

RELEASE NOTES

PACE Suite 5.6

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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:

Арр	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 remote virtual machine Run repackaging on local host Detect embedded (hidden) MSI installers Take system snapshot on local host Compare two snapshots on local host 				
MSI Generator	Edit installation projectBuild 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 the 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 and depends on their size and quantity.					
Display	1280 x 800 resolution or higher.					



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2.1 About This Release

The 5.6 release of PACE Suite includes the following new features:

• UI for Environment Variables

View and manage Environment Variables that will be installed by the MSI package with the use of a simple and user-friendly interface of Package Designer. *For details, see section 2.2*

• UI for Services

Benefit from the brand new Services tab of Package Designer for installing and controlling Windows services.

For details, see section 2.3



Release Notes PACE Suite 5.6 2.2 UI for Environment Variables Tool: MSI Editor

BMSI Editor - PACE_Suite_v5.6.msi				- 🗆 X
	Package Designer	Tables Editor		
🖿 Package resources	Environment varia	bles		2 items
 Files and folders INI entries 	Name	Value	Туре	Component
Shortcuts	VAR_1	Value 1	Per-machine	cmp0194E3097F77CAB8A1909D06CAB9C445
Registry	VAR_2	Value 2	Per-user	cmp0220764673D3788F22490ABF28012B31
 Drivers Package configuration Features and components 		MSI table: 'Environment'		
ARP appearance System search		Variable name VAR_1		
Upgrades K Environment variables		Value Value 1		
ServicesProperties		Type Per-machine	~	
 Summary information Permissions 		Action on install Create and update	~	
🚍 Media settings 🕤 Digital signature		Order		
		Replace an existing variable Action on uninstall	~	
		Remove	~	
		cmp0194E3097F77CAB8A1909D06CAB9C445	~	
		Save Cancel		
	Add Rem	ove		

View and manage **Environment Variables** that will be installed by the MSI package with the use of a simple and user-friendly interface of Package Designer. There is no longer a need to deep dive into the particularity of MSI tables.

All that long set of prefixes, their combinations and special characters of the <u>Environment table</u> are now presented as a dialog with available and compatible settings, written in human language.

When creating or editing an Environment Variable, you can control:

- Variable Name and Value;
- its installation Type (per-machine / per-user);
- Actions on install what to do on install (create and update / only create if missing / remove);
- Order how to store new value if the variable already exists (replace / append to the end / prefix to the front);
- Actions on uninstall what to do on uninstall (remove / keep);
- **Component** what component will trigger variable installation/de-installation.



Release Notes PACE Suite 5.6 2.3 UI for Services Tool: MSI Editor



MSI Editor - PACE_Suite_v5.6.msi			- 🗆 X
■ MENU Package Summary	Package Designer	Tables Editor	
	Services		2 items
Files and folders	Service	Action	Component
INI entries	TestService1	Install service	
Shortcuts	TestService1	Control service	General Parameters
🗞 Registry			
Custom actions			
🐓 Drivers			MSI table: 'ServiceInstall'
🕶 🛅 Package configuration			Service name
Features and components			TestService1
ARP appearance			Display name
Q System search			Test Service 1
🗢 Upgrades			
% Environment variables			Description
Services			My test
Properties			Contine autombolie
Summary information			Service executable
Permissions			Component
A Media settings			Launcher.exe 🗸
g Digital signature			Executable
			SourceDir\Program Files\PACE Suite\Launcher\Launcher.exe Browse
			Arguments
			-silent
			Save Cancel
	Add 🔺 Ren	nove	

Benefit from the brand new **Services** tab of Package Designer for installing and controlling Windows services.

The simple view displays a list of Win32 services that will be installed and controlled by this package. Therefore, it combines the content of both <u>ServiceInstall</u> and <u>ServiceControl</u> tables in a single place to make it easier to find resources affected by the MSI.

When creating/editing a Service Install entry, you can manage:

- Service name, display name, and description;
- Executable and arguments;
- Service type (runs its own process / shares a process);
- Start type (automatic / demand / disabled);
- Error control (ignore / normal / critical);
- Load order group (a string that names the load ordering group of which this service is a member);
- **Dependencies** (a list of names of services or load ordering groups that the system must start before this service);
- User (start) name and password (service is logged on with the specified account credentials; if blank, the LocalSystem account will be used).

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MSI Editor - PACE_Suite_v5.6.msi								- 0
MENU Package Summary	Package Designer	Tables Editor						
🕶 🛅 Package resources	Services							2 items
Files and folders	Service	Action		Component				
INI entries	TestService1	Install serv	ice	Launcher.exe	2			
Shortcuts	TestService1	Control ser	rvice	Launcher.exe	2			
							_	
Custom actions			Properties		-		<	
-			54					
Package configuration			C MCI tabl	e: 'ServiceControl'				
Features and components ARP appearance				e. servicecontrol				
Q System search			Service name					
C Upgrades			TestService1					
% Environment variables			Actions on install					
Services			✓ Start	🗆 Stop	Delete			
Properties			Actions on uninstall					
Summary information			Start	🗹 Stop	✓ Delete			
🕰 Permissions			Start arguments					
📇 Media settings								
🕤 Digital signature			Wait for the service t	o complete before proceed	ding			
			Component		5			
			Launcher.exe			~		
				Save	Cancel			
	Add 🔺 Rer	nove						

When creating/editing a Service Control entry, you can manage:

- Service name (a service that will be controlled);
- Actions on install (start / stop / delete);
- Action on uninstall (start / stop / delete);
- Start arguments;
- Component (a component that triggers service controlling during installation/de-installation).



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3 Release History

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- PACE Suite 5.4
- PACE Suite 5.3
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- PACE Suite 5.1
- PACE Suite 5.0
- PACE Suite 4.7
- PACE Suite 4.6
- PACE Suite 4.5
- PACE Suite 4.4
- PACE Suite 4.3
- PACE Suite 4.2
- PACE Suite 4.1
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- PACE Suite 3.5.5
- PACE Suite 3.5
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- <u>PACE Suite 3.4.1</u>
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- <u>PACE Suite 3.3 3.3.1</u>



