

RELEASE NOTES

PACE Suite 5.8

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1 PACE Suite Overview

PACE Suite is an advanced and fast software-packaging tool with an intuitive user interface and set of features providing (re)packaging in Windows Installer, UWP (MSIX/APPX), and various virtualized formats.

Components:

Tool	Purpose
Launcher	 Combine all PACE Suite tools (listed below) Collect all major functions in a single place for quick access Configure virtual machine configuration for remote capturing and testing, etc.
Setup Capture	 Run repackaging on the remote virtual machine Run repackaging on the local host Detect embedded (hidden) MSI installers Take a system snapshot of the local host Compare two snapshots on the local host
Package Generator	Edit installation projectGenerate MSI, MSIX, APPX, APPV, THINAPP package
MSI Editor	 Edit MSI/MST Create MSP, MSM Integrate MSI upgrade Estimate package complexity Run ICE validation Publish to Microsoft SCCM 2007, 2012, 2016. Generate package report
Quality Approver	Check MSI readinessCheck MSIX/APPX readiness
Docu Generator	• Record on-screen actions into a document



	s are Prerequisites target system contains necessary software prerequisites:
	Windows or Windows Server OS that supports .NET 4.7.2 (<u>https://docs.microsoft.com/en-us/dotnet/framework/get-started/system-requirements</u>) or higher.
OS	NOTE Building Universal Windows Platform app packages (MSIX/APPX) is available under Windows 10 or Windows Server 2016 and newer.
	Automated package testing with Quality Approver requires a virtual machine with Windows 10 version 1803 or newer.
	Microsoft .NET Framework 4.7.2 (<u>https://dotnet.microsoft.com/download/dotnet-</u> <u>framework-runtime</u>) or higher.
Middleware	NOTE For building THINAPP packages, ensure that your system contains VMware ThinApp (5.0.0/5.0.1/5.1.0/5.1.1/5.2.0) installed and activated with a valid license.
	For publishing MSI packages to Microsoft SCCM 2007 (SP1/SP2/R1/R2) or SCCM 2012 (SP1/SP2/R2/R2 SP1) server, ensure that your system contains Microsoft Management Framework 3.0 and Windows Remote Management (WinRM) service enabled.
Privileges	Administrative privileges on the system

Privileges Administrative privileges on the system.

1.2 Hardware Prerequisites

Ensure that a target system fulfills the minimum hardware conditions:

	32-bit (x86) or 64-bit (x64) processor at 2 GHz or greater				
Processor	NOTE To repackage 64-bit applications or create 64-bit App-V packages, use PACE Suite on a 64-bit Windows operating system.				
RAM	2 GB				
Hard drive free space	1 GB NOTE Additional storage is required for your projects and packages depending on their size and quantity.				
Display	1280 x 800 resolution or higher.				



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2 Release Notes



2.1 About This Release

This release of PACE Suite includes the following changes:

- ODBC Management For details, see section 2.2
- Close Applications For details, see section 2.3
- Improvements

For details, see section 2.4



Release Notes PACE Suite 5.8 2.2 ODBC Management



NSI Editor - PACE_Suite_v5.8.0.msi		Properties		-	- 🗆	×	– – ×
	Package Designer	ODBC driver					2 items 🝸
 Files and folders INI entries Shortcuts Fonts Registry Custom actions Services Environment variables Drivers 	Name CDBC drivers Driver A CDBC data sources Data Source B CDBC translators Translator-C	Name Driver A Driver DLL file ProgramFilesFolder\PACE Suite Setup DLL file Component_ cmp27F9CEF3BE86F11F623000		Identifier DriverA L (ID: fil8AFCC Clear	Browse Browse	~	2 items V Component
 ODBC Package configuration Features and components ARP appearance System search Close applications Upgrades Properties Summary information Permissions Media settings Digital signature 		Attributes Name Attribute_1 Attribute_2	Value Value 1 Value 2				
	Add 🔺 Remov	Add Remo	Save Cancel				

Open Database Connectivity (ODBC) is a standard application programming interface that allows external applications to access data from diverse database management systems. With PACE Suite, you can view and easily manage the installation and configuration of **ODBC drivers**, **data sources**, and **translators** of your MSI package.

The new ODBC UI of Package Designer collects data from the ODBCDriver, ODBCAttribute, ODBCDataSource, ODBCSourceAttribute, and ODBCTranslator MSI tables, transforms and presents them in a user-friendly view. This allows you to determine at a glance what and how many ODBC resources this package installs. In case of necessity, you can modify the existing and add a new ODBC driver, data source, and translator. The advanced validation rules reduce human errors and increase package quality.



Release Notes PACE Suite 5.8 2.3 Close Applications

■ MENU Package Summary Package Designer Tables Editor ■ Package resources ■ Files and folders ■ NI entries ● NI entries ● Shortcuts ▲ Fonts ▲ Fonts ▲ Registry √ Custom actions ◆ Services ◆ Environment variables ◆ Environment variables ◆ Drivers ● ODBC ■ Conditions ■ Set MSI property ● Property ● Prompt the user with the message	SI Editor - PACE_Suite_v5.8.0.msi				– 🗆 X
Item ↓ Image: Factor of folders Image: Files and folders </th <th>■ MENU Package Summary</th> <th>Package Designer T</th> <th>ables Editor</th> <th></th> <th></th>	■ MENU Package Summary	Package Designer T	ables Editor		
 Package configuration Features and components ARP appearance System search Close applications Upgrades Upgrades Properties Summary information Perform additional actions if app is still running Timeout (in seconds) Timeout (in seconds) Terminate app with exit code O Prompt for reboot REMARK: Prompt for reboot can be displayed only on install and reinstall 	 Files and folders INI entries Shortcuts Fonts Registry Custom actions Services Environment variables Drivers ODBC Package configuration Features and components ARP appearance System search Close applications Upgrades Properties Summary information Permissions Media settings 	Executable name Inotepad.exe	Close application Executable name notepad.exe Conditions NOT Installed OR (REMOVE OR REMOVE~=*ALL") Actions if app is running Set MSI property Send a Close message to app In user mode In user mode In elevated	Identifier notepad.exe Sequence 1 pt the user with the message an End Session message to app user mode elevated mode on install and reinstall	1 item V Sequence

If your MSI package installs an Add-on, Plug-in, or may update shared files used by other processes, it would be a great idea to check if these processes are running and, if so, close them. In addition, to ensure clear package removal, the applications from this package must be closed.

What does this mean for the packaging engineer? They need to write a script that identifies and terminates the necessary processes. The application is forcibly terminated without the ability to save user data. It takes an engineer some time to write and test such a script. All this increases the price of the package.

To solve this problem, we developed the new 'Close applications' UI of Package Designer that enables you to easily define what processes should be closed and in what way when installing and uninstalling a package.

This new view allows defining multiple applications that should be closed. For each of them, you can configure how an application must be closed: send a Close and/or End Session messages, terminate after timeout if still running; prompt the user with a message, set an MSI property for building a further installation behavior, and choose other useful options.



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2.4 Improvements and Fixes

Common:

- Fixed the issue with activating the product if the license key is copied with spaces.
- Solved the problem with disabling the check for PACE Suite updates.

Setup Capture:

- Fixed the 'The connection to VM has been lost' issue while capturing on the remote Hyper-V virtual machine.
- Fixed PACE Tuner installation on Windows 11.

MSI Editor:

- Fixed the issue with importing INI files that contain identical sections and keys.
- Fixed the issue with the disabled Save menu item after running Active Scripting.
- Fixed crash on editing an Icon table.

Package Generator:

- Fixed the issue while building MSI via the command line.
- Fixed the issue with creating a package in a project folder with restricted access.
- Fixed the issue with skipping zero-size INI files while building a package.





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3 Release History

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- PACE Suite 3.5.5
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