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Allgemeine Hinweise zu den Kompatibilitätsaussagen von WinCC (TIA Portal)

Achtung

Die Freigabe für Betriebssystem und Internet Explorer ist nur aus Sicht von WinCC (TIA Portal). Bei allen anderen Produkten beachten Sie bitte die Hinweise der ReleaseNotes.
Beachten Sie bitte bei jeder Version die entsprechenden "InstallNotes" und "ReleaseNotes". Insbesondere die Softwarevoraussetzungen bezüglich der Microsoft Betriebssysteme.

Beachten Sie, dass alle nicht aufgeführten Betriebssysteme und SIMATIC-Komponenten sowie weitere Softwarepakete, in Bezug auf die Kompatibilität, weder getestet noch freigegeben sind.

Hinweise zu WinCC (TIA Portal)

- Die Software für die WinCC Runtime Optionen wird bei WinCC (TIA Portal) immer zusammen mit der Basis-Software auf einer DVD ausgeliefert und ist in dieser Kombination freigegeben.

Main product
WinCC Comfort/Advanced (TIA Portal) V16.0

Selected main product	Compatibility	Released product versions	Remarks / notes
WinCC Comfort/Advanced (TIA Portal) V16.0		WinCC Comfort/Advanced (TIA Portal) V16.0	**Click here to get compatibility information on the operating system of this product version.**

Operating system selected	Compatibility	Released product versions	Remarks / notes
	✅	Microsoft Windows 7 Ultimate (64-Bit) SP1	**Remark:** • **Operating system information on WinCC V7.4 SP1 Upd18** ○ When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 7. The WinCC ServiceMode is not released for this configuration.
		Microsoft Windows 7 Professional (64-Bit) SP1	**Remark:** • **Operating system information on WinCC V7.4 SP1 Upd18** ○ When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 7. The WinCC ServiceMode is not released for this configuration.
		Microsoft Windows 7 Enterprise (64-Bit) SP1	**Remark:** • **Operating system information on WinCC V7.4 SP1 Upd18** ○ When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 7. The WinCC ServiceMode is not released for this configuration.

		Microsoft Windows 10 Pro Version 1909 (64-Bit)	**Remark:**
			
			• **Operating system information on WinCC V7.4 SP1 Upd18**
			   ○ When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 10. The WinCC ServiceMode is not released for this configuration.
			   ○ Read also the entry **18752994**
			• **Operating system information on WinCC Comfort/Advanced (TIA Portal) V16.0**
			   ○ At least WinCC Comfort/Advanced (TIA Portal) V16 Upd1 must be installed.

Operating system selected	Compatibility	Released product versions	Remarks / notes

		Microsoft Windows 10 Pro Version 1903 (64-Bit)	**Remark:**
			• **Operating system information on WinCC V7.4 SP1 Upd18**
			  ○ When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 10. The WinCC ServiceMode is not released for this configuration.
			  ○ Read also the entry **18752994**

		Microsoft Windows 10 Enterprise Version 1909 (64-Bit)	**Remark:**
			• **Operating system information on WinCC V7.4 SP1 Upd18**
			  ○ When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 10. The WinCC ServiceMode is not released for this configuration.
			  ○ Read also the entry **18752994**
			• **Operating system information on WinCC Comfort/Advanced (TIA Portal) V16.0**
			  ○ At least WinCC Comfort/Advanced (TIA Portal) V16 Upd1 must be installed.

		Microsoft Windows 10 Enterprise Version 1903 (64-Bit)	**Remark:**
			• **Operating system information on WinCC V7.4 SP1 Upd18**
			  ○ When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 10. The WinCC ServiceMode is not released for this configuration.
			  ○ Read also the entry **18752994**

		Microsoft Windows 10 Enterprise LTSC 2019 Version 1809 (64-Bit)	
		Microsoft Windows 10 Enterprise LTSC 2016 Version 1607 (64-Bit)	**Remark:** • **Operating system information on WinCC V7.4 SP1 Upd18** ○ When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 10. The WinCC ServiceMode is not released for this configuration.
		Microsoft Windows Server 2016 Standard (64-Bit)	
		Microsoft Windows Server 2012 R2 Standard Edition (64-Bit)	**Remark:** • **Operating system information on WinCC V7.4 SP1 Upd18** ○ Microsoft Windows Server 2012 R2 is not approved for integrated operation in the SIMATIC Manager. If you use STEP 7 and the SIMATIC Manager, please use the approved version of Windows Server 2008 R2.

Additionally selected software	Compatibility	Released product versions	Remarks / notes
WinCC V7.4 SP1 Upd18	✅	**WinCC V7.4 SP1 Upd18**	**Click here to get compatibility information on the operating system of this product version.**
SIMATIC NET PC Software V16.0	✅	SIMATIC NET PC Software V16.0	**Click here to get compatibility information on the operating system of this product version.**

⚠ Please note that additional products affect the compatibility. If necessary, select further products in order to achieve a precise compatibility statement.

Operating systems

Operating system information on SIMATIC NET PC Software V16.0

Microsoft Windows 10	Compatibility	Remarks / notes

Microsoft Windows 10	Compatibility	Remarks / notes
Microsoft Windows 10 Pro Version 1909 (64-Bit)	☑	
Microsoft Windows 10 Pro Version 1903 (64-Bit)	☑	
Microsoft Windows 10 Pro Version 1809 (64-Bit)	☑	
Microsoft Windows 10 Enterprise Version 1909 (64-Bit)	☑	
Microsoft Windows 10 Enterprise Version 1903 (64-Bit)	☑	
Microsoft Windows 10 Enterprise Version 1809 (64-Bit)	☑	
Microsoft Windows 10 Enterprise LTSC 2019 Version 1809 (64-Bit)	☑	
Microsoft Windows 10 Enterprise LTSC 2016 Version 1607 (64-Bit)	☑	

Microsoft Windows 7	Compatibility	Remarks / notes
Microsoft Windows 7 Ultimate (64-Bit) SP1	☑	
Microsoft Windows 7 Professional (64-Bit) SP1	☑	
Microsoft Windows 7 Enterprise (64-Bit) SP1	☑	

Microsoft Windows Server	Compatibility	Remarks / notes
Microsoft Windows Server 2019 Standard Edition (64-Bit)	☑	
Microsoft Windows Server 2019 Datacenter Edition (64-Bit)	☑	
Microsoft Windows Server 2016 Standard (64-Bit)	☑	
Microsoft Windows Server 2016 Datacenter (64-Bit)	☑	
Microsoft Windows Server 2012 R2 Standard Edition (64-Bit)	☑	
Microsoft Windows Server 2012 R2 Enterprise Edition (64-Bit)	☑	

Operating system information on WinCC Comfort/Advanced (TIA Portal) V16.0

Microsoft Windows 10	Compatibility	Remarks / notes
Microsoft Windows 10 Pro Version 21H2 (64-Bit)	☑	• Es muss mindestens WinCC Comfort/Advanced (TIA Portal) V16.0 Upd5 installiert sein.
Microsoft Windows 10 Pro Version 21H1 (64-Bit)	☑	• Es muss mindestens WinCC Comfort/Advanced (TIA Portal) V16.0 Upd4 installiert sein.
Microsoft Windows 10 Pro Version 20H2 (64-Bit)	☑	• At least WinCC Comfort/Advanced (TIA Portal) V16 Upd3 must be installed.
Microsoft Windows 10 Pro Version 2004 (64-Bit)	☑	• At least WinCC Comfort/Advanced (TIA Portal) V16 Upd1 must be installed.
Microsoft Windows 10 Pro Version 1909 (64-Bit)	☑	• At least WinCC Comfort/Advanced (TIA Portal) V16 Upd1 must be installed.
Microsoft Windows 10 Pro Version 1903 (64-Bit)	☑	

Microsoft Windows 10	Compatibility	Remarks / notes
Microsoft Windows 10 Enterprise Version 20H2 (64-Bit)	☑	• At least WinCC Comfort/Advanced (TIA Portal) V16 Upd3 must be installed.
Microsoft Windows 10 Enterprise Version 2004 (64-Bit)	☑	• At least WinCC Comfort/Advanced (TIA Portal) V16 Upd1 must be installed.
Microsoft Windows 10 Enterprise Version 1909 (64-Bit)	☑	• At least WinCC Comfort/Advanced (TIA Portal) V16 Upd1 must be installed.
Microsoft Windows 10 Enterprise Version 1903 (64-Bit)	☑	
Microsoft Windows 10 Enterprise LTSC 2019 Version 1809 (64-Bit)	☑	
Microsoft Windows 10 Enterprise LTSC 2016 Version 1607 (64-Bit)	☑	
Microsoft Windows 10 Enterprise LTSC 2015 Version 1507 (64-Bit)	☑	

Microsoft Windows 7	Compatibility	Remarks / notes
Microsoft Windows 7 Ultimate (64-Bit) SP1	☑	
Microsoft Windows 7 Professional (64-Bit) SP1	☑	
Microsoft Windows 7 Enterprise (64-Bit) SP1	☑	

Microsoft Windows Server	Compatibility	Remarks / notes
Microsoft Windows Server 2019 Standard Version 20H2 (64-Bit)	☑	• At least WinCC Comfort/Advanced (TIA Portal) V16 Upd3 must be installed.
Microsoft Windows Server 2019 Standard Version 2004 (64-Bit)	☑	• At least WinCC Comfort/Advanced (TIA Portal) V16 Upd1 must be installed.
Microsoft Windows Server 2019 Standard Edition (64-Bit)	☑	
Microsoft Windows Server 2016 Standard Version 1909 (64-Bit)	☑	• At least WinCC Comfort/Advanced (TIA Portal) V16 Upd1 must be installed.
Microsoft Windows Server 2016 Standard (64-Bit)	☑	
Microsoft Windows Server 2012 R2 Standard Edition (64-Bit)	☑	

Operating system information on WinCC V7.4 SP1 Upd18

Microsoft Windows 10	Compatibility	Remarks / notes
Microsoft Windows 10 Pro Version 1909 (64-Bit)	☑	• When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 10. The WinCC ServiceMode is not released for this configuration. • Read also the entry 18752994
Microsoft Windows 10 Pro Version 1903 (64-Bit)	☑	• When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 10. The WinCC ServiceMode is not released for this configuration. • Read also the entry 18752994
Microsoft Windows 10 Pro Version 1809 (64-Bit)	☑	• When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 10. The WinCC ServiceMode is not released for this configuration. • Read also the entry 18752994

Microsoft Windows 10	Compatibility	Remarks / notes
Microsoft Windows 10 Pro Version 1803 (64-Bit)	☑	• When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 10. The WinCC ServiceMode is not released for this configuration. • Read also the entry **18752994**
Microsoft Windows 10 Pro Version 1709 (64-Bit)	☑	• When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 10. The WinCC ServiceMode is not released for this configuration. • Read also the entry **18752994** • If an upgrade to the Fall Creators Update took place, at least operating system build 16299.64 needs to be installed.
Microsoft Windows 10 Pro Version 1703 (64-Bit)	☑	• When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 10. The WinCC ServiceMode is not released for this configuration. • Read also the entry **18752994**
Microsoft Windows 10 Pro Version 1607 (64-Bit)	☑	• When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 10. The WinCC ServiceMode is not released for this configuration. • Read also the entry **18752994**
Microsoft Windows 10 Pro (64-Bit)	☑	• When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 10. The WinCC ServiceMode is not released for this configuration. • Read also the entry **18752994**
Microsoft Windows 10 Enterprise Version 1909 (64-Bit)	☑	• When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 10. The WinCC ServiceMode is not released for this configuration. • Read also the entry **18752994**
Microsoft Windows 10 Enterprise Version 1903 (64-Bit)	☑	• When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 10. The WinCC ServiceMode is not released for this configuration. • Read also the entry **18752994**
Microsoft Windows 10 Enterprise Version 1809 (64-Bit)	☑	• When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 10. The WinCC ServiceMode is not released for this configuration. • Read also the entry **18752994**
Microsoft Windows 10 Enterprise Version 1803 (64-Bit)	☑	• When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 10. The WinCC ServiceMode is not released for this configuration. • Read also the entry **18752994**
Microsoft Windows 10 Enterprise Version 1709 (64-Bit)	☑	• When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 10. The WinCC ServiceMode is not released for this configuration. • Read also the entry **18752994** • If an upgrade to the Fall Creators Update took place, at least operating system build 16299.64 needs to be installed.
Microsoft Windows 10 Enterprise Version 1703 (64-Bit)	☑	• When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 10. The WinCC ServiceMode is not released for this configuration. • Read also the entry **18752994**
Microsoft Windows 10 Enterprise Version 1607 (64-Bit)	☑	• When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 10. The WinCC ServiceMode is not released for this configuration. • Read also the entry **18752994**
Microsoft Windows 10 Enterprise LTSC 2019 Version 1809 (64-Bit)	☑	

Microsoft Windows 10	Compatibility	Remarks / notes
Microsoft Windows 10 Enterprise LTSC 2016 Version 1607 (64-Bit)	☑	• When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 10. The WinCC ServiceMode is not released for this configuration.
Microsoft Windows 10 Enterprise LTSC 2015 Version 1507 (64-Bit)	☑	• When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 10. The WinCC ServiceMode is not released for this configuration.
Microsoft Windows 10 Enterprise (64-Bit)	☑	• When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 10. The WinCC ServiceMode is not released for this configuration. • Read also the entry **18752994**

Microsoft Windows 7	Compatibility	Remarks / notes
Microsoft Windows 7 Ultimate (64-Bit) SP1	☑	• When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 7. The WinCC ServiceMode is not released for this configuration.
Microsoft Windows 7 Ultimate (32-Bit) SP1	☑	• When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 7. The WinCC ServiceMode is not released for this configuration.
Microsoft Windows 7 Professional (64-Bit) SP1	☑	• When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 7. The WinCC ServiceMode is not released for this configuration.
Microsoft Windows 7 Professional (32-Bit) SP1	☑	• When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 7. The WinCC ServiceMode is not released for this configuration.
Microsoft Windows 7 Enterprise (64-Bit) SP1	☑	• When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 7. The WinCC ServiceMode is not released for this configuration.
Microsoft Windows 7 Enterprise (32-Bit) SP1	☑	• When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 7. The WinCC ServiceMode is not released for this configuration.

Microsoft Windows 8.1	Compatibility	Remarks / notes
Microsoft Windows 8.1 Pro (64-Bit)	☑	• Microsoft Windows 8.1 is not approved for integrated operation in the SIMATIC Manager. If you use STEP 7 and the SIMATIC Manager, please use the approved version of Windows 7 or Windows Server 2008 R2. • When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 8.1. The WinCC ServiceMode is not released for this configuration.
Microsoft Windows 8.1 Pro (32-Bit)	☑	• Microsoft Windows 8.1 is not approved for integrated operation in the SIMATIC Manager. If you use STEP 7 and the SIMATIC Manager, please use the approved version of Windows 7 or Windows Server 2008 R2. • When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 8.1. The WinCC ServiceMode is not released for this configuration.
Microsoft Windows 8.1 Enterprise (64-Bit)	☑	• Microsoft Windows 8.1 is not approved for integrated operation in the SIMATIC Manager. If you use STEP 7 and the SIMATIC Manager, please use the approved version of Windows 7 or Windows Server 2008 R2. • When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 8.1. The WinCC ServiceMode is not released for this configuration.

Microsoft Windows 8.1	Compatibility	Remarks / notes
Microsoft Windows 8.1 Enterprise (32-Bit)	☑	• Microsoft Windows 8.1 is not approved for integrated operation in the SIMATIC Manager. If you use STEP 7 and the SIMATIC Manager, please use the approved version of Windows 7 or Windows Server 2008 R2. • When you use a maximum of three clients, you can operate a WinCC runtime server also in Windows 8.1. The WinCC ServiceMode is not released for this configuration.

Microsoft Windows Embedded	Compatibility	Remarks / notes
Microsoft Windows Embedded Standard 7 P (64-Bit) SP1	☑	• The operating system is only released in combination with SIMATIC IPC 4x7D and SIMATIC IPC 4x7E.
Microsoft Windows Embedded Standard 7 P (32-Bit) SP1	☑	• The operating system is only released in combination with SIMATIC IPC 4x7D and SIMATIC IPC 4x7E.
Microsoft Windows Embedded Standard 7 E (64-Bit) SP1	☑	• The operating system is only released in combination with SIMATIC IPC 4x7D and SIMATIC IPC 4x7E.
Microsoft Windows Embedded Standard 7 E (32-Bit) SP1	☑	• The operating system is only released in combination with SIMATIC IPC 4x7D and SIMATIC IPC 4x7E.

Microsoft Windows Server	Compatibility	Remarks / notes
Microsoft Windows Server 2016 Standard (64-Bit)	☑	
Microsoft Windows Server 2016 Datacenter (64-Bit)	☑	
Microsoft Windows Server 2012 R2 Standard Edition (64-Bit) Upd	☑	• Microsoft Windows Server 2012 R2 is not approved for integrated operation in the SIMATIC Manager. If you use STEP 7 and the SIMATIC Manager, please use the approved version of Windows Server 2008 R2.
Microsoft Windows Server 2012 R2 Standard Edition (64-Bit)	☑	• Microsoft Windows Server 2012 R2 is not approved for integrated operation in the SIMATIC Manager. If you use STEP 7 and the SIMATIC Manager, please use the approved version of Windows Server 2008 R2.
Microsoft Windows Server 2012 R2 Datacenter (64-Bit)	☑	• Microsoft Windows Server 2012 R2 is not approved for integrated operation in the SIMATIC Manager. If you use STEP 7 and the SIMATIC Manager, please use the approved version of Windows Server 2008 R2.
Microsoft Windows Server 2008 R2 Standard Edition (64-Bit) SP1	☑	
Microsoft Windows Server 2008 R2 Enterprise Edition (64-Bit) SP1	☑	