

RayPack Release Notes 2.0 SP1



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RayPack Release Notes

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Introduction

RayPack 2.0 SP1 is the next iteration of Raynet's framework for the creation and management of software packages. It is designed to support a broad variety of package formats, target operating systems and deployment systems. RayPack is available as a stand-alone product as well as having the ability to be integrated into the RaySuite solution powered by RayFlow.



Enterprise Application Lifecycle Management

The RayPack components allow enterprises to implement well-structured processes, which control package evaluation, creation, manipulation, import, export, validation, storage, and deployment.

In the upcoming 2.0 SP1 release, Raynet introduces core components of the framework, which allow users to create MSI packages from scratch or build them based upon the result of installation capturing processes on Windows platforms. It is also possible to extend standard installations with transform files (MST), and edit their native contents, prepare MSP patches and to create App-V, ThinApp and SWV packages.

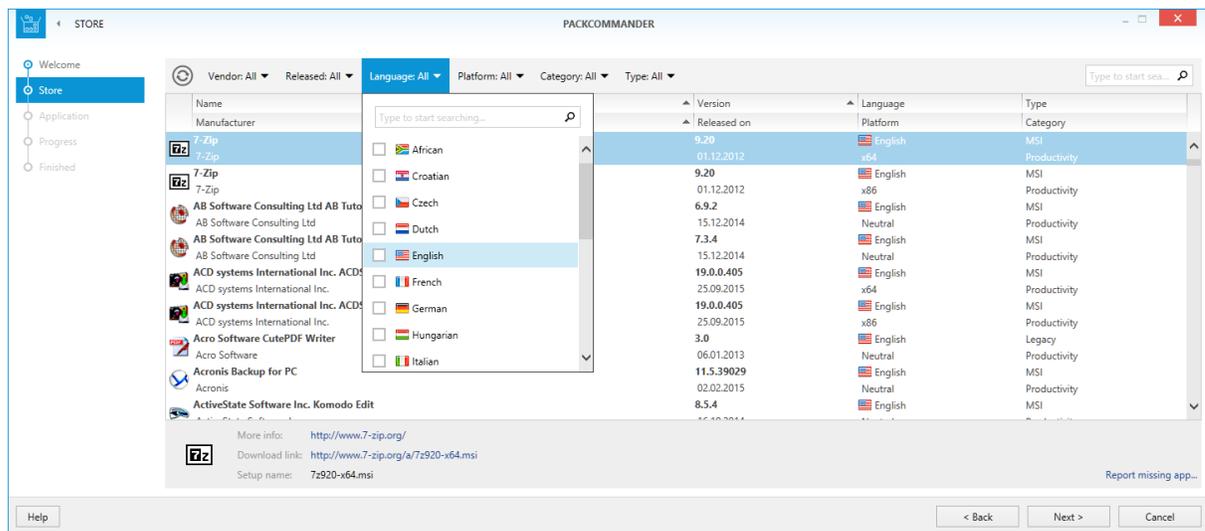
What's new in RayPack 2.0 SP1?

New features

PackCommander - package discovery, download and tuning [RPK-1775]

The new **discover + download packages** menu provides access to tools speeding up packaging of typical and highly repetitive applications, as well as discovery of recent updates.

The store view shows the list of available software resources in a functional and customizable manner. It can be sorted using various criteria, including release dates, vendor, category, language, platform etc.

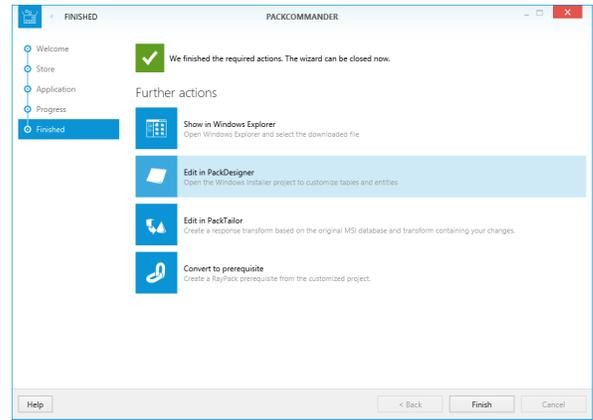
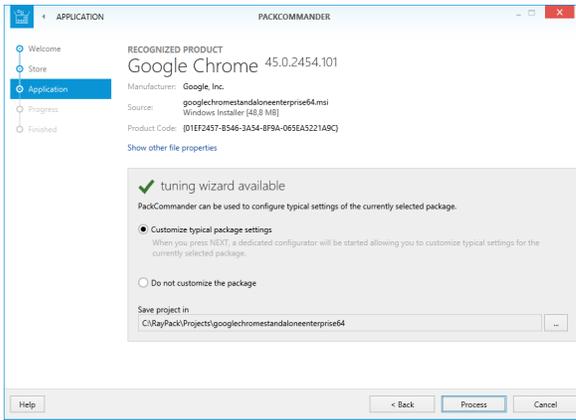


Packages can be quickly downloaded from official vendor websites.



Note:

This functionality requires additional license components.

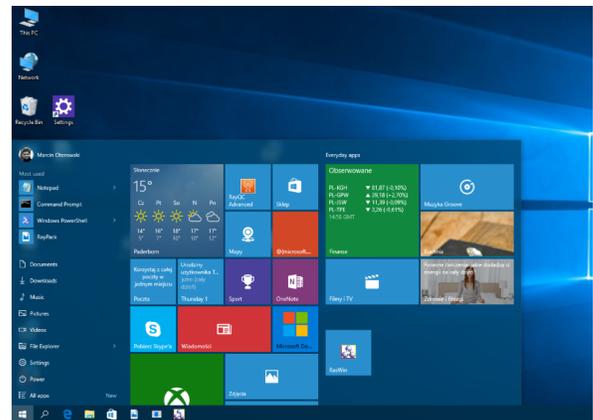
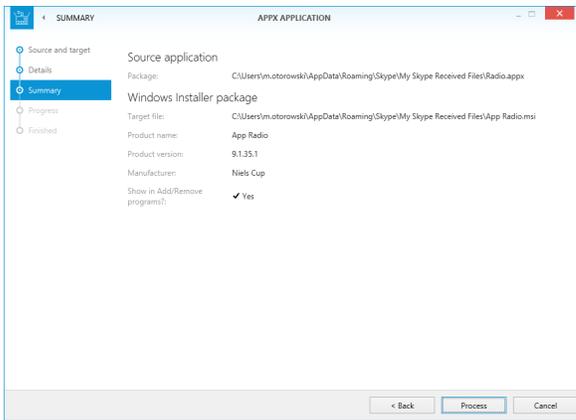


Discovered applications can be customized and saved as deployment-ready packages in no time. For many popular software versions, wizards are provided for easy one-click configuration. Several generic installation methods can be recognized and used to automatically generate silent command line switches.

After initial customization, packages can be further tweaked or repackaged. This way enterprise-specific features can be easily applied on top of deployment-ready packages, including branding, customized registry information, advanced custom actions etc.

Import wizard for Universal (Windows 10) and Modern Windows (8.1 + 10) applications [RPK-1777]

RayPack 2.0 SP1 contains a new import wizard, allowing packagers to create Windows Installer based packages that side-load Universal and Modern Applications (in .appx format). Side-loaded applications are accessible by all users. Installing Universal / Modern apps has never been simpler, with no need to set up a rather complex infrastructure.

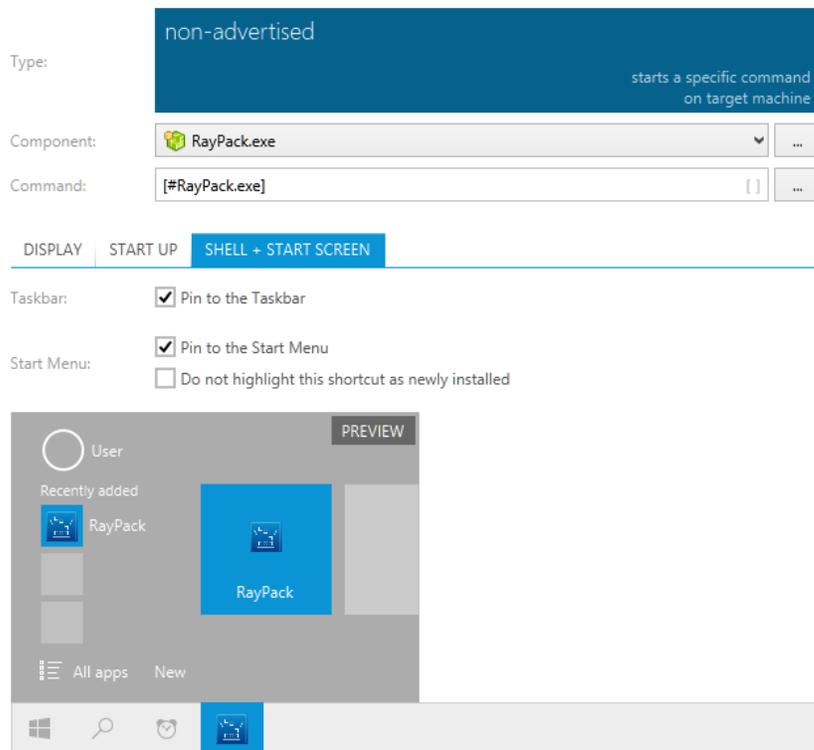


The import wizard offers simple guided steps, after which a new Windows Installer project is created. It can be freely customized using advanced capabilities of PackDesigner.

Universal and modern applications are installed right-away, for all users.

Extended shortcut behavior, support for Windows 10 Start Menu [RPK-1778]

Shortcuts can be easily pinned to Start Screen / Start Menu or Windows Taskbar. New options are available in a new tab **SHELL + START SCREEN** that has been added to the shortcut management view of the Visual Designer Mode in PackDesigner.



Also, RayPack allows to configure a shortcut so that it will be not displayed within the *Recently added* section, allowing to keep the desktop experience less cluttered in managed environments. This approach matches the Microsoft strategy of minimal shortcut presence on essential OS navigation zones.

Other improvements

- RayPack 2.0 SP1 produces App-V 5.1 compatible packages. [RPK-1819]
- It is possible to import and export binary streams directly from the `Binary` and `Icon` tables [RPK-1612]
- Importing binary resources and icons is now much easier thanks to the redesigned Resource wizard [RPK-1763]
- The New Project screen has been redesigned and offers a better overview of available tools and actions [RPK-1817]
- Standalone (remote) repackager is now easier to use - it can automatically apply a correct license when running from shared locations or flash drives [RPK-1815]

- Ability to set installation folder (INSTALLDIR) directly from a context menu in the Files and Folders view [RPK-1759]
- Added support for MSI Billboards within the User Dialog Editor [RPK-1754]
- Improvements to sequence generation for new Custom Actions [RPK-1771]
- Extended list of predefined AppSearch items and prerequisites [RPK-1779]

Resolved issues

- RPK-1828: File import may crash with certain combinations of project UNC paths.
- RPK-1827: Incorrect handling of build paths containing braces.
- RPK-1826: Custom Action permission flag set to immediate execution.
- RPK-1824: It is possible to use invalid characters in PackRecorder project names.
- RPK-1823: `Default.profile` from PackPoint is getting values overridden by environment initialization service on first RayPack launch.
- RPK-1814: Changing the source path of linked folders is ignored when changes are applied.
- RPK-1796: New line character combination is not preserved during text replacement CA.
- RPK-1795: When using "Save as" functionality, files stored in relative folders are not automatically copied to a new location.
- RPK-1764: Dialog tree is empty when project is opened from RayFlow.
- RPK-1762: Row reference tracking does not show correct results for Control/Dialog references.
- RPK-1757: Improved AppSearch behavior.
- RPK-1755: Wrong UTF characters after importing a Reg4 file with expandable string values.
- RPK-1748: The summary page in TXT replacement wizard shows empty value for "Include files" option.
- RPK-1744: Crash to desktop on collision test execution on MSI.
- RPK-1718: When creating features for an RPP from RCP the created Features are marked as optional.
- RPK-1671: Improved detection of Wise Package Studio instances.
- RPK-1661: Settings -> Projects, the "Use a template for new RPP projects" has a check box that cannot be disabled / enabled.
- RPK-1577: Reset of active filters in PackDesigner > Files & Folders is not performed when a new file is opened.
- RPK-1497: Incorrect focus after clicking on Import file(s)... menu item.
- RPK-1473: Unnecessary comma at the last position of service dependencies.
- RPK-1461: More information link in `RPPPermissions` table column Attributes is not working.
- RPK-1460: MIME creation from Extension view does not establish relation between new Mime and

selected extension.

- RPK-1414: Behavior of "Open the license wizard" button on the LICENSE AND EDITION tab is confusing.
- RPK-1397: Table and Advanced view are not in sync.
- RPK-1185: Broken MSI formatted string selector interface within Create SQL Script wizard step 3.
- RPK-1184: Auto-generated SQL Script Sequence values are inconvenient.
- RPK-1130: Incorrect window label of the New Environment Variable Wizard.
- RPK-1110: Registry value icons are not consistent in PackDesigner and PackRecorder.
- RPK-1081: File name is not focused when creating non-advertised shortcuts.
- RPK-1075: Open containing folder inside Merge module wizard doesn't work if MM are excluded during installation.
- RPK-1017: Pressing enter when changing the path in Saving output view automatically activates the Finish button as well.
- RPK-807: Useless checkbox when there is no license for PackDesigner.
- RPK-792: Imprecise warning when generating MST from MSI without changes.
- RPK-572: Not all service-related information is shown in the UI neither converted to MSI/RPP.
- RPK-548: Missing Custom Action name update on auto-correction.
- RPK-526: Unnecessary last wizard page in Custom Action wizard.
- RPK-465: Incorrect wording of feature relation messages in COMPONENTS view.
- RPK-464: Obsolete rename patter for a component name in COMPONENTS view.
- RPK-436: Adding an icon to a Shortcut (instead of Resources) imports the complete dll / exe.
- RPK-281: Unnecessary GO TO ROW button in services view.
- RPK-240: Adding a new special folder collapses the entire tree.

Known issues

The following list is a summary of known issues present in RayPack 2.0 SP1:

- Pinning to start screen is supported only for the following operating systems (Windows 8.1 is not supported due to Microsoft's decision to restrict its API capabilities)
 - Windows 7
 - Windows 8
 - Windows 10
- PackCommander is a separate module requiring additional license. Refer to <http://raypack.net/packcommander> for more information.
- For the list of other known-issues, refer to corresponding KB articles in our Knowledge Base.

Migration

Migration from 2.0 to 2.0 SP1

The migration from version 2.0 is a straightforward process. In order to migrate, simply start the setup of the RayPack 2.0 SP1 installation media.

It is recommended to install RayPack 2.0 SP1 on a clean machine having no previous version of PackPoint. Clean install ensures the newest adjustments and enhancements will be enabled out-of-the-box. If you want to re-generate the PackPoint content from 2.0 SP1 resources, simply remove the PackPoint folder (C:\RayPack\PackPoint by default) and re-run RayPack 2.0 SP1. The User Guide contains further information about command line interface of RpCmd.exe tool, which also provides PackPoint management capabilities.

When a previous version of PackPoint is detected during the installation, 2.0 SP1 will offer an upgrade option.

LICENSING

- **New licensed feature for PackCommander, PowerShell Custom Action, Universal Apps Import Wizard and Linked folders**

If you are migrating from RayPack 2.0 or earlier, your license data does not contain the necessary information to activate these features, making them inaccessible via RayPack UI. In this case simply reactivate RayPack using the same order number, and the necessary license information will be automatically downloaded from the server.

Migration from older version

Refer to Product Knowledge Base for information about migration paths from version 1.4 and older.

Troubleshooting

If you experience abnormal symptoms (like program not starting, missing features etc.) after the upgrade, we highly recommend to perform the clean installation of RayPack 2.0 SP1. In order to do that, please perform the following steps:

- 1) Locate your product order number. If you can't find it, contact our support.
- 2) Make a backup of your license file (by default installed to C:\Program Files (x86)\RayPack*.license)
- 3) Uninstall the previous version of RayPack
- 4) Delete the content of the installation folder (by default C:\Program Files (x86)\RayPack)
- 5) Install RayPack 2.0 SP1.
- 6) Start the main application (raypack.exe) to re-activate RayPack again.

If the issues are not resolved after performing the steps described above, the following steps will revert the profile to the original state:

7) Close RayPack

8) Backup and then remove the content of the following folders:

- %AppData%\RayPack
- AppData\Local\Raynet
- Optionally, you can also revert the PackPoint to the default state by removing the PackPoint folder (standard installation path is C:\RayPack\PackPoint)

9) Start RayPack again.

If the procedures given above did not resolve the issue, please contact our support.

System Requirements

Hardware Requirements

This section lists the minimal hardware requirements for devices running RayPack.

Minimal

- Screen resolution: 1024 x 768 pixels
- Color settings: 16 bit
- RAM: 2GB
- Disk space: 10GB

Recommended

- Screen resolution: 1280 x 1024 pixels
- Color settings: 32 bit
- RAM: 4GB or higher
- Disk space: 100GB or more

**Note:**

The installation of the RayPack framework itself requires about 100MB of disk space. The amount of additional space needed depends on the volume of your packaging material and the location of the data store.

Supported OS

The following operating systems are supported for the installation and running of RayPack.

- Windows Server 2003 R2 Server
- Windows Server 2003 SP2
- Windows Server 2008 R2
- Windows Server 2008 SP1-SP2
- Windows Server 2012
- Windows Server 2012 R2
- Windows Server 2016
- Windows XP Professional SP3
- Windows Vista
- Windows 7
- Windows 8
- Windows 8.1
- Windows 10

**Note:**

Packages generated with RayPack have their own, individual set of target OS. The list above is not designed to display which target OS are reachable by RayPack packages.

Prerequisite Software

- .NET 4.0 Client & Full for Windows XP up to Windows 7 systems (both 32bit and 64bit)

Virtualization pack prerequisites

- In order to create SWV packages, the Symantec Workspace Virtualization Agent 7.5 has to be installed on the packaging machine.
- In order to create Thin-App packages, the VMware ThinApp has to be installed on the packaging machine.

**Note:**

It is recommended to install RayPack on a virtual machine. This allows the packaging machine to always be in a "clean state" and ensures that any packages created are not "polluted" with information (files, registry keys etc.) from other sources other than the package that is to be packaged.

PackCommander

Contact our Support / Sales to obtain a license for PackCommander module.

Additional Information

Visit www.raypack.net for further information regarding the product and current community incentives. It's also recommended taking a look at additional resources available at the Knowledge Base for Raynet products: <http://knowledgebase.raypack.net>

Raynet is looking forward to receiving your feedback from your RayPack experience. Please contact your Raynet service partner or write an e-mail to beta@raypack.net to add your ideas or requirements to the RayPack development roadmap!

Our Raynet support team gladly assists you on any question or issue you encounter regarding RayPack. Feel free to sign in and open incidents via our Raynet support panel, or by simply sending an email to support@raynet.de if you are an already registered Raynet customer.

RayPack is part of the RaySuite

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