PSCAD V5 Compatibility Charts

The following charts summarize the known compatibility of PSCAD V5 and related third-party software.

1.a Supported Operating Systems - PSCAD

The following chart illustrates the compatibility history of Windows Operating Systems with PSCAD, including released and non-released editions.

Note – PSCAD is NOT supported on IOS. Some users have successfully set up a Windows emulator on their IOS to run PSCAD, but this has not been tested this nor is this supported.

Windows[1] / PSCAD Versions/Editions	Windows 7 SP1		Windows 8		Windows 8.1		Windows 10		Windows Server 2008 R2 SP1	Windows Server 2012 R2	Windows Server 2016	Windows Server 2019	Windows 10 20H2
	32-bit	64-bit	32-bit	64-bit	32-bit	64-bit	32-bit	64-bit					
V5 (5.0.0)	X	✓	X	---[3]	X	---[3]	X	✓	---[3]	---[3]	---[3]	---[3]	---[4]
V5 (Free Edition)[2]	X	✓	X	---[3]	X	---[3]	X	✓	---[3]	---[3]	---[3]	---[3]	---[4]
V5 (Beta Edition)[2]	X	✓	X	---[3]	X	---[3]	X	✓	---[3]	---[3]	---[3]	---[3]	---[4]

PSCAD / Windows Operating System Compatibility

✓	Officially Supported – Tested, should work
X	Not Officially Supported – Will likely not work
---	Unknown – Not tested

1. Lock-based PSCAD licensing is not supported in a cloud desktop environment. Certificate licensing may work in a cloud desktop.
2. Compatibility for this edition is subject to change, with the listed configuration applicable as of April, 2021.
3. Although not officially supported, this combination has worked for some customers and/or on our test machines.
4. Although not specifically tested with PSCAD, this is expected to work.
   (Because PSCAD runs on Windows 10 Build 2009, released September 2020, one month before Windows 10 20H2)

1.b Supported Operating Systems – Standalone License Manager

The following chart illustrates the compatibility history of Windows Operating Systems with the standalone License Manager.

Note – The License Manager is NOT supported on IOS. Some users might have set up a Windows emulator on their IOS to run the License Manager, but this has not been officially tested nor is this supported.

Windows / License Manager	Windows 7 SP1		Windows 8		Windows 8.1		Windows 10		Windows Server 2008 R2 SP1	Windows Server 2012 R2	Windows Server 2016	Windows Server 2019
	32-bit	64-bit	32-bit	64-bit	32-bit	64-bit	32-bit	64-bit				
LM 1.45 (with PSCAD v5.0.0)	✓	✓	---[1]	---[1]	---[1]	---[1]	✓	✓	---[1]	---[1]	---[1]	---[1]
LM 1.47	✓	✓	---[1]	---[1]	---[1]	---[1]	✓	✓	---[1]	---[1]	---[1]	---[1]

License Manager / Windows Operating System Compatibility

✓	Officially Supported – Tested, should work
X	Not supported - will likely not work
---	Unknown – Not tested

1. Although not officially supported, this combination has been shown to work (both internally and on customer machines).

1.c Required Microsoft® Visual C++ Redistributables – Prerequisites for PSCAD

The following chart illustrates the compatibility history of Microsoft Visual C++ Redistributables with PSCAD, including released and non-released versions.
Refer to Chart 1.d below, for Visual C++ Redistributables version numbering.

PSCAD Versions/Editions \ Visual C++ Redistributables	2015	2017
V5 (v5.0.0)	X	✓[2]
V5 (Free Edition)[1]	X	✓[2]
V5 (Beta Edition)[1]	X	✓[2]

PSCAD / Microsoft® Visual C++ Redistributables Compatibility

✓	Officially Supported
X	Not Officially Supported

1. Compatibility for this edition is subject to change, with the listed configuration applicable as of April, 2021.
2. Includes both editions of Visual C++ Redistributables, x86 and x64.

1.d Versions of Microsoft® Visual C++ Redistributables released with Microsoft® Visual Studio

The following chart lists the versions of Visual C++ Redistributables released with Visual Studio.
Refer to Chart 1.c, above, for compatibility with PSCAD.

MS Visual Studio Version	MS Visual C++ Redistributables	
	Official Name	Corresponding Version
2008 (v9)	*MS Visual C++ 2008 Redistributables*	9.0
2010 (v10)	*MS Visual C++ 2010 Redistributables*	10.0
2012 (v11)	*MS Visual C++ 2012 Redistributables*	11.0
2013 (v12)	*MS Visual C++ 2013 Redistributables*	12.0
2015 (v14)	*MS Visual C++ 2015 Redistributables*	14.0
2017 (v15)	*MS Visual C++ 2017 Redistributables*	14.10.*** 14.11.*** 14.12.*** 14.13.*** 14.14.*** 14.15.*** 14.16.***
2019 (v16)	*MS Visual C++ 2019 Redistributables*	14.20.*** 14.21.*** 14.22.*** 14.28.***

1.e Supported Operating Systems – Fortran Compilers

The following chart illustrates the compatibility history of Windows Operating Systems with Fortran compilers.

Compiler	Windows 7	Windows 8	Windows 8.1	Windows 10[2]	Windows Server 2016	Windows Server 2019
Intel Fortran Composer XE[1]*:*						
12 (2011)	✓	---	---	✓	---	---
13 (2013)	✓	---	---	✓	---	---
14 (2013 SP1)	✓	---	---	✓	---	---
Intel Parallel Studio Composer[1]*:*						
15 (2015)	✓	---	---	✓	---	---
16 (2016)	✓	---	---	✓	---	---
17 (2017)	✓	---	---	✓	---	---
18 (2018)	✓	---	---	✓	---	---
19 (2019)	✓	---	---	✓	---	---
19.1 (2020)	✓	---	---	✓	✓	✓
Intel oneAPI[1]*:*						
19.2.191 (2021.1.1)	---	---	---	✓	✓	✓
GFortran 4.6.2	✓	---	---	✓	---	---
GFortran 8.1	---	---	---	✓	---	---

FORTRAN Compiler / Windows Operating System Compatibility

✓ Tested, should work
--- Not tested – Unknown

1. As determined per Intel® Release Notes.
2. Refer to this article when attempting to run older third-party software on a newer Windows operating system.

2.a Supported Fortran Compilers with PSCAD

The following chart illustrates the compatibility of Fortran compilers with PSCAD.

Fortran Compiler[1]	GFortran 95 v4.2.1	GFortran 95 v4.6.2	GFortran 95 v8.1	Intel Visual Fortran			Intel Fortran Composer XE			Intel Parallel Studio XE Composer Edition for Fortran												Intel oneAPI	
PSCAD Versions/ Editions				9	10	11	2011 12	2013 13	(SP1) 14	2015 15		2016 16		2017 17		2018 18		2019 19.0		2020 19.1		2021 19.2	
										32-bit	64-bit	32-bit	64-bit	32-bit	64-bit	32-bit	64-bit	32-bit	64-bit	32-bit	64-bit	32-bit	64-bit
V5 (v5.0.0)	X	✓	✓	X	X	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	
V5 (Free)[2]	X	✓	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	
V5 (Beta)[2]	X	✓	✓	X	X	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	

✓	Officially Supported – Tested, should work
X	Not Officially Supported – Tested, will not work
---	Unknown – Not tested

1. Compatible compilers must be used for building a project that links in pre-compiled files (.obj, .o, or .lib) (see Charts 3.a and 3.b).
2. Compatibility for this edition is subject to change, with the listed configuration applicable as of Apri, 2021.

2.b PSCAD Program Folders for Supported Intel® compilers (IVF) and Microsoft® Visual Studio (VS)

The following chart specifies the PSCAD program folders for IVF along with applicable IVF / VS combinations. Also included is information, as well as reconfiguration capability.

PSCAD Program Folder[1]	Applicable Versions of IVF	Applicable Versions of Visual Studio	Toggle Between VS 2013- and VS 2015+ [2]
IF12	IVF12 IVF13 IVF14	VS 2013 (and older)	X
IF15 and IF15_X86	IVF15[3] IVF16[3] IVF17[3]	VS 2010 (and newer)[2]	✓
IF18 and IF18_X86	IVF18 IVF19 (v19.0) IVF20 (v19.1) IVF21 (v19.2)	VS 2015 (and newer)	X

1. When PSCAD is installed, these folders are installed to the following location: C:\Program Files (x86)\PSCADxx\emtdc\
2. PSCAD may be toggled to use older Visual Studio libraries (2013 and older) or newer Visual Studio libraries (2015 and newer). More information is available in this article.
3. VS 2010 is not compatible with later versions of IVF 15, nor with IVF 16 or IVF 17 .

2.c Supported Visual Studio Versions

The following chart illustrates the compatibility of Microsoft® Visual Studio with PSCAD.

PSCAD \ MS Visual Studio	2005 (v8)	2008 (v9)	2010 (v10)	2012 (v11)	2013 (v12)	2015 (v14)	2017 (v15)	2019 (v16)
V5 (v5.0.0)	---	---	✓	---[1]	✓	✓	✓	✓
V5 (Free)[2]	X	X	X	X	X	X	X	X
V5 (Beta)[2]	---	---	✓	---[1]	✓	✓	✓	✓

✓ Officially Supported – Tested, should work

X Not Officially Supported – Tested, will not work

--- Unknown – Not tested

1. This version of Visual Studio is not recommended to ever be installed, as it can interfere with other versions, even after it has been removed.
2. Compatibility for this edition is subject to change, with the listed configuration applicable as of April, 2021.

3.a Calling Pre-compiled Objects or Libraries – Comparison of Compilers

If any pre-compiled objects or libraries will be called within a project using a particular version of compiler, a compatible compiler must be used when running the project itself:

May run project with this / Pre-compiled using this	GFortran		Intel® Fortran Composer XE			Intel® Parallel Studio XE Composer Edition for Fortran												Intel oneAPI	
						v15 (2015)		v16 (2016)		v17 (2017)		v18 (2018)		v19.0 (2019)		v19.1 (2020)		v19.2 (2021)	
	v4.6.2	v8.1	v12 2011	v13 2013	v14 2013 SP1	32-bit	64-bit	32-bit	64-bit	32-bit	64-bit	32-bit	64-bit	32-bit	64-bit	32-bit	64-bit	32-bit	64-bit
GFortran v4.6.2	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
GFortran v8.1	X	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Intel v12	X	X	✓	✓	✓	✓	X	✓	X	---	X	---	X	---	X	---	X	---	X
Intel v13	X	X	---	✓	✓	✓	X	✓	X	---	X	---	X	---	X	---	X	---	X
Intel v14	X	X	---	---	✓	✓	X	✓	X	---	X	---	X	---	X	---	X	---	X
Intel v15 (32-bit)	X	X	---	---	---	✓	X	✓	X	✓	X	✓	X	✓	X	---	X	---	X
Intel v15 (64-bit)	X	X	X	X	X	X	✓	X	✓	X	✓	X	✓	X	✓	X	---	X	---
Intel v16 (32-bit)	X	X	---	---	---	---	X	✓	X	✓	X	✓	X	✓	X	---	X	---	X
Intel v16 (64-bit)	X	X	X	X	X	X	---	X	✓	X	✓	X	✓	X	✓	X	---	X	---
Intel v17 (32-bit)	X	X	---	---	---	---	X	---	X	✓	X	✓	X	✓	X	---	X	---	X
Intel v17 (64-bit)	X	X	X	X	X	X	---	X	---	X	✓	X	✓	X	✓	X	---	X	---
Intel v18 (32-bit)	X	X	---	---	---	---	X	---	X	---	X	✓	X	✓	X	---	X	---	X
Intel v18 (64-bit)	X	X	X	X	X	X	---	X	---	X	---	X	✓	X	✓	X	---	X	---
Intel v19.0 (32-bit)	X	X	---	---	---	---	X	---	X	---	X	---	X	✓	X	---	X	---	X
Intel v19.0 (64-bit)	X	X	X	X	X	X	---	X	---	X	---	X	---	X	✓	X	---	X	---
Intel v19.1 (32-bit)	X	X	---	---	---	---	X	---	X	---	X	---	X	---	X	✓	X	---	X
Intel v19.1 (64-bit)	X	X	X	X	X	X	---	X	---	X	---	X	---	X	---	X	✓	X	---
Intel v19.2 (32-bit)	X	X	---	---	---	---	X	---	X	---	X	---	X	---	X	✓	X	✓	X
Intel v19.2 (64-bit)	X	X	X	X	X	X	---	X	---	X	---	X	---	X	---	X	✓	X	✓

✓ Compatible
X Not compatible
-- Not tested, might work

3.b Calling Pre-compiled Objects or Libraries – Changes as of Microsoft Visual Studio v2015 and Newer

Due to some changes made to the libraries in Microsoft® Visual Studio version 2015, for any PSCAD object (*.obj) or library (*.lib) that contains c-code:

- If the object or library was pre-compiled using VS2010, VS2012, VS2013, then it will only be supported with VS 2013 and older.
  The object or library will not be supported with VS2015 and newer.

- If the object or library was pre-compiled using VS2015 or newer, then it will only be only supported with VS 2015 and newer.
  The object or library will not be supported with VS2013 and older.

The above limitations are not present for any PSCAD object (*.obj) or library (*.lib) that does not contain c-code:

- If the object or library was pre-compiled using VS2010, VS2012, VS2013, then it will be supported with VS 2010 and newer.

- If the object or library was pre-compiled using VS2015 and newer, then it will be supported with VS 2010 and newer.

4. Intel Fortran Compilers and Visual Studio Compatibility

The following chart illustrates the compatibility history of Fortran compilers and Visual Studio.

Intel Fortran Compiler / Visual Studio (Microsoft)[1]	Intel® Fortran Composer XE 2011 v12.0/ v12.1	Intel® Fortran Composer XE 2013 v13.0/ v13.1	Intel® Fortran Composer XE 2013 (SP1) v14.0	Intel® Parallel Studio XE Composer Edition for Fortran 2015 v15 32-bit	2015 v15 64-bit	2016 v16 32-bit	2016 v16 64-bit	2017 v17 32-bit	2017 v17 64-bit	2018 v18 32-bit	2018 v18 64-bit	2019 v19.0 32-bit	2019 v19.0 64-bit	2020 v19.1 32-bit	2020 v19.1 64-bit	Intel oneAPI 2021 v19.2 32-bit	Intel oneAPI 2021 v19.2 64-bit
2005 (v8)	--- IVF ✓	--- IVF X	---	---	---	---	---	---	---	---	---	---	---	---	---	X	X
2008 (v9)	--- IVF ✓	---[4] IVF ✓	--- IVF ✓	--- IVF X	--- IVF X	---	---	---	---	---	---	---	---	---	---	X	X
2010 (v10)	--- IVF ✓	PSCAD✓ IVF ✓	PSCAD✓ IVF ✓	PSCAD✓ IVF ✓	PSCAD✓ IVF ✓	--- IVF ✓	--- IVF ✓	---	---	---	---	---	---	---	---	X	X
2012 (v11)[2]	---	--- IVF ✓	--- IVF ✓	--- IVF ✓	--- IVF ✓	--- IVF ✓	--- IVF ✓	--- IVF ✓	--- IVF ✓	IVF X	IVF X	---	---	---	---	X	X
2013 (v12)	---	---	--- IVF ✓	--- IVF ✓	--- IVF ✓	--- IVF ✓	--- IVF ✓	--- IVF ✓	--- IVF ✓	PSCAD X [6] IVF ✓	PSCAD X [6] IVF ✓	PSCAD X [6] IVF ✓	PSCAD X [6] IVF ✓	PSCAD X [6]	PSCAD X [6]	X	X
2015 (v14)[3]	---	---	---	PSCAD✓ IVF ✓ [5]	PSCAD✓ IVF ✓ [5]	--- IVF ✓	--- IVF ✓	--- IVF ✓	---[7] IVF ✓	IVF ✓	IVF ✓	IVF ✓	IVF ✓	---	---	X	X
2017 (v15)[3]	---	---	---	---	---	---	---	--- IVF ✓[19]	--- IVF ✓[9]	IVF ✓	[8] IVF ✓	[10] IVF ✓	[10] IVF ✓	IVF ✓	IVF ✓	PSCAD✓ IVF ✓	PSCAD✓ IVF ✓
2019 (v16)[3]	---	---	---	---	---	---	---	PSCAD X IVF X	PSCAD X IVF X	PSCAD X IVF X	PSCAD X IVF X	PSCAD✓ IVF[11]	PSCAD✓ IVF[11]	IVF ✓	IVF ✓	PSCAD✓ IVF ✓	PSCAD✓ IVF ✓

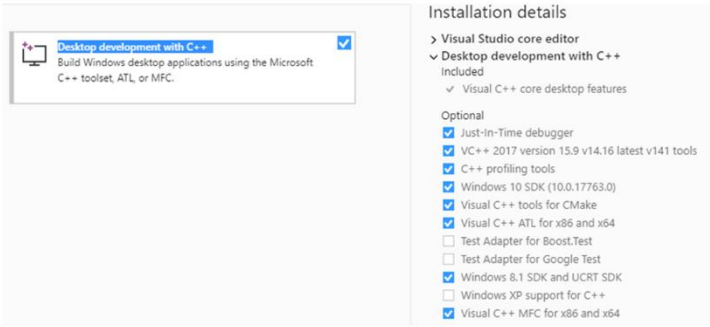
PSCAD✓	We support this combination (per internal testing)
PSCAD X	We do not support this combination (per internal testing)
IVF ✓	Intel Fortran officially supports this combination (per IVF Release Notes) (Note: earlier updates within an Intel version might not support this)
IVF X	Intel Fortran does not officially support this combination (per IVF Release Notes)
---	Unknown

1. When compiling projects containing C-code or components using DLLs, a VS edition containing a C-compiler must be installed. Refer to this article for more information.
2. It is not recommended to install Visual Studio 2012, as it can interfere with other Visual Studio installations even after the uninstallation of Visual Studio 2012.
3. Notes about Visual Studio 2015 and newer:
   a. Refer to this article to select your Visual Studio version and edition.
   b. Refer to this article regarding important changes to Microsoft Visual Studio 2015 and newer. PSCAD will need to be properly configured.

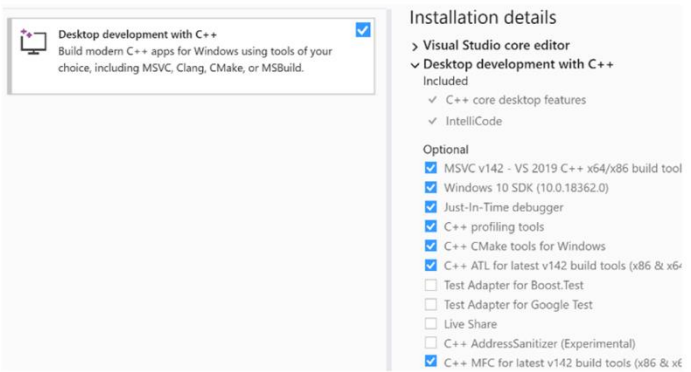
c. If installing a standalone edition of Visual Studio, ensure that the following options are SELECTED during the installation in order to be able to compile PSCAD cases using the Intel Fortran compiler:

VS 2015

VS 2017



VS 2019



4. This compiler/Visual Studio combination appears to work on our test computers without any problems, but our support may be limited.
5. Microsoft Visual Studio 2015 is supported with Intel Fortran 15 Update 5 and newer (15.0.5.280+).
   Note: One customer was able to run IVF15 Update 4 (15.0.4.221) and VS 2015.
6. Not supported with Visual Studio 2013 and earlier as of PSCAD v5 (refer to Chart 2.b).
7. In addition to Visual Studio 2015 Professional Edition being officially supported with Intel 17, Intel 17.0.210 also worked with Visual Studio 2015 Community Edition on a customer's machine.
8. In addition to Visual Studio 2017 Professional Edition being officially supported with Intel 18, Intel 18.0.185 also worked with Visual Studio 2017 Community Edition on a customer's machine.
9. Microsoft Visual Studio 2017 is supported with Intel Fortran 17 Update 4 and newer (17.0.4.210+).
10. In addition to Visual Studio 2017 Professional Edition being officially supported with Intel 19.0, Intel 19.0 also worked with Visual Studio 2017 Community Edition on a customer's machine.
11. Microsoft Visual Studio 2019 is supported with Intel 19.0 Update 4 and newer (19.0.4.228).
    Note: It is not officially documented whether the VS Community Edition is supported with IVF, however, one customer was able to run IVF 19.0 Update 5 and VS 2019 Community Edition.

5. Version of Visual Studio that comes Bundled with Intel Fortran

The following chart lists the version of Microsoft® Visual Studio Shell Edition (aka Premier Partner Edition) that comes bundled with an academic or commercial license for Intel Fortran version.

Note

Visual Studio software does not comes bundled with the free Intel Fortran trial edition nor with Intel Fortran 19 Update 3 and newer. Instead, Visual Studio software must be obtained and installed separately (and it must be installed prior to the installation Intel Fortran software to ensure integration between these two software). Refer to this article for details on obtaining and setting up software.

Intel Fortran Compiler / VisualStudio (Microsoft)	Intel® Fortran Composer XE				Intel® Parallel Studio XE Composer Edition for Fortran									
			2013		2015		2016		2017		2018		2019	
	2011 12.0	2011 12.1	13.0/ 13.1	2013 (SP1) 14.0	32-bit 15	64-bit 15	32-bit 16	64-bit 16	32-bit 17	64-bit 17	32-bit 18	64-bit 18	32-bit 19.0	64-bit 19.0
2008 (v9)	✓													
2010 (v10)		✓	✓	✓	✓	✓								
2012 (v11)[1]														
2013 (v12)							✓	✓	✓	✓				
2015 (v14)											✓	✓	✓[2]	✓[2]

✓ This version of Visual Studio comes bundled with the associated version of Intel Fortran.

1. This version of Visual Studio does not come bundled with any version of Intel Fortran.
2. As of Intel Fortran 2019 v19.0 Update 3 and newer, the Microsoft Visual Studio Shell Edition no longer comes bundled with a licensed edition of Intel Fortran.

6. Supported MATLAB and Fortran Compiler Compatibility Chart

The following chart represents known compatibility between MATLAB and Fortran compilers.

MATLAB Versions	GFortran 95	Intel Visual Fortran Composer XE			Intel Parallel Studio XE Composer Edition for Fortran											
		2011	2013 (SP1)		2015 (32-bit)	2015 (64-bit)	2016 (32-bit)	2016 (64-bit)	2017 (32-bit)	2017 (64-bit)	2018 (32-bit)	2018 (64-bit)	2019 (32-bit)	2019 (64-bit)	2020 (32-bit)	2020 (64-bit)
		v12	v13	v14	v15	v15	v16	v16	v17	v17	v18	v18	v19.0	v19.0	v19.1	v19.1
R2011b, 7.13	X	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X
R2012a, 7.14	X	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X
R2012b, 8	X	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X
R2013a, 8.1	X	✓	✓	X	X	X	X	X	X	X	X	X	X	X	X	X
R2013b, 8.2	X	✓	✓	X	X	X	X	X	X	X	X	X	X	X	X	X
R2014a, 8.3	X	✓	✓	X	X[2]	X	X	X	X	X	X	X	X	X	X	X
R2014b, 8.4	X	✓	✓	✓	X[2]	X[2]	X	X	X	X	X	X	X	X	X	X
R2015a, 8.5	X	✓	✓	✓	X	X	X	X	X	X	X	X	X	X	X	X
R2015b, 8.6	X	✓	✓	✓	X	X	X	X	X	X	X	X	X	X	X	X
R2016a, 9.0 (64-bit)	X	X	X[4]	X[4]	X	✓	X	✓	X	X	X	X	X	X	X	X
R2016b, 9.1 (64-bit)	X	X	X[4]	X[4]	X	✓	X	✓	X	X	X	X	X	X	X	X
R2017a, 9.2 (64-bit)	X	X	X[4]	X[4]	X	✓	X	✓	X	✓	X	X	X	X	X	X
R2017b, 9.3 (64-bit)	X	X	X[4]	X[4]	X	✓	X	✓	X	✓	X	X	X	X	X	X
R2018a, 9.4 (64-bit)[5]	X	X	X[4]	X[4]	X	✓	X	✓	X	✓	X	X	X	X	X	X
R2018b, 9.5 (64-bit)[5]	X	X	X	X	X	✓	X	✓	X	✓	X	✓	X	X	X	X
R2019a, 9.6 (64-bit)[5]	X	X	X	X	X	✓	X	✓	X	✓	X	✓	X	✓	X	X
R2019b, 9.7 (64-bit)[5]	X	X	X	X	X	X	X	X	X	✓	X	✓	X	✓	X	X

Supported MATLAB and Fortran Compiler Compatibility
(Source: https://www.mathworks.com/support/sysreq/previous_releases.html)

✓ Fortran compiler is officially supported by MATLAB
X Fortran compiler is not officially supported by MATLAB[1]

1. Although not supported, these combinations might work.
2. Internal testing has shown that these combinations work.
3. This combination was successfully run by a customer.
4. Although this combination is supported by Mathworks, it is not supported with PSCAD due to incompatible editions (Matlab is 64-bit and Intel is 32-bit).
5. Expected to work with PSCAD V5.

7. PSCAD/MATLAB Compatibility Chart

The following chart represents compatibility of combining PSCAD, MATLAB, and FORTRAN compilers.

MATLAB Versions	PSCAD Free Edition	PSCAD Beta Edition	PSCAD V5 v5.0.0
R2011b, 7.13	X	---	---
R2012a, 7.14	X	---	---
R2012b, 8	X	---	---
R2013a, 8.1	X	---	---
R2013b, 8.2	X	---	---
R2014a, 8.3	X	---	---
R2014b, 8.4	X	---	---
R2015a, 8.5	X	---	---
R2015b, 8.6	X	---	---
R2016a, 9.0[1]	X	---	---
R2016b, 9.1	X	---	---
R2017a (9.2)	X	---	---
R2017b (9.3)	X	---	---
R2018a (9.4)	X	---[2]	---[2]
R2018b (9.5)	X	---[2]	---[2]
R2019a (9.6)	X	---[2]	---[2]
R2019b (9.7)	X	---[2]	---[2]
Production Server	X	X	X

PSCAD/MATLAB Compatibility

X	This combination is not compatible
---	Not tested

1. As of R2016a and newer, Matlab is only available as a 64-bit application.
2. May work.

8. Supported Licensing

The following chart lists the compatibility history of PSCAD versions and corresponding supported licensing.

PSCAD Released Versions	Lock-based Licensing				Certificate Licensing
	License Manager Released Versions	Serial port locks	Parallel port locks	USB locks	
V5 (V5.0.0)	v1.45	X	X	✓	✓
V5 (Free)	X	X	X	X	✓
V5 (Beta)	X	X	X	X	✓

✓ Supported

X Not supported

DOCUMENT TRACKING

Rev.	Description	Date
0	Initial	11/Mar/2020
1	Updates to Intel oneAPI and Windows Server 2019 throughout; Update to Charts 1a, 1b, 2b, 3b General improvements	7/Apr/2021