

Installing MHI Software using Microsoft Intune

Overview

Installing MHI software such as PSCAD using Microsoft Intune is possible and even desirable especially in large enterprise environments where workstations are centrally managed by IT. This guide will walk you through the steps of packaging the software installation media for Intune and configuring the Intune apps, enabling you to assign the desired MHI software to your users in the Microsoft Intune Admin Center.

Please note: This guide is best viewed in Adobe Acrobat Reader for text copying accuracy. If you notice any discrepancies that you believe may be due to an Intune update, please email support@pscad.com.

Preparing the Microsoft Win32 Content Prep Tool

The Microsoft Win32 Content Prep Tool (IntuneWinAppUtil.exe) will be used for packaging the software installers for Intune.

1. Download the latest release of the [Microsoft Win32 Content Prep Tool](#)
2. Extract the ZIP archive to a convenient location (perhaps somewhere that'll be on your Windows PATH)

Creating the Python 3.13.15 Intune app

1. Download the [Python 3.13.15 installer](#) (Windows installer 64-bit)
2. Place the installer executable in a new empty folder
3. Package the folder containing the installer executable (should be at the root level) using the Microsoft Win32 Content Prep tool with the following command:
`IntuneWinAppUtil -c <input_folder> -s python-3.13.15-amd64.exe -o <output_folder>`
4. Create a new "Windows app (Win32)" Intune app in the Microsoft Intune Admin Center and fill in the tabs of the setup wizard using the instructions below (and leave anything not specified as default).

Tab: App information

Property	Value
Select file	<i>Select the Intune app package you created</i>
Name	Python 3.13.15 (x64)
Description	Python 3.13.15 (x64)
Publisher	Python Software Foundation
App Version	3.13.15
Information URL	https://www.python.org
Privacy URL	https://www.python.org/privacy/
Developer	Python Software Foundation

Tab: Program

Property	Value
Installer type	Command line
Install command	"python-3.13.15-amd64.exe" /install /quiet /norestart /log "%ProgramData%\Microsoft\IntuneManagementExtension\Logs\python-3.13.15-amd64.log" InstallAllUsers=1 PrependPath=1
Uninstaller type	Command line

Property	Value
Uninstall command	"python-3.13.15-amd64.exe" /uninstall /quiet /norestart /log "%ProgramData%\Microsoft\IntuneManagementExtension\Logs\python-3.13.15-amd64_uninstall.log"
Install behavior	System
Return codes	0 = Success, 3010 = Soft reboot

The installer and uninstaller will log to the %ProgramData%\Microsoft\IntuneManagementExtension\Logs folder.

Tab: Requirements

Property	Value
Check operating system architecture	Install on x64 system
Minimum operating system	Windows 10 1607

Tab: Detection rules

Property	Value
Rules format	Manually configure detection rules

Click the “+ Add” link button to add a “File” rule type with the following values:

Property	Value
Path	%ProgramFiles%\Python313
File or folder	python.exe
Detection method	String (version)
Operator	Equals
Value	3.13.15150.1013

Click the “+ Add” link button to add a “Registry” rule type with the following values:

Property	Value
Key path	HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall\{76BFD3B-8CBB-42C5-A76D-C745EEC564DE}
Value name	DisplayVersion
Detection method	String comparison
Operator	Equals
Value	3.13.15150.0

Tab: Dependencies

Not applicable.

Tab: Scope tags

Set according to your business needs.

Tab: Supersedence

Set according to your business needs.

Tab: Assignments

Set according to your business needs.

Tab: Review + create

Click the “Save” button at the bottom.

Creating the GFortran 13.2 Intune app

This Intune app is not necessary if you’re planning on using a different Fortran compiler (such as Intel Fortran).

1. Download the GFortran 13.2 installer from [MyCentre Portal](#) (download name is “GFortran 13.2 - Software Installer”).
2. Extract the ZIP archive to a new empty folder
3. Package the folder containing the extracted contents (Installer.exe and related files should be at the root level) using the Microsoft Win32 Content Prep tool with the following command:
`IntuneWinAppUtil -c <input_folder> -s Installer.exe -o <output_folder>`
4. Create a new “Windows app (Win32)” Intune app in the Microsoft Intune Admin Center and fill in the tabs of the setup wizard using the instructions below.

Tab: App information

Property	Value
Select file	<i>Select the Intune app package you created</i>
Name	GFortran 13.2
Description	GFortran 13.2
Publisher	Manitoba Hydro International Ltd.
App Version	13.2
Information URL	https://www.pscad.com
Privacy URL	https://www.mhi.ca/legal/privacy-policy
Developer	GNU Project

Tab: Program

Property	Value
Installer type	Command line
Install command	"Installer.exe" /Silent=True /LogFolder="%ProgramData%\Microsoft\IntuneManagementExtension\Logs"
Uninstaller type	Command line

Property	Value
Uninstall command	"Installer.exe" /Silent=True /Uninstall="GFortran 132" /LogFolder="%ProgramData%\Microsoft\IntuneManagementExtension\Logs"
Install behavior	System
Return codes	0 = Success

The GFortran installer and uninstaller will log to the %ProgramData%\Microsoft\IntuneManagementExtension\Logs folder.

Tab: Requirements

Property	Value
Check operating system architecture	Install on x64 system
Minimum operating system	Windows 10 1607

Tab: Detection rules

Property	Value
Rules format	Manually configure detection rules

Click the “+ Add” link button to add a “File” rule type with the following values:

Property	Value
Path	%ProgramFiles%\GFortran
File or folder	13.2
Detection method	File or folder exists

Click the “+ Add” link button to add a “Registry” rule type with the following values:

Property	Value
Key path	HKEY_LOCAL_MACHINE\SOFTWARE\WOW6432Node\Microsoft\Windows\CurrentVersion\Uninstall\GFortran 132
Value name	DisplayVersion
Detection method	String comparison
Operator	Equals
Value	13.2

Tab: Dependencies

Not applicable.

Tab: Scope tags

Set according to your business needs.

Tab: Supersedence

Set according to your business needs.

Tab: Assignments

Set according to your business needs.

Tab: Review + create

Click the “Save” button at the bottom.

Creating the PSCAD 5.1.0 Intune app

1. Download the PSCAD 5.1.0 installer from [MyCentre Portal](#) (download name is “PSCAD v5.1.0 - Software Installer”).
2. Extract the ZIP archive to a new empty folder
3. Package the folder containing the extracted contents (Installer.exe and related files should be at the root level) using the Microsoft Win32 Content Prep tool with the following command:
`IntuneWinAppUtil -c <input_folder> -s Installer.exe -o <output_folder>`
4. Create a new “Windows app (Win32)” Intune app in the Microsoft Intune Admin Center and fill in the tabs of the setup wizard using the instructions below.

Tab: App information

Property	Value
Select file	<i>Select the Intune app package you created</i>
Name	PSCAD 5.1.0
Description	PSCAD 5.1.0
Publisher	Manitoba Hydro International Ltd.
App Version	5.1.0
Information URL	https://www.pscad.com
Privacy URL	https://www.mhi.ca/legal/privacy-policy
Developer	Manitoba Hydro International Ltd.

Tab: Program

Property	Value
Installer type	Command line
Install command	"Installer.exe" /Silent=True /Ignore="Installs_Python;USBDriver" /LogFolder="%ProgramData%\Microsoft\IntuneManagementExtension\Logs"
Uninstaller type	Command line

Property	Value
Uninstall command	"Installer.exe" /Silent=True /Uninstall="PSCAD 510 x64" /LogFolder="%ProgramData%\Microsoft\IntuneManagementExtension\Logs"
Install behavior	System
Return codes	0 = Success

The PSCAD installer is run with flags to skip the integrated installation of Python and the Sentinel USB Lock driver (not used for certificate licensing). The installer and uninstaller will log to the %ProgramData%\Microsoft\IntuneManagementExtension\Logs folder.

Tab: Requirements

Property	Value
Check operating system architecture	Install on x64 system
Minimum operating system	Windows 10 1607

Tab: Detection rules

Property	Value
Rules format	Manually configure detection rules

Click the “+ Add” link button to add a “File” rule type with the following values:

Property	Value
Path	%ProgramFiles(x86)%\PSCAD\5.1.0\bin\win64
File or folder	Pscad.exe
Detection method	String (version)
Operator	Equals
Value	5.1.0.0

Click the “+ Add” link button to add a “Registry” rule type with the following values:

Property	Value
Key path	HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall\PSCAD 510 x64
Value name	DisplayVersion
Detection method	String comparison
Operator	Equals
Value	5.1.0

Tab: Dependencies

Click the “+ Add” link button to set a dependency on the Python Intune app we made, and make sure “Automatically Install” is enabled. Repeat the same steps to set an additional dependency on the Fortran compiler you’re using (such as GFortran 13.2).

Tab: Scope tags

Set according to your business needs.

Tab: Supersedence

Set according to your business needs.

Tab: Assignments

Set according to your business needs.

Tab: Review + create

Click the “Save” button at the bottom.

Optional: Creating the PRSIM 1.1.0 Intune app

1. Download the PRSIM 1.1.0 installer from [MyCentre Portal](#) (download name is “PRSIM v1.1.0 - Software Installer”).
2. Extract the ZIP archive to a new empty folder
3. Package the folder containing the extracted contents (Installer.exe and related files should be at the root level) using the Microsoft Win32 Content Prep tool with the following command:
`IntuneWinAppUtil -c <input_folder> -s Installer.exe -o <output_folder>`
4. Create a new “Windows app (Win32)” Intune app in the Microsoft Intune Admin Center and fill in the tabs of the setup wizard using the instructions below.

Tab: App information

Property	Value
Select file	<i>Select the Intune app package you created</i>
Name	PRSIM 1.1.0
Description	PRSIM 1.1.0
Publisher	Manitoba Hydro International Ltd.
App Version	1.1.0
Information URL	https://www.pscad.com
Privacy URL	https://www.mhi.ca/legal/privacy-policy
Developer	Manitoba Hydro International Ltd.

Tab: Program

Property	Value
Installer type	Command line
Install command	"Installer.exe" /Silent=True /LogFolder="%ProgramData%\Microsoft\IntuneManagementExtension\Logs"
Uninstaller type	Command line
Uninstall command	"Installer.exe" /Silent=True /Uninstall="PRSIM 110 x64" /LogFolder="%ProgramData%\Microsoft\IntuneManagementExtension\Logs"
Install behavior	System
Return codes	0 = Success

The PRSIM installer and uninstaller will log to the %ProgramData%\Microsoft\IntuneManagementExtension\Logs folder.

Tab: Requirements

Property	Value
Check operating system architecture	Install on x64 system
Minimum operating system	Windows 10 1607

Tab: Detection rules

Property	Value
Rules format	Manually configure detection rules

Click the “+ Add” link button to add a “File” rule type with the following values:

Property	Value
Path	%ProgramFiles(x86)%\PRSIM\110\bin\win64
File or folder	PRSIM.exe
Detection method	String (version)
Operator	Equals
Value	1.1.0.0

Click the “+ Add” link button to add a “Registry” rule type with the following values:

Property	Value
Key path	HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall\PRSIM 110 x64
Value name	DisplayVersion
Detection method	String comparison
Operator	Equals
Value	1.1.0

Tab: Dependencies

Not applicable.

Tab: Scope tags

Set according to your business needs.

Tab: Supersedence

Set according to your business needs.

Tab: Assignments

Set according to your business needs.

Tab: Review + create

Click the “Save” button at the bottom.

Optional: Creating the Enerplot 1.1.1 Intune app

1. Download the Enerplot 1.1.1 installer from [MyCentre Portal](#) (download name is “Enerplot v1.1.1 - Software Installer”).
2. Extract the ZIP archive to a new empty folder
3. Package the folder containing the extracted contents (Installer.exe and related files should be at the root level) using the Microsoft Win32 Content Prep tool with the following command:
`IntuneWinAppUtil -c <input_folder> -s Installer.exe -o <output_folder>`
4. Create a new “Windows app (Win32)” Intune app in the Microsoft Intune Admin Center and fill in the tabs of the setup wizard using the instructions below.

Tab: App information

Property	Value
Select file	<i>Select the Intune app package you created</i>
Name	Enerplot 1.1.1
Description	Enerplot 1.1.1
Publisher	Manitoba Hydro International Ltd.
App Version	1.1.1
Information URL	https://www.pscad.com
Privacy URL	https://www.mhi.ca/legal/privacy-policy
Developer	Manitoba Hydro International Ltd.

Property	Value
----------	-------

Tab: Program

Property	Value
Installer type	Command line
Install command	"Installer.exe" /Silent=True /Ignore="Installs_Python" /LogFolder="%ProgramData%\Microsoft\IntuneManagementExtension\Logs"
Uninstaller type	Command line
Uninstall command	"Installer.exe" /Silent=True /Uninstall="Enerplot 111 x64" /LogFolder="%ProgramData%\Microsoft\IntuneManagementExtension\Logs"
Install behavior	System
Return codes	0 = Success

The Enerplot installer is run with a flag to skip the integrated installation of Python. The installer and uninstaller will log to the %ProgramData%\Microsoft\IntuneManagementExtension\Logs folder.

Tab: Requirements

Property	Value
Check operating system architecture	Install on x64 system
Minimum operating system	Windows 10 1607

Tab: Detection rules

Property	Value
Rules format	Manually configure detection rules

Click the “+ Add” link button to add a “File” rule type with the following values:

Property	Value
Path	%ProgramFiles(x86)%\Enerplot\1.1.1\bin\win64
File or folder	Enerplot.exe
Detection method	String (version)
Operator	Equals
Value	1.1.1.0

Click the “+ Add” link button to add a “Registry” rule type with the following values:

Property	Value
Key path	HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall\Enerplot 111 x64
Value name	DisplayVersion
Detection method	String comparison
Operator	Equals
Value	1.1.1

Tab: Dependencies

Click the “+ Add” link button to set a dependency on the Python Intune app we made, and make sure “Automatically Install” is enabled.

Tab: Scope tags

Set according to your business needs.

Tab: Supersedence

Set according to your business needs.

Tab: Assignments

Set according to your business needs.

Tab: Review + create

Click the “Save” button at the bottom.

Putting it all together

Assign the desired MHI software (PSCAD, PRSIM, or Enerplot) to a group, user, or device in Microsoft Intune Admin Center, and then Intune will take care of installing it and any required dependencies (such as Python and GFortran).

Support

Take screenshots of any relevant details from your Microsoft Intune Admin Center and collect the Intune logs before emailing our support.

Revision History

- 2026.09.10 Initial version
- 2026.09.16 Bumped Python version from 3.13.5 to 3.13.15, enhanced existing instructions, and added instructions for more software (GFortran 13.2, PRSIM 1.1.0, Enerplot 1.1.1)