



COMPATIBILITY LIST V5.0

Legal Notice

Alarm IT Factory GmbH
Rotebühlstraße 51A
D-70178 Stuttgart

Chief Executive Officers (CEOs): M. Sc. Dipl.-Ing. (FH) Florian Glufke
Dipl. Ing. (FH) Peter Gunsser

Phone: + 49 711 62 007 69 – 0
Fax: + 49 711 62 007 69 – 9
E-Mail: info@alarm-it-factory.de

Registration court: Municipal court Stuttgart
Corporate ID number: HRB 744409

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1 General information

1.1 Available versions

Only the latest version 5.0 of the Alarm Control Center is available. The compatibilities indicated in this document are valid for the version

5.0

1.2 Virtual environments

The Alarm Control Center (ACC) can be run in virtual environments. Please note:

- The connection of the GSM terminal
For the serial connector of the GSM terminal a TCP/serial converter and an USB/serial converter is available.
- Installation of additional sending hardware
Plug-in cards of Dialogic and plug-in cards of other manufacturers require a PCI or PCIe slot. In this case please contact the ACC support for possible alternative solutions.

The system test of the ACC runs mainly on virtual machines (VMWare Workstation, VMWare ESX, HyperV). Many customers have been running the ACC on virtual machines for several years.

The support for ACC run in virtual environments does not differ from the support on "real" hardware.

There is no special ACC release for specific virtual machines. There have not been any installation problems on virtual machines in the past. There is also no special release for "real" hardware of different manufacturers (Siemens, Fujitsu, HP ...).

2 Compatibility WinCC, PCS7 and WinCC RT Professional

The following table indicates the versions of WinCC, PCS7 and WinCC RT Professional, to which the WinCC and PCS7 agents are compatible.

For WinCC and PCS7 Server/Client systems the agent must be installed on the individual WinCC/PCS7 Servers. There is no release for the installation of the agent on a client or multi-client, since this may cause malfunctions.

WinCC Version	PCS7 Version	WinCC RT Professional
V7.0 without SP, with SP1 to SP3	V8.0 ¹ without SP, with SP1, SP2	V11 without SP, with SP1, SP2
V7.2 ¹	V8.1 ² without SP, with SP1	V12 without SP, with SP1
V7.3 ²	V8.2 ³	V13 without SP, with SP1, SP2
V7.4 without SP, with SP1	V9.0 without SP, with SP1	V14 without SP, with SP1
V7.5		V15

¹ For the usage with WinCC V7.2 and PCS7 V8.0 SP2 at least WinCC V7.2 Update 7 is necessary. This can be found on the ACC USB flash drive in the folder .\WinCC_PCS7\

² For the usage with WinCC V7.3 and PCS7 V8.1 at least WinCC V7.3 Update 6 is necessary. This can be found on the ACC USB flash drive in the folder .\WinCC_PCS7\

³ To create free text blocks in the process view from PCS7 SIMATIC PCS 7 AS/OS-Engineering V8.2 SP1 is necessary. This can be found on the ACC USB flash drive in the folder .\WinCC_PCS7\

3 Compatibility of the ACC Agents with the WinCC/PCS7/WinCC RT Professional Versions

The ACC provides different agents for WinCC, PCS7 and WinCC RT Professional. Depending on what version of WinCC, PCS7 respectively WinCC RT Professional is in use, a special agent is necessary. The following three tables indicate which agent has to be used in combination with a definite version of WinCC, PCS7 respectively WinCC RT Professional.

WinCC Version	ACC Agent
V7.0 (without SP, with SP1 to SP3)	WinCC Agent V7 and PCS7 V8
V7.2 ¹	WinCC Agent V7.2
V7.3	WinCC Agent V7.2
V7.4 (without SP, with SP1)	WinCC Agent V7.2
V7.5	WinCC Agent V7.2

PCS7 Version	ACC Agent
V8.0 (without SP, with SP1)	WinCC Agent V7 and PCS7 V8
V8.0 SP2	PCS7 Agent V8.0 SP2
V8.1 (without SP, with SP1)	PCS7 Agent V8.0 SP2
V8.2	PCS7 Agent V8.0 SP2
V9.0 (without SP, with SP1)	PCS7-Agent V8.0 SP2

WinCC RT Professional	ACC Agent
V11 (without SP, with SP1, SP2)	WinCC Agent V7 and PCS7 V8
V12 (without SP, with SP1)	WinCC Agent V7 and PCS7 V8
V13 (without SP)	WinCC Agent V7 and PCS7 V8
V13 (with SP1, SP2)	WinCC Agent V7.2 ²
V14 (without SP, with SP1)	WinCC Agent V7.2 ²
V15	WinCC Agent V7.2 ²

¹ For the usage with WinCC V7.2 and PCS7 V8.0 SP2 at least WinCC V7.2 Update 7 is necessary. This can be found on the ACC USB flash drive in the folder .\WinCC_PCS7\

² The usage of ACC Control is not possible.

4 Compatibility Operation Systems, Database Systems and Browser

The following table indicates the versions of Windows, Database MS SQL and Internet Browser, to which the Alarm Control Center is compatible.

Windows	Database MS SQL Server	Browser
Server 2008 R2 SP1 (64 Bit)	SQL Server 2008 R2 SP3 ²	Microsoft Edge
Server 2012 R2 (64 Bit)	SQL Server 2012 SP2 ²	Internet Explorer 11 ^{3,4}
Windows 10 Pro (64-Bit) ¹	SQL Server 2014 SP2 ²	
Windows Server 2016	SQL Server 2016 SP2 ²	
	SQL Server 2017 ²	

¹ Only enabled for Windows 10 Pro and Windows 10 Enterprise

² The Alarm Control Center is delivered together with the SQL Server 2012 Express. The indications in the above column have only to be considered, if the delivered SQL Server is not installed, but an own SQL Server is used.

³ IE 11 is not compatible with Server 2008 R2 SP2: the print function is faulty.

⁴ Internet Explorer 11 from version 11.228.17134.0 enabled.

5 Compatibility Hardware

The following table indicates the hardware, to which the Alarm Control Center is compatible.

GSM Terminals	beroNet	Dialogic Diva Server	Other
Cinterion MC52i	BF4002GSMBox (2GSM)	Diva Server 4BRI – 8 PCIe (306-341)	Devolo MicroLink 56k i
Cinterion MC55i	BF4002SO2FXSBox (1BRI/So/2FXS/Analog)	Diva Server Analog – 2 PCI (306-302)	WuT TCP/seriell Com-Server Highspeed Industry 58665
Cinterion MC55i-W	BF4004FXOBox	Diva Server Analog – 2 PCIe (306-386)	WuT USB <> RS232 Interface Cable 2 38011
Cinterion PHS8-P	BFSB1SO (1BRI/SO Small)	Diva Server BRI – 2 FX v2 (306-173)	
Cinterion PLS8-E	BFSB4XO (4FXO/Analog)	Diva Server BRI – 2 PCIe (306-342)	
	Gateway BFSB2SO (2BRI/SO)	Diva Server PRI/E1/T1 – CTlv3 (306-211)	
		Diva Server UM 4BRI – 8 PCIe (306-380)	
		Diva Server UM BRI – 2 PCIe (306-382)	
		Diva Server V-PRI/E1 – 30 PCIe (306-315)	

6 Compatibility ACC App

The following table indicates the platforms, to which the Alarm Control Center is compatible.

iPhone	iPad	Android
iPhone 4S	iPad 2	Starting from Version 2.3
iPhone 5	iPad 3	
iPhone 5C	iPad 4	
iPhone 5S	iPad mini	
iPhone SE	iPad mini 2	
iPhone 6	iPad mini 3	
iPhone 6 Plus	iPad mini 4	
iPhone 6S	iPad Air	
iPhone 6S Plus	iPad Air 2	
iPhone 7	iPad Pro	
iPhone 7 Plus		
iPhone 8		
iPhone 8 Plus		
iPhone X		

7 Software and Hardware Requirements

7.1 Software requirements for the Core System

- .NET 4.5 SP2 (is installed automatically)
- IIS Version 7
- Enable port 80 for access from a client to the webbased user interface

7.2 Hardware requirements for the Core System and the Remote Agents

- Computer with Pentium 4 and at minimum 2,6 GHz processor
- 1 GB RAM / 10 GB free space on hard disk

Note: The hardware requirements depend to the amount of sent messages and other running applications. In certain cases, the requirements may rise.