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# RELEASE NOTES

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PACE Suite 5.7



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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	<ul style="list-style-type: none"><li>• Combine all PACE Suite tools (listed below)</li><li>• Collect all major functions in a single place for quick access</li><li>• Configure virtual machine configuration for remote capturing and testing, etc.</li></ul>
Setup Capture	<ul style="list-style-type: none"><li>• Run repackaging on remote virtual machine</li><li>• Run repackaging on local host</li><li>• Detect embedded (hidden) MSI installers</li><li>• Take system snapshot on local host</li><li>• Compare two snapshots on local host</li></ul>
Package Generator	<ul style="list-style-type: none"><li>• Edit installation project</li><li>• Build MSI, MSIX, APPX, APPV, THINAPP package</li></ul>
MSI Editor	<ul style="list-style-type: none"><li>• Edit MSI/MST</li><li>• Create MSP, MSM</li><li>• Integrate MSI upgrade</li><li>• Estimate package complexity</li><li>• Run ICE validation</li><li>• Publish to Microsoft SCCM 2007, 2012, 2016.</li><li>• Generate package report</li></ul>
Quality Approver	<ul style="list-style-type: none"><li>• Check MSI readiness</li><li>• Check MSIX/APPX readiness</li></ul>
Docu Generator	<ul style="list-style-type: none"><li>• Record on-screen actions into a document</li></ul>

## 1.1 Software Prerequisites

Ensure that a target system contains necessary software prerequisites:

OS	Windows or Windows Server OS that supports .NET 4.7.2 ( <a href="https://docs.microsoft.com/en-us/dotnet/framework/get-started/system-requirements">https://docs.microsoft.com/en-us/dotnet/framework/get-started/system-requirements</a> ) or higher.
	<b>NOTE</b> Building Universal Windows Platform app packages (MSIX/APPX) is available under Windows 10 or Windows Server 2016 and newer.  Automated package testing with <b>Quality Approver</b> requires a virtual machine with Windows 10 version 1803 or newer.
Middleware	Microsoft .NET Framework 4.7.2 ( <a href="https://dotnet.microsoft.com/download/dotnet-framework-runtime">https://dotnet.microsoft.com/download/dotnet-framework-runtime</a> ) or higher.
	<b>NOTE</b> 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.

## 1.2 Hardware Prerequisites

Ensure that a target system fulfills the minimum hardware conditions:

Processor	32-bit (x86) or 64-bit (x64) processor at 2 GHz or greater
	<b>NOTE</b> 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 <b>NOTE</b> Additional storage is required for your projects and packages and depends on their size and quantity.
Display	1280 x 800 resolution or higher.

## 2 Release Notes

### 2.1 About This Release

The 5.7 release of PACE Suite includes the following changes:

- IntuneWin Packages

*For details, see section 2.2*

- Fonts Registration

*For details, see section 2.3*

- Support of local Hyper-V

*For details, see section 2.4*

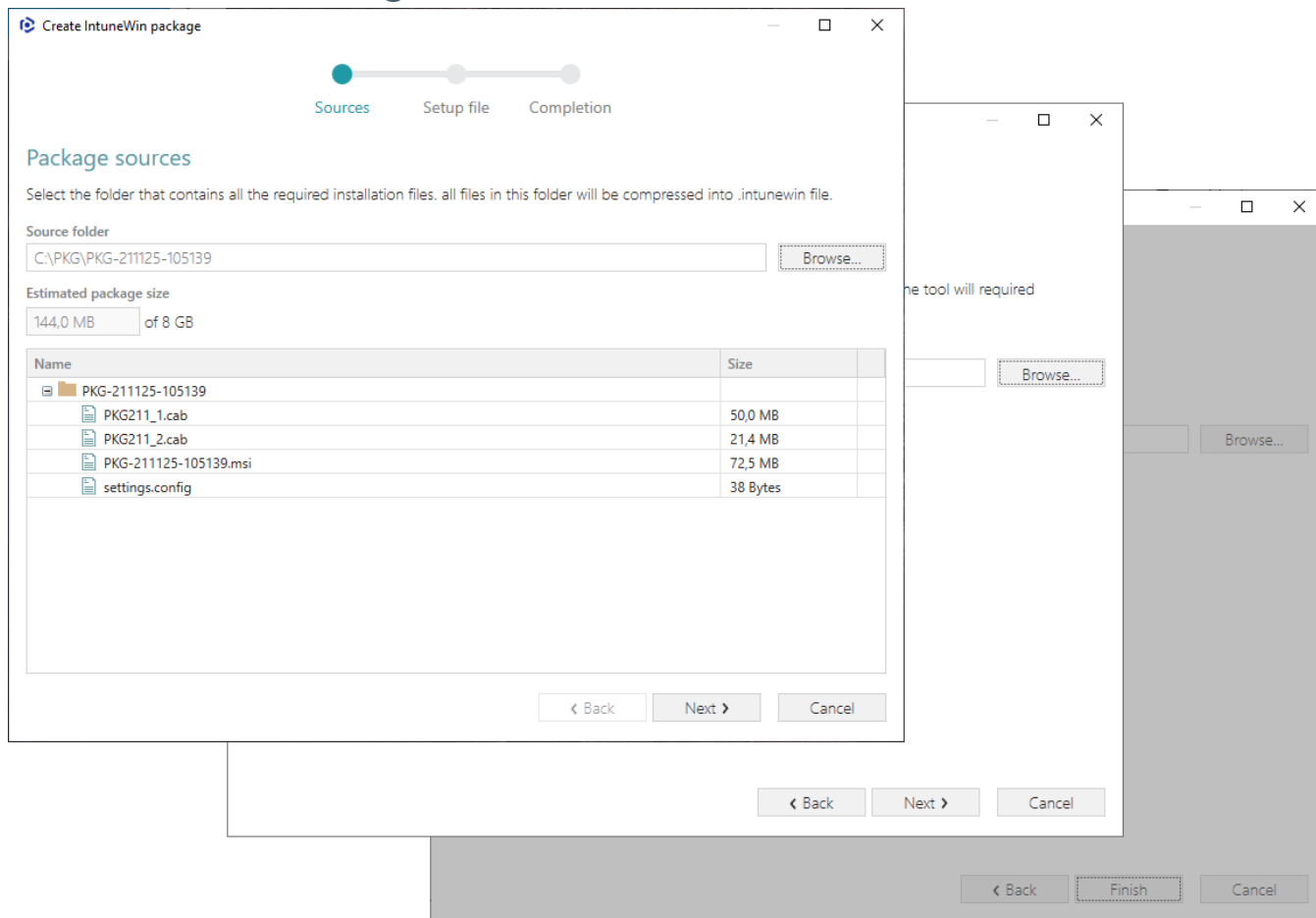
- Product Renaming

*For details, see section 2.5*

- Other Improvements

*For details, see section 2.6*

## 2.2 IntuneWin Packages

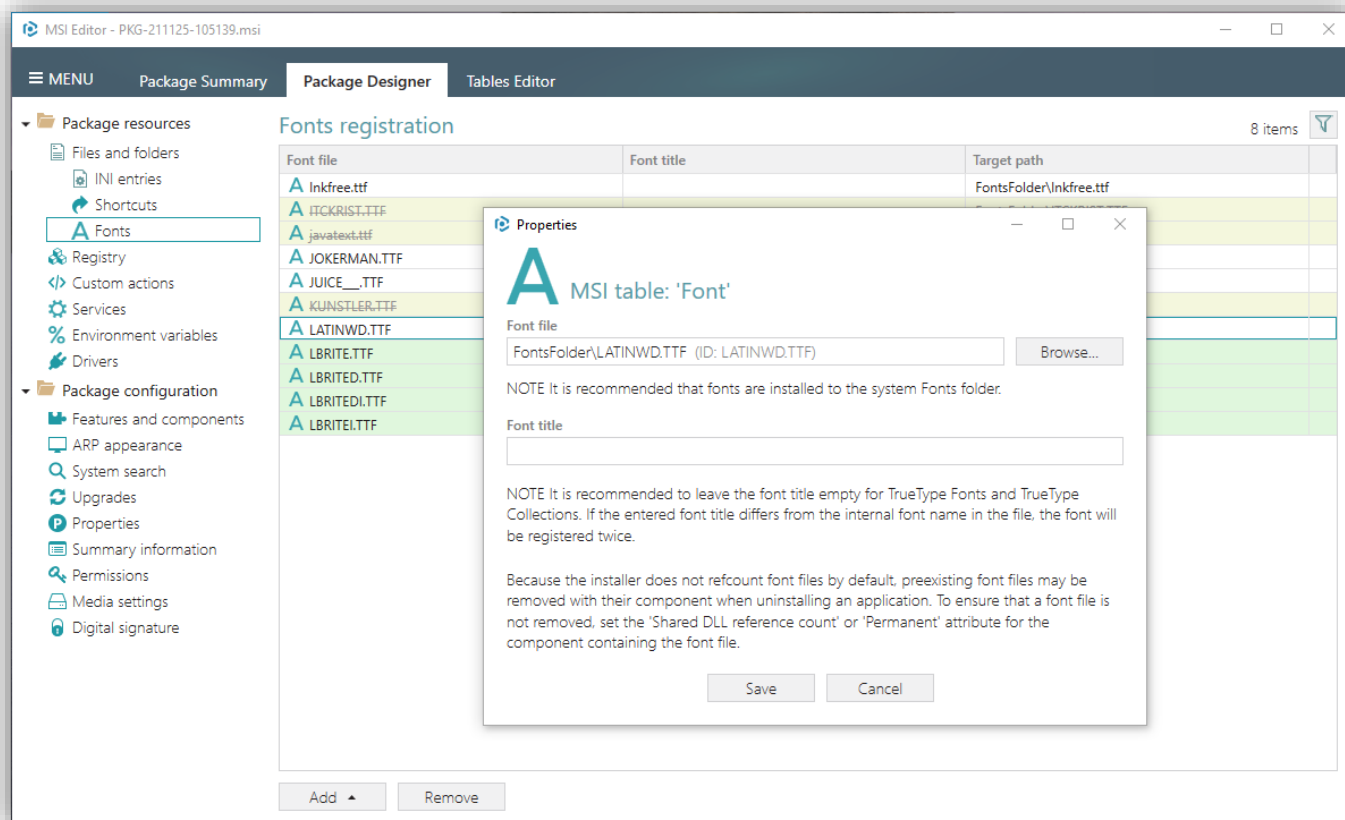


Before you can add a Win32 app to **Microsoft Intune**, you must prepare the app. With **PACE Suite**, you can easily convert the existing app installer into the **IntuneWin** package (.intunewin).

Our wizard for creating **IntuneWin** packages can be an alternative to console app [Microsoft Win32 Content Prep Tool](#). This wizard provides you with the same functionality for creating packages as Microsoft tool, but also offers the following advantages: (1) regular user interface instead of command-line switches; (2) various validation rules; (3) visual control of the package content, size, and the whole process of package creation.

The **Create IntuneWin package** can be invoked from the **PACE Suite Launcher** > **Tasks** tab > **Package, Virtualize** tab.

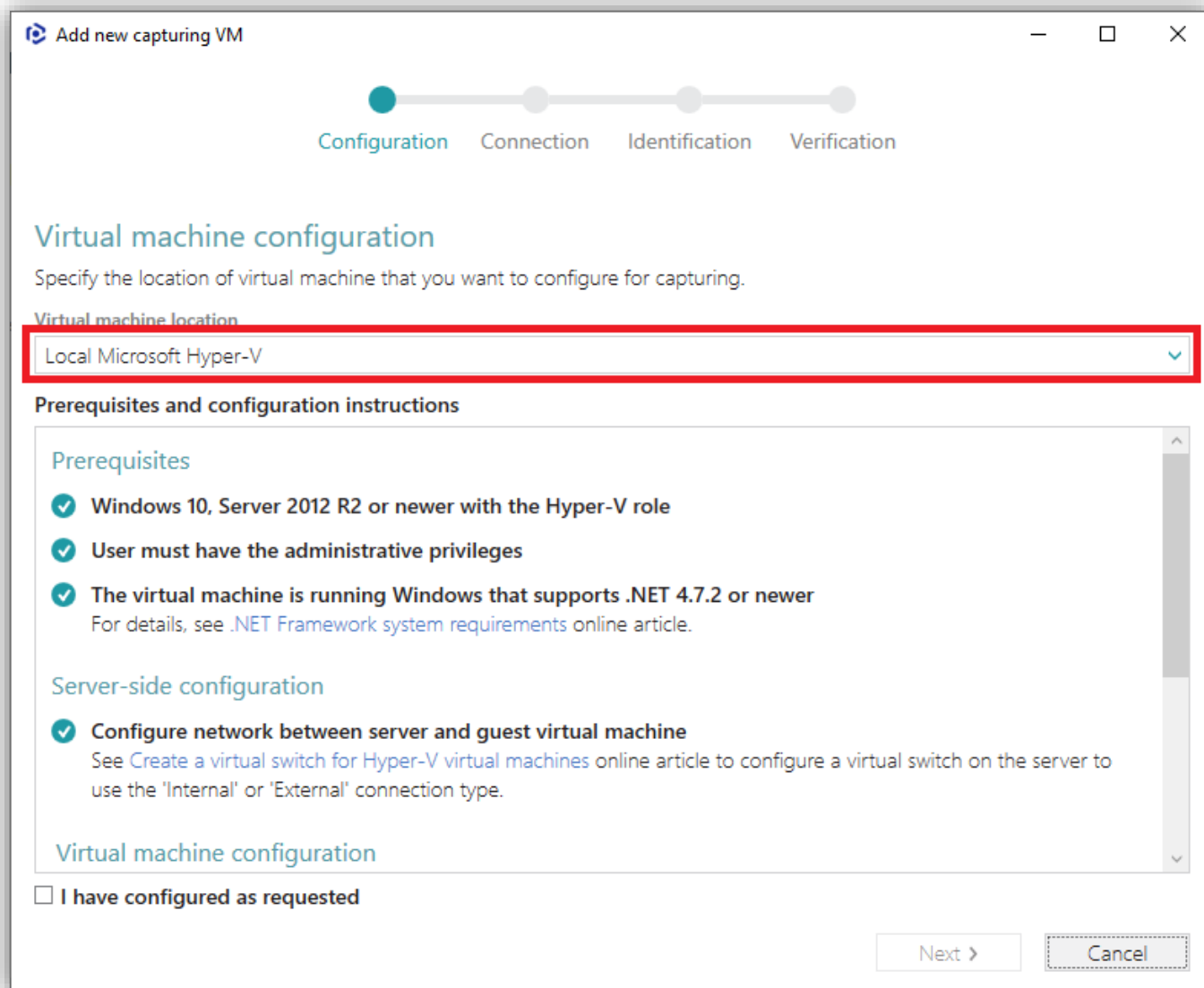
## 2.3 Fonts Registration



Meet the new UI for viewing and managing **Fonts** of the MSI package.

The new view under the **Package Designer** displays files that will be installed and registered as **Fonts** on the target system. Here you can register a new Font pointing to the file inside the package or import Fonts from the file system. In both cases, the Package Designer will create and maintain all the necessary MSI database structure to ensure that the specified Fonts are installed to the target system correctly.

## 2.4 Support of local Hyper-V



We have extended the list of supported virtualization solutions, where you can run remote capturing and testing in the manual or automated mode. So, now it is possible to configure virtual machines of the **local Microsoft Hyper-V** that can be run even on the Windows desktop version (previously, it was supported only on Windows Server OS).

The full list of places, where you can run capturing and testing:

- Local host
- VM on remote VMware ESX
- VM on remote Microsoft Hyper-V
- (New) VM on local Microsoft Hyper-V
- VM on local Oracle VirtualBox



## 2.5 Product Renaming



Please be informed that we decided to rename the well-known MSI Generator to Package Generator to better match the functionality and purpose of this product..

## 2.6 Other Improvements

- Updated pre-defined list Custom Actions conditions to ignore CASE.
- Removed limitation for Product Name lengths for MSI packages.
- Fixed issues with the random PublisherId generation for MSIX, APPX packages.
- Fixed crash when deleting the registry entry from the import registry wizard.
- Fixed crash when deleting the captured changes during response MST creation.

## 3 Release History

- [PACE Suite 5.6](#)
- [PACE Suite 5.5](#)
- [PACE Suite 5.4](#)
- [PACE Suite 5.3](#)
- [PACE Suite 5.2](#)
- [PACE Suite 5.1](#)
- [PACE Suite 5.0](#)
- [PACE Suite 4.7](#)
- [PACE Suite 4.6](#)
- [PACE Suite 4.5](#)
- [PACE Suite 4.4](#)
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- [PACE Suite 4.2](#)
- [PACE Suite 4.1](#)
- [PACE Suite 4.0](#)
- [PACE Suite 3.5.5](#)
- [PACE Suite 3.5](#)
- [PACE Suite 3.4.2](#)
- [PACE Suite 3.4.1](#)
- [PACE Suite 3.4](#)
- [PACE Suite 3.3 – 3.3.1](#)