Runtime 2016	Microsoft	16.0.4288.1001	English	Freeware	64-bit
Acrobat Professional X0	Adobe	11.0.23	Multi-language	Requires license	32-bit 64-bit
AcrobatReaderDC	Adobe	2019.010.20069	English	Freeware	32-bit 64-bit
AcrobatReaderDC	Adobe	19.021.20056	Multi-language	Freeware	32-bit 64-bit
ActivePerl	ActiveState	5.24.1.2402	English	Freeware	64-bit
ActivePerl	ActiveState	5.24.1.2402	English	Freeware	32-bit 64-bit
Adobe Air	Adobe	26.0.0.127	English	Freeware	32-bit 64-bit
Adobe Digital Editions	Adobe	4.5.4.165157	Multi-language	Freeware	32-bit 64-bit
Adobe Reader DC	Adobe	2019.012.20034	English	Freeware	32-bit 64-bit
Adobe Reader DC	Adobe	20.012.20048	German	Freeware	32-bit 64-bit
Adobe Reader XI	Adobe	11.0.23	Multi-language	Freeware	32-bit 64-bit



Extended Update Management

In this version, there are even more possibilities for the update management to set configurations and settings directly in the UI, with an intelligent wizard.

The update management enables admins to automatically manage and apply updates for managed devices. It is possible to schedule the update process to the specific needs of the enterprise.

The update management eases and unifies the handling of Windows Updates throughout your company. Select details like the servicing channel and specify the needed components using the comprehensive overview of the available options provided by the RayManageSoft Unified Endpoint Manager Update Management. This gives administrations full control over the update process in the company at all times.

The screenshot shows the RayManageSoft Unified Endpoint Manager web interface. The left sidebar is dark with white text and icons, showing navigation links like Home, Reports, Endpoints, Applications, Endpoint security, Update management (which is selected and highlighted in blue), Firewall, Antivirus, Disk encryption, Endpoint detection, User & Group management, Administration, and Site-Administration. The main content area has a light gray background. At the top, it says 'UPDATE MANAGEMENT > PRODUCTION DEVICE UPDATE SETTINGS'. Below this, there are two tabs: 'Settings' (selected) and 'User Experience'. The 'Settings' tab contains several configuration options with descriptions:

- Windows Update**: Yes. Enables or disables the windows update functionality on a device. This option should only be disabled in case you have a custom patch management solution in place.
- Servicing Channel**: Semi-Annual Channel. The branch readiness level enables administrators to specify which channel of feature updates the device should receive.
- Microsoft product updates**: Yes. Consider updates for other Microsoft products, such as versions of Office that are installed by using Windows Installer (MSI). Versions of Office that are installed by using Click-to-Run can't be updated by using Windows Update for Business. Product updates are off by default.
- Windows driver updates**: Yes. Consider updates for non-Microsoft drivers that are relevant to the devices (e.g. graphics drivers). Driver updates are on by default, but you can turn them off if you prefer.
- Quality update deferral period (days)**: 15. Defer quality updates for the specified number of days.
- Feature update deferral period (days)**: 15. Defer feature updates for the specified number of days.



Extended Data Management

The integration of different data sources (SaaS, PaaS, IaaS, and on premises) as well as the preparation of clear dashboards and reports are core functionalities. It offers sustainable data and SaaS management.

Due to the high flexibility and automation, you achieve a fully comprehensive overview of your IT infrastructure, such as information about your IT devices as well as your cloud and SaaS usage in the shortest time possible.

This version brings several new connectors: Microsoft Dynamics CRM, Microsoft Azure AD, RedHat Virtualization, and Slack.

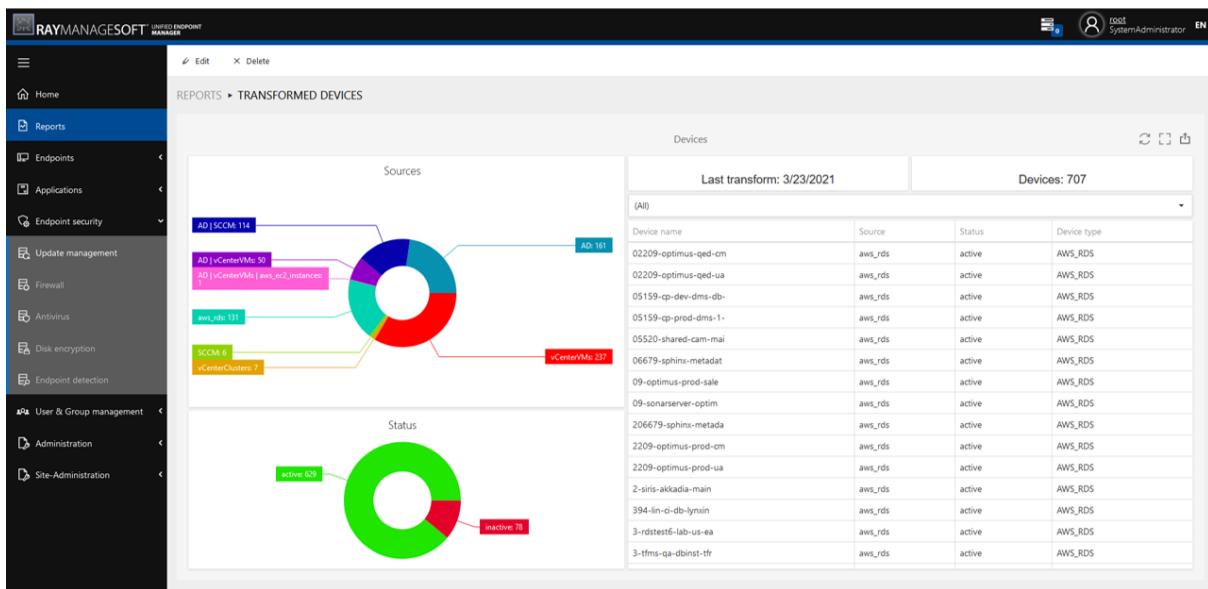
CONNECTORS			
Active Directory Version 12.2.202101.0	Adobe Acrobat Version 12.2.202101.0	Adobe Connect Version 12.2.202101.0	Adobe Sign Version 12.2.202101.0
Amazon Relational Database Service Version 12.2.202101.0	Amazon Simple Storage Service (S3) Version 12.2.202101.0	Atlassian Jira Version 12.2.202101.0	Atlassian Jira (Cloud) Version 12.2.48.95
CrowdStrike Falcon Version 12.2.202101.0	Data Transformation Version 12.2.21.95	Datadog Version 12.2.202101.0	DocuSign Version 12.2.202101.0
Figure Eight Version 12.2.202101.0	Filewave Version 12.2.202101.0	Freshdesk Version 12.2.202101.0	GitHub Version 12.2.202101.0
HP Universal CMDB Version 12.2.202101.0	IBM License Metric Tool Version 12.2.202101.0	Intralinks Platform Version 12.2.202101.0	Intralinks Via Version 12.2.202101.0
Jamf Version 12.2.202101.0	Knowledge Security Awareness Training Version 12.2.202101.0	Logz.io Version 12.2.202101.0	Microsoft Azure Active Directory Version 12.2.202101.0
Microsoft Intune Version 12.2.202101.0	Microsoft Office 365 Version 12.2.202101.0	Microsoft Office 365 Signins Version 12.2.202101.0	Microsoft Azure Compute Version 12.2.202101.0
New Relic	ODBC	PagerDuty	PowerShell
Qlik Sense	QuickBooks TSheets		



ETL Technology

The challenge of differently structured data sources is solved via the integrated ETL process. Here, the data is extracted (Extract), transformed (Transform), and loaded (Load) into a target database.

As a result, information is provided to various stakeholders in a targeted way. In doing so, you can independently determine, for example, the level of detail and the right time for providing the information.





Azure Active Directory Integration

If Azure Active Directory is already being used in your company it is easy to reuse the already existing structure for RayManageSoft Unified Endpoint Manager by using the Azure Active Directory integration which is available in RayManageSoft Unified Endpoint Manager. The integration can be easily set up in a tenant.

Once the integration has been configured, it is easy to keep the environment synchronized if desired. If for some reason RayManageSoft Unified Endpoint Manager to be asynchronous with the Azure Active Directory, this can also be done by using a simple switch that is available in the configuration.



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.



Be aware:

While is possible to install the product in both cloud- and on-premises environments, both approaches still require a valid network storage for the files that get distributed to managed devices.

Prerequisites

- Docker Images for RayManageSoft Unified Endpoint Manager. These must be provided by Raynet, as they are not contained within publicly available Docker registries.
- Docker for Windows (onsite installation)
- Microsoft SQL Server
 - The server must be reachable from the Docker environment.
- A network 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 Windows docker images, make sure to switch to Docker to **Windows Containers** mode. You won't be able to pull the images when running **Linux Containers**.



Known Issues

For a 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.

RayManageSoft Unified Endpoint Manager is part of the RaySuite

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