

# RayPack 8.0

## 8.0.7276.3471 [Update 1] [↗](#)

Released on [Jun 27, 2025](#)

### Optional Telemetry Support [RPACK-43](#) [↗](#)

To help us improve your experience and ensure the continued stability and performance of our product, we've introduced a new telemetry feature. When enabled, it allows the application to securely send anonymized usage data and technical diagnostics to our team.

Your privacy remains our priority. Telemetry is fully optional and can be enabled or disabled at any time in the settings. No personal or identifiable information is collected.

This data helps us:

- Identify and fix issues more efficiently
- Understand how features are used
- Prioritize future improvements based on real-world usage

We appreciate your support in helping us make the product better - on your terms.

### Improvements [↗](#)

- Added support for handling root node with custom attributes [RPACK-94](#)
- Updated target platforms versions in MSIX PackDesigner [RPACK-129](#)
- All views in PackRecorder / PackDesigner now redirect correctly to their respective help documentation pages, for both RCP, RPP and RPPX projects [RPACK-50](#) [RPACK-38](#)
- The feedback module in RayPack is now fully translated into the Polish version [RPACK-135](#)

### Resolved Issues [↗](#)

- Files counter now works properly for MSIX packages, displaying accurate file counts in all relevant views [RPACK-120](#)
- RayPack can now successfully import packages from the PackageStore even when the project name includes invalid characters like `|` . [RPACK-104](#)
- An `InvalidOperationException` no longer occurs when removing applications after adding startup tasks in an RPPX project [RPACK-68](#)
- The `NullReferenceException` encountered when adding new registry keys and values in RayPack has been resolved [RPACK-66](#)
- Quotation marks are no longer missing in Shortcut parameters when building from RCP to RPP [RPACK-59](#)
- Users can now successfully drag and drop files into parent directories in Pack Designer (RPP) [RPACK-42](#)
- All `.cmd` files are now correctly present in the project directory when creating a new PS1 project [RPACK-139](#)
- PackWrapper's new template implementation now correctly copies custom files from the main directory into the project directory [RPACK-142](#)
- The "Use Restart Manager" checkbox is now checked by default, aligning with Microsoft's documentation for the `MSIRESTARTMANAGERCONTROL` property [RPACK-141](#)
- The new installation directory window now has appropriate margins, resolving the issue of the "Add or import..." button melting into the application style [RPACK-136](#)
- The `Set-RegistryKey` function in PSADT now correctly reflects all input fields, including value and type, in the manifest [RPACK-138](#)

- The "Install MSI action" now behaves correctly with MST and MSP files, allowing proper deletion and persistent display in the UI **RPACK-140**
- The scrollbar in the build options view is now positioned correctly **RPACK-137**
- Project numbers are now auto-incremented correctly when creating new empty projects, even after a project with the default name has been created **RPACK-36**

## 8.0.7240.3467 [🔗](#)

Released on Oct 15, 2024

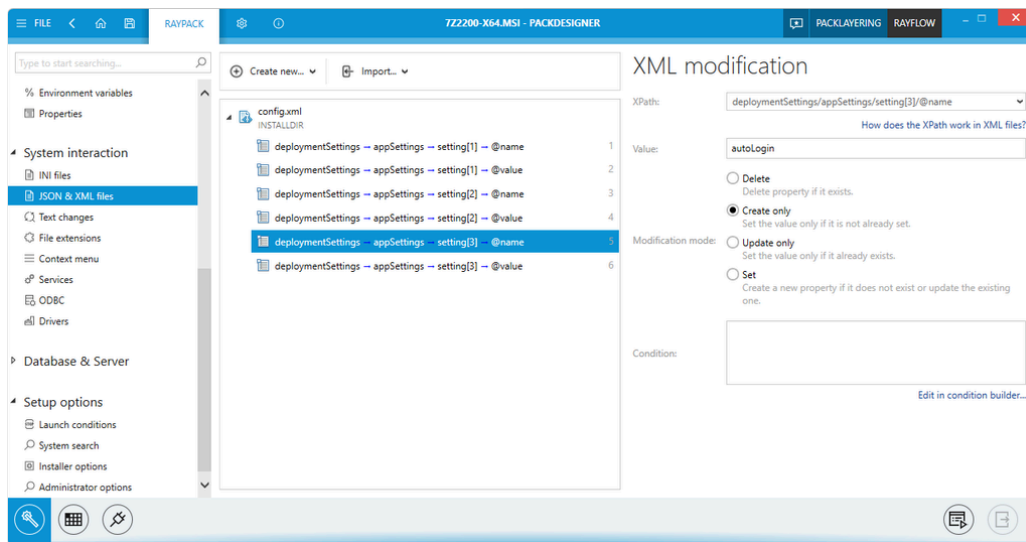
### Easy Editing of XML and JSON Files **RPK-4891** **RPK-4891** [🔗](#)

This release brings a powerful new feature to RayPack: native XML and JSON editing capabilities for MSI files. In previous versions, modifications to XML and JSON files relied on basic text replacement methods. While functional, this approach lacked the precision needed to respect the exact structure and rules of these file types, which made it easy to accidentally break configurations.

Typical places where XML or JSON editing would be required:

- Configuration files (like `appsettings.json` or similar)
- User- or machine-specific program settings
- Plug-ins and extensions.

In RayPack 8.0, we introduce an extension to the Windows Installer that extends its capabilities to include JSON/XML modifications. The feature allows the user to define individual nodes, keys, values, arrays, and also supports hybrid scenarios (partial content set as is with local modifications applied, etc.).



Defining XML or JSON changes has never been easier, all from this centralized view.

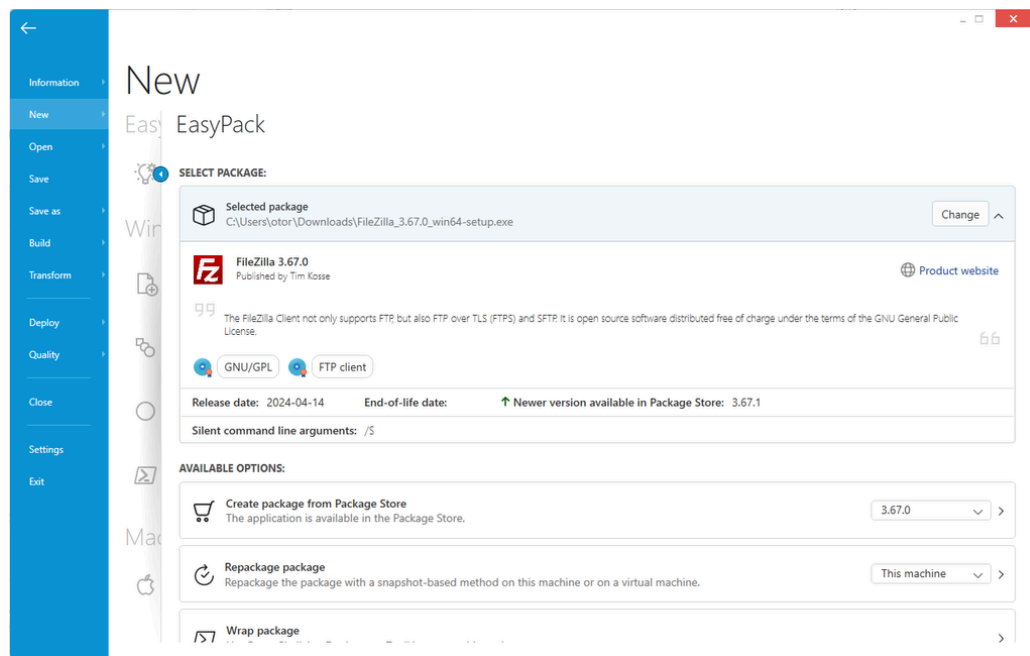
Now, with native editing, users can take advantage of a built-in visual designer to specify the exact XML or JSON structure they need. RayPack automatically generates and applies a custom action to implement these changes, ensuring that the integrity of original files remains intact.

### EasyPack Now Integrates Seamlessly with Package Store and Technology Catalog **RPK-4790**

**RPK-4789** [🔗](#)

RayPack now offers extended integration with Package Store and Technology Catalog through the Easy Pack wizard. These enhancements enrich the user experience when starting with a new product, whether you're repackaging, adjusting MST files, or

building PSADT scripts.



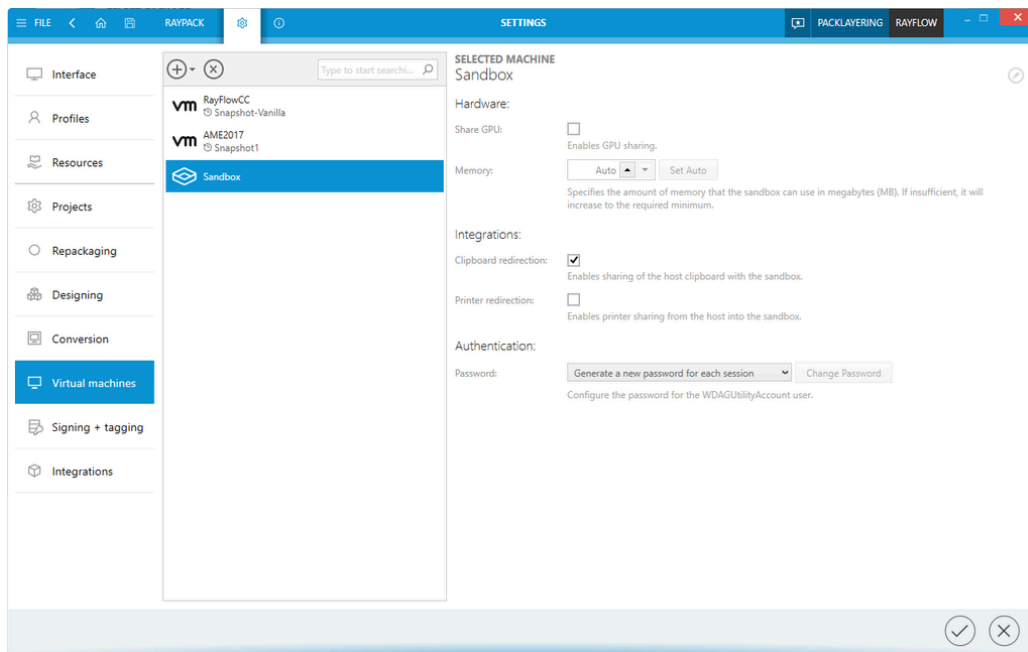
Once a setup is selected, the combined Technology Catalog and Package Store information is displayed. The user can see the license type, functionality, silent command-line arguments, release information, and information about other available versions (including updates).

These updates simplify the process of getting started with new products and ensure you have all the necessary tools and information at your fingertips for a faster start and processing of typical packaging activities. These include::

- Detailed information about the product
- List of known product vulnerabilities to help with risk management.
- Option to directly obtain pre-configured packages from the Package Store, saving time on setup.
- Additional insights such as support information, release dates, and other relevant product details.

## Repackaging with Windows Sandbox RPK-4632 [🔗](#)

RayPack now supports repackaging within Windows Sandbox, expanding deployment options beyond the previous support for Workstation and vSphere + Hyper-V environments. This new capability allows users to leverage Windows Sandbox for a more lightweight and isolated environment for repackaging tasks.

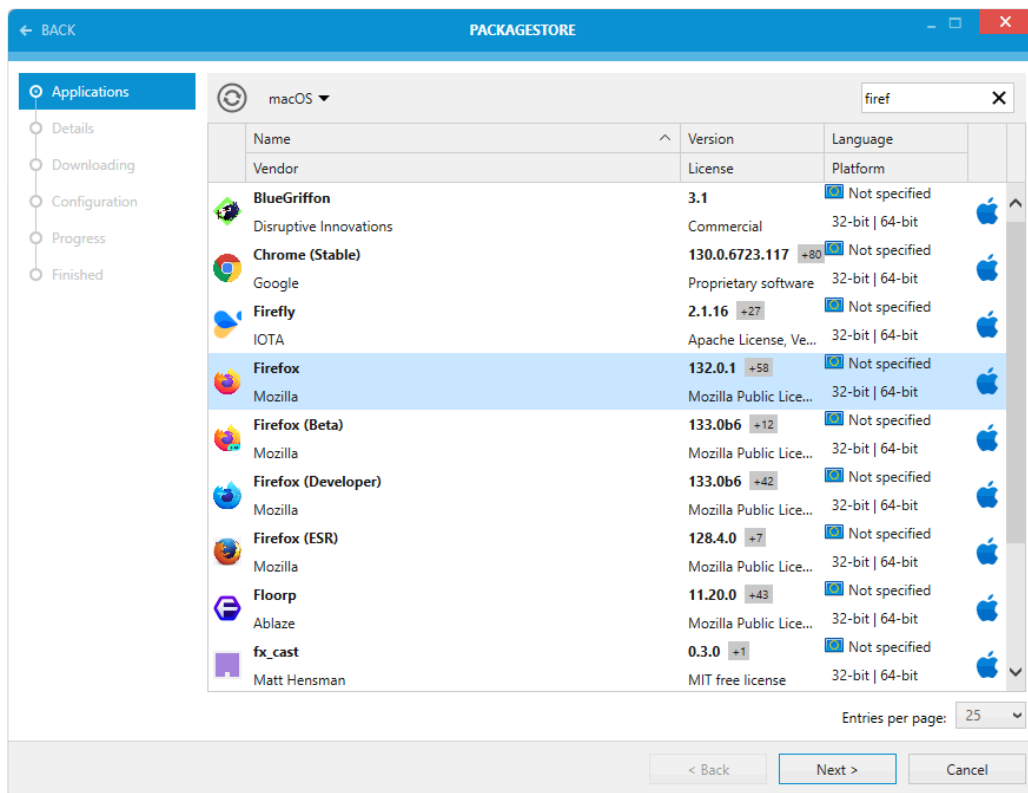


Sandbox is now available as a possible repackaging target. This setting is used by many components, including PackRecorder, PackBot, PackTailor, etc.

With Windows Sandbox, you can now perform repackaging more efficiently and securely, without the need for a full virtual machine setup.

## MacOS Packages are Now Supported by the Package Store Wizard RPK-4767 [🔗](#)

The Package Store wizard has been expanded to support macOS packages (DMG/PKG), adding to its existing capabilities on Windows. Now, with just a few clicks, you can create macOS packages directly within the wizard, just as it was previously possible with more than 80K different Windows packages.



Filter the list by platform and automatically create MacOS packages in DMG or PKG format.

Whether you're managing apps across multiple operating systems or focusing on macOS distribution, the wizard simplifies package generation and deployment, saving time and ensuring consistency across platforms.

**i** Package Store provides royalty-free access to thousands of packages for Windows and MacOS. The component is licensed separately.

## PSADT Updated to Version 3.9.0 RPK-4735 [🔗](#)

With PSADT (PowerShell AppDeployment Toolkit) version 3.9.0, RayPack users gain access to the latest toolkit capabilities, making application deployment through PowerShell smoother and more efficient. As always, the default templates are fully customizable and can be extended to meet your needs. Future updates to PSADT, including any new features or changes, can be integrated effortlessly, ensuring your deployment process remains up-to-date without unnecessary hassle.

## Enhanced Intune Detection Key Settings. RPK-4940 [🔗](#)

RayPack now offers improved support for Microsoft Intune, allowing more flexibility in configuring detection rules. In previous versions, Intune relied on a dynamically generated registry key for application detection upon package upload. With this update, RayPack can now use a more user-friendly registry key as a detection rule when the "Detection Branding" option is selected in the package settings. This new approach aligns with the internal characteristics of packaging across our other products, making detection rules easier to manage and more readable.

For scenarios where "Detection Branding" is not selected, RayPack will continue to apply the existing detection method. The update also expands RayPack's detection capabilities, where extra checks are automatically created, based on the Package Store content.

## Support for Large Packages (>4GB) When Publishing to Intune RPK-4797 RPK-4886 ZEN-26232 [🔗](#)

RayPack now supports publishing packages larger than 4GB to Microsoft Intune. Previously, there was an undocumented limitation that prevented the upload of packages exceeding this size. With this update, RayPack ensures that large packages can be successfully uploaded and published to Intune, overcoming the previous file size constraints.

## Better Repackaging Logic [🔗](#)

In this version, a lot of improvements have been made to our repackaging module PackRecorder:

- Added a useful context menu to explore excluded and missing items. This is particularly useful when reviewing projects that have been repackaged on another machine, where certain resources may not have been copied. RPK-4863
- An extension to the previous one, if a file cannot be copied from the source machine (for example - the resource is blocked by a file system, antivirus, etc.), then the actual win32 error code is stored in the RCP project for further analysis. RPK-4861
- It is now possible to control the automatic exclusion of services, giving the user more control over the result of the repackaging. RPK-4961
- The content put in 64-bit folders is now automatically marked as 64-bit on the component level. RPK-4656
- Component residing in System32 and its subfolders are now automatically marked as permanent. RPK-4657
- Improved handling of packages with long file names (LFN). RPK-5060
- Improved logic for creating features. This should result in a more optimal feature setup, especially for smaller packages. RPK-4998
- Better conversion of INI entries. RPK-4622

## RPP Projects Can Be Now Saved as Binary MSI-like Files RPK-4671 [🔗](#)

In this version, you now have the flexibility to choose between XML and binary formats for RPP project files. Previously, these project files were XML-based, which limited compatibility with VBS scripts and other MSI-compatible tools.

Product name  
Raynet One Data Hub

Version  
14.0

Manufacturer  
Raynet GmbH

Language  
English - United States

Complexity  
24 / 100

What is this index about?

Project type  
RPP (XML)  
[Change to Binary format.](#)

## Project overview

Files and folders 429+69	INI files 0	Environment variables 0	Services 0
Registries 14	Shortcuts 0	ODBC entries 0	Drivers 0
Merge Modules 0	Add/Remove Programs 0	Tables 63	Features 2
Components 439	Custom Actions 40		

RPP project in XML mode. There is a button to switch to a binary mode instead.

From this version, you can select the format that best suits your needs: XML for easier version control and text editing, or binary for seamless interoperability with MSI-based tools.

## Extended PowerShell MSI Automation RPK-3257 RPK-4998 [🔗](#)

PowerShell module is now even more powerful, with the addition of a new command let to automate MST transform creation. In addition, new dedicated command lets can be used to read and update the summary information stream.

```
Jupyter Notebook  x  C:\...\RayPack\Libraries  x  +  -  □  x
C:\Program Files\WindowsApps\11560RaynetGmbH.RayPack_8.0.7240.0_neutral__kvq26649fk54a\VFS\Program
FilesX86\RayPack\Libraries [11:55]
> Import-Module .\Raynet.RayPack.Automation.dll
C:\Program Files\WindowsApps\11560RaynetGmbH.RayPack_8.0.7240.0_neutral__kvq26649fk54a\VFS\Program
FilesX86\RayPack\Libraries [11:55]
> Get-Help Set-SummaryInfo

NAME
    Set-SummaryInfo

SYNTAX
    Set-SummaryInfo [-Project] <RayPackFile> [-Property] {Title | Subject | Author | Keywords | Comments | Template |
Architecture | Language | RevisionNumber | PackageCode | LastPrintTime | CreateTime | CodePage | PageCount |
WordCount | CharacterCount | Security} [[-Value] <string>] [-WhatIf] [-Confirm] [<CommonParameters>]

    Set-SummaryInfo [-Project] <RayPackFile> [-SummaryInfo] <SummaryInfoData> [-WhatIf] [-Confirm] [<CommonParameters>]

ALIASES
    None

REMARKS
    None

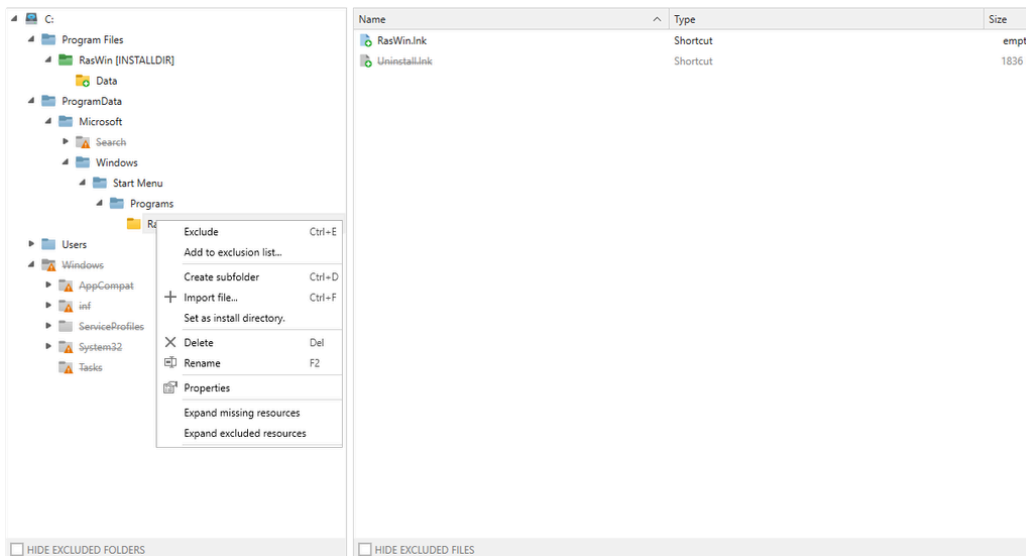
C:\Program Files\WindowsApps\11560RaynetGmbH.RayPack_8.0.7240.0_neutral__kvq26649fk54a\VFS\Program
FilesX86\RayPack\Libraries [11:55]
> |
```

One of the newly added command lets to handle Summary Information Streams.

## Permanent File Deletion from RCP projects RPK-4864 [🔗](#)

RayPack now supports permanent file and folder deletion in RCP projects using PackRecorder. In previous versions, resources could be excluded, but deeper clean-up was not possible, leaving behind files. While this was consistent with the purpose of repackaging, we received some complaints about the need for cleanup in the form of actual deletions, not just exclusion of items. With this new feature, power users can now completely remove obsolete resources, ensuring that only the relevant files remain in the project.

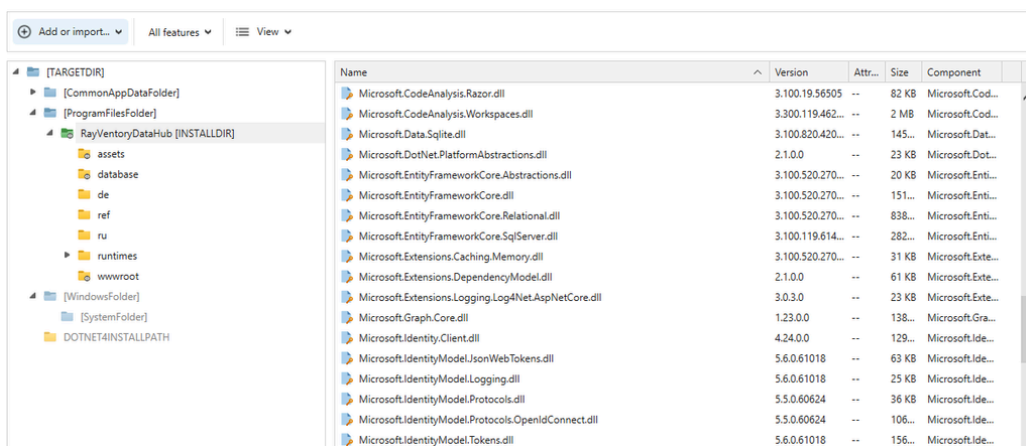




New options in the context menu - the ability to remove resources. Also note the presence of extra entries for easier navigation - expanding to missing and expanding excluded resources.

## New Styles and Colors for Grids, Tree-views and Icon RPK-4971 RPK-4847 RPK-4865 [🔗](#)

In this build we upgraded global visual styles of our grids and icons. The new experience should be faster, offer a cleaner look and feel, and provide a better color set, including a better accessibility.

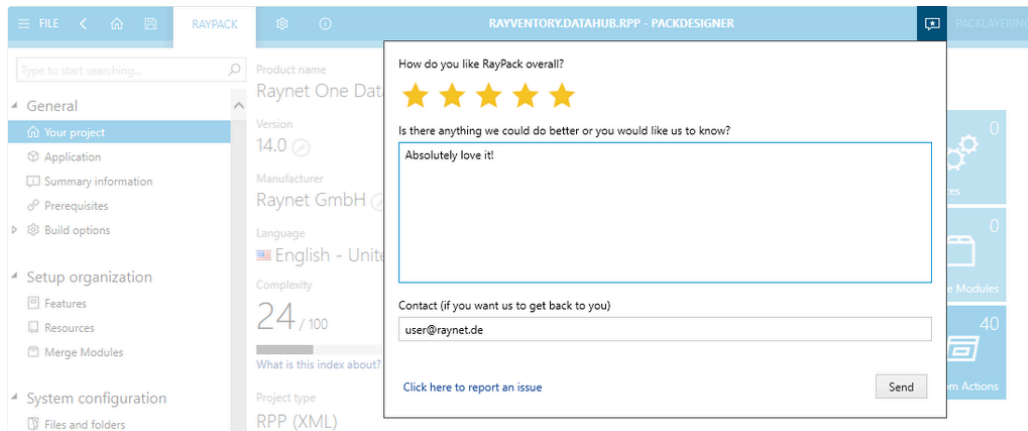


Clean and informative - the new default look and feel. Pictured above are new, crisp folder and file icons.

Files, folders, and registries now also have a new icon set that has several variants depending on the context and features used - for example, add vs. remove, linked vs. unlinked folders, file operations, and so on. These small changes make it easier to recognize and understand the purpose of different MSI entries.

## Feedback Module RPK-4788 [🔗](#)

We've introduced a new Feedback module on every screen, allowing you to share your experience with just a quick click. Rate your experience and help us continuously improve by providing instant feedback as you navigate through RayPack.



Always around the corner - a feedback button to share your opinion about the product with just a few clicks!

Your input not only supports our commitment to continuous improvement but also ensures that our development priorities align with your needs. Whether you're delighted or see room for improvement, your feedback will directly influence our upcoming updates, enhancements, and overall user experience refinement.

## Other Improvements [🔗](#)

- PackRecorder and repackaging
  - It is now possible to run RayPack in a sandbox without the automatic license check. This allows fast GUI-driven repackaging, similar to the previous experience where RayPack could be run from a shared location or USB stick without a full license. Please note that, as before, this additional mode provides some basic repackaging functionality, but full functionality still requires a valid product license. **RPK-3301**
  - The last page of the PackRecorder wizard now displays blocked or omitted files. Users can easily identify files that were excluded during the repackaging process. **RPK-4838 ZEN-25214**
  - The repackaging wizard is now more resilient to user configuration errors. For example, invalid regular expressions in one of the configuration files used by the repackaging wizard will not cause the wizard to crash, but will continue to work as long as possible. **RPK-5034**
  - In this update, we have introduced a configurable option that allows you to copy resources to the project folder as needed. **RPK-4731 ZEN-21429**
  - With this update, we are introducing a new option that provides three levels of exclusion for empty folders, giving you more control over your project structure. **RPK-4836 ZEN-25211**
  - Added a new checkbox to control whether the empty registry keys should be excluded from the conversion from RCP formats. **RPK-4720**
- PackDesigner and MSI editing
  - It is now possible to add Custom Actions to the UI sequence directly from the *New custom action* wizard. **RPK-4621**
  - Added "Edit" context menu for INI entries. **RPK-3512**
  - The logic for removing a property from the Property screen has been adjusted. In this version, removing a property triggers an additional dialog where you can choose whether to adjust all linked rows and elements as well. While this is what is used 90% of the time, there are some cases where it is not desired to change the removal of linked data, and this is where this option comes into play. **RPK-4658**
  - We have added an option and extended the `PackageCode` generation. It is now possible to control, whether the `PackageCode` is recreated upon saving or building. The default option is consistent with the previous behavior, that means to change the `PackageCode` when rebuilding and preserve it when saving / saving as, but can be changed at the user discretion. **RPK-4842 ZEN-25355**
  - The name of the selected CUB file is now displayed in the Validation (ICE) Wizard. **RPK-4745**
  - Improved the generation of MSP packages for the following edge cases:



- Packages with multi-CAB setup. [RPK-5079](#)
  - Packages without the `Binary` table. [RPK-5012](#)
- In the Custom Action wizard, an additional information panel is added to inform the user of the deprecation of VBS on Windows when the user selects VBS as the target Custom Action. [RPK-4997](#)
- Improved logic of Key Path selection when adding user-resources (for example in the `AppDataFolder` directory). [RPK-4869](#)
- Improved performance of file deletion. [RPK-4753](#)
- Digital signing of empty MSI files (without files) is now supported. [RPK-4608](#)
- PackDesigner and MSIX editing
  - MSIX launch scripts now have icons, which let them be distinguished between x64 and x86 target executables. [RPK-4477](#)
  - MSIX App Attach disk files are now created using Microsoft `msixmgr` instead of `diskpart`. [RPK-4757](#)
  - Improved logic of MSIX signing where in previous versions not all possible errors were clearly communicated to the end user. [RPK-5032](#)
  - It is now possible to create MSIX packages for projects using one of predefined verbs (like Open). [RPK-4773](#) [ZEN-23184](#)
  - Building from RCP to MSIX format now correctly sets the architecture of the target package, based on the information from the source project. [RPK-4725](#)
  - RayPack installed as an MSIX package can now use the floating license model. [RPK-4693](#)
- PackWrapper and PSADT
  - Improved logic for PSADT editing, ensuring better interaction with custom modifications of PSADT toolkits. [RPK-5102](#)
  - PackWrapper now informs the user about incompatible transforms when they are configured for use in the wizard. [RPK-4930](#)
  - Improved various situations with `.ps1` script editing in the PackWrapper editor. [RPK-4921](#) [RPK-4926](#)
- PackBot
  - PackBot messages now retain their original language after a restart on the guest computer. [RPK-5007](#)
- PackLayering
  - Improved error messages for PackLayering-related settings. Previously, the error content displayed was generic and did not reveal the actual problem. [RPK-4972](#)
- Command-line tools and automation
  - Command line repackager and snapshot ( `tps.exe` ) now correctly reads the desired exclusion lists from RayPack profile if RayPack is not installed. [RPK-4850](#)
  - We have added two new parameters for `tps.exe`, namely `-excludeEmptyFolders` and `-exclusionList`, to enhance your repackaging processes. They can be used to control, whether the empty folders are excluded during unattended repackaging (with the compare option), and also to specify an exclusion list (or multiple exclusion lists) to be applied. [RPK-4837](#) [ZEN-25213](#)
  - It is now possible to rebuild MSIX files from the command line using `tpcmd.exe`. [RPK-4984](#) [ZEN-27409](#)
- Other
  - Improved internal logic to remove temporary and cache files. [RPK-4722](#)
  - ExitCodes for `RpCmd.exe` are now documented in the Product User Guide. [RPK-4724](#)
  - Several improvements of the synchronization mechanism implemented in PackPoint. These include removal of orphaned files and synchronization of subfolders. [RPK-4806](#) [RPK-4764](#) [ZEN-22711](#)
  - More robust and secure way of saving RayFlow credentials and sharing the session between other RayPack Studio components. [RF-4879](#)
  - Streamlined the behavior of the functionality for opening a project after building, so that it behaves consistently in all types of supported projects. [RPK-4873](#)
  - RayPack can be now virtualized and run as an App-V 5.x package. [RPK-5071](#)
  - Added or change some German and Polish UI translation. [RPK-5107](#) [RPK-5003](#) [RPK-5000](#) [RPK-4962](#) [RPK-4825](#) [RPK-4667](#)

## Resolved Issues [🔗](#)

- PackRecorder and repackaging
  - Reapplying filters on opened RCP projects now uses the current exclusion configuration. [RPK-5017](#)
  - Fixed an issue with excluding registry keys from projects that had registry capturing turned off. [RPK-5015](#)
- PackDesigner and MSI editing
  - Fixed issues with loading resources from multi-icon files in PackDesigner. [RPK-5072](#)
  - Fixed a possible crash when opening MSI packages created with WISE Package Studio. [RPK-5059](#)
  - Fixed an issue where subsequent changes to MST files could be ignored after the first save. [RPK-4981](#)
  - Resolved crashes of PowerShell custom actions on 32-bit machines. [RPK-5006](#) [ZEN-28172](#)
  - Pinning of shortcuts to Windows 10/11 Start menu is now disabled if the shortcut is advertised. [RPK-4876](#)
  - Resolved several issues with concurrent usage of multiple instances of RayPack, accessing the same project. [RPK-4979](#)
  - Fixed issues with resolving of formatted arguments of Scheduled Tasks. [RPK-4819](#) [ZEN-24918](#)
  - Fixed possible exception when pasting a VBS content in the Custom Action wizard for inline script actions. [RPK-4810](#)
  - Fixed a possible crash when invoking the *Test* menu for custom searches ( `AppSearch` ) for files, due to invalid filter string. [RPK-4902](#)
  - Fixed an issue where INI files with empty property `DirProperty` were not visible in the UI. [RPK-4976](#)
- PackDesigner and MSIX editing
  - Fixed an issue where it was possible to add two identical target platform dependencies. [RPK-3464](#)
  - Fixed an issue where cancelling MSIX builds could cause the application to stop responding. [RPK-5029](#)
  - Fixed a possible exception when editing the same MSIX package script twice. [RPK-5010](#)
  - Context menu *Edit with...* is now properly disabled if the source file does not exist. [RPK-4996](#)
- PackWrapper and PSADT
  - Resolved a rare issue where opening a `.ps1` file from the command line would not open the PackWrapper screen. [RPK-4957](#)
  - Fixed incorrect behavior of the `.ps1` editor where adding multiple transforms to an MSI file entry would separate them with a comma. PSADT requires semicolons as the correct way to separate them. [RPK-4956](#)
  - Resolved issues with the PackWrapper wizard not adding installation entries for setups without command line arguments. [RPK-4777](#)
- PackBot
  - Fixed an issue where PackBot could not be started on the target virtual machine if the project directory on the host machine is configured on a drive that is not available in the virtual environment. [RPK-4985](#)
  - Resolved rare issues with repackaging not finishing properly due to corrupted RayPack profile files, [RPK-4774](#) [ZEN-23223](#)
  - Fixed an issue where PackBot sometimes failed to create the second snapshot after a reboot. [RPK-5095](#)
- App-V
  - Fixed issues with App-V 5 sequencing that could result in an error `Unknown error during sequencing`. [RPK-5100](#)
- Command-line tools and automation
  - Resolved issues with the `Import-Transform` command let which was not functioning properly for `.rpmst` files. [RPK-4785](#)
  - Fixed issues with PowerShell command lets not working when called from RayPack MSIX package. [RPK-4704](#)
  - Fixed incorrect selection of profiles in `ipcmd.exe`. [RPK-4752](#) [ZEN-22036](#)
- Other
  - Fixed possible `NullReferenceException` when deploying to SCCM/ECM. [RPK-5045](#)
  - Fixed minor UI issues, especially on lower resolutions. [RPK-3466](#) [RPK-3479](#).