

Software compatibilities for correlative and connected microscopy

ZEN blue, ZEN core, AV, SmartSEM with RemoteAPI



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Software ZEN blue in combination with software SmartSEM



SW for LIM / SW for EM \ ZEN Version	ZEN 2012 DVD 46 32bit/ 64bit	ZEN 2012 SP2 DVD 52 32bit/ 64bit	ZEN 2 DVD 54 64bit	ZEN2.1 DVD 57/59 64bit	ZEN2.3 DVD 64/68 64bit	ZEN2.3 SP1 DVD 69/71 64bit	ZEN 2.5 DVD75 64bit	ZEN 2.6 DVD76 64bit	ZEN 3.0 DVD79 64bit	ZEN 3.1 DVD81 64bit	ZEN 3.2 DVD85 64bit	ZEN 3.3 DVD89 64bit
SmartSEM 5.05 32 bit	Validated	Not validated	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
SmartSEM 5.06 32 bit	Not validated	Validated	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
SmartSEM 5.07 32 bit /64bit	Not applicable	with Hotfix "SmartSEM for ZEN"	Validated	Not validated	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
SmartSEM 5.09 64 bit	Not applicable	Skip error at the beginning	with Hotfix "SmartSEM"	Validated	Not validated	Not validated	Not validated	Not validated	Not validated	Not validated	Not validated	Not validated
SmartSEM 5.09 Sp10	Not applicable	manually install Api Client 5.2	with Hotfix "SmartSEM" + manually install Api Client 5.2	manually install Api Client 5.2	Not validated	Not validated	Not validated	Not validated	Not validated	Not validated	Not validated	Not validated
SmartSEM 6.0	Not applicable	Not applicable	with Hotfix "SmartSEM" + manually install Api Client 5.3	manually install Api Client 5.3	Validated	Validated	Validated	Not validated	Not validated	Not validated	Not validated	Not validated
SmartSEM 6.01	Not applicable	Not applicable	Not validated	Not validated	Validated	EVO, Sigma (in Cambridge)	EVO, Sigma (in Cambridge)	Not validated	Not validated	Not validated	Not validated	Not validated
SmartSEM 6.03	Not applicable	Not applicable	Not validated	Not validated	Not validated	Not validated	EVO, GeminiSEM, Crossbeam, Merlin	Not validated	Not validated	Not validated	Not validated	Not validated
SmartSEM 6.05	Not applicable	Not applicable	Not validated	Not validated	Not validated	Not validated	Not validated	Validated	Validated	Validated	Validated	Validated
SmartSEM 6.06	Not applicable	Not applicable	Not validated	Not validated	Not validated	Not validated	Not validated	Not validated	Validated	Validated	Validated	Validated
SmartSEM 6.07	Not applicable	Not applicable	Not validated	Not validated	Not validated	Not validated	Not validated	Not validated	Not validated	Not validated	Validated	Validated
SmartSEM 6.08	Not applicable	Not applicable	Not validated	Not validated	Not validated	Not validated	Not validated	Not validated	Not validated	Not validated	Not validated	Validated

- S&F is available in all listed ZEN versions

- CAT available in DVD59 and higher

- ZEN Connect available in DVD75 and higher

Validated	Validated
Not validated	Not validated
Not applicable	Not applicable

Software ZEN2Core in combination with software SmartSEM



SW for LIM / SW for EM	ZEN2CoreSP1 DVD 66 64bit	ZEN2Core24 DVD 73 64bit	ZEN2Core25 DVD 74 64bit	ZEN2Core26 DVD 77 64bit	ZEN2Core27 DVD 80 64bit	ZEN2Core3.0 DVD 83 64bit	ZEN2Core3.1 DVD 88 64bit	ZEN2Core3.2 DVD 90 64bit
SmartSEM 5.09 Sp10	EVO, Sigma, Merlin, GeminiSEM							
SmartSEM 6.0		Merlin, EVO (LREM)						
SmartSEM 6.01 SP3		Merlin, EVO(LREM), EVO(ASAP), GeminiSEM, Crossbeam	Merlin					
SmartSEM 6.02 SP1		EVO(LREM), EVO(ASAP), Crossbeam	Merlin					
SmartSEM 6.03 Alpha12, or beta9		EVO(LREM, white line), EVO(ASAP), GeminiSEM, Crossbeam						
SmartSEM 6.03 SP1		EVO(ASAP), GeminiSEM, Sigma and EVO(in Cambridge)	Merlin, EVO, Gemini, Crossbeam					
SmartSEM 6.04 Alpha 2 (30-Jan-18)			Crossbeam (except live image, doesn't work)					
SmartSEM 6.05								
SmartSEM 6.06								
SmartSEM 6.07								
SmartSEM 6.08								
SmartSEM 6.09								

- S&F available from DVD 66 or higher
- ZEN Connect available in DVD77 and higher

	Validated
	Not validated
	Not applicable

Software AxioVision in combination with software SmartSEM



SW for LIM1 SW for EM	AV 4.9 64bit AV 4.8.2 SP2 32bit DVD 45	AV 4.9.1 64bit AV 4.8.2 SP2 32bit DVD 48	AV 4.9.1 SP1 64bit AV 4.8.2.SP3 32bit DVD 50	AV 4.9.1 SP2 64bit DVD 60
SmartSEM 5.05 32 bit				
SmartSEM 5.06 32 bit			For CAPA: SmartSEM5.06 SP4, SmartPI V02.01SP5	
SmartSEM 5.07 32 bit /64bit			For CAPA: manual install. as 32 bit application (for 64 bit EM computer) ----- 4.9.1. SP1 with Hotfix8 (for 64 bit)	4.9.1 SP2 with HF2 manually install Api Client 4.0
SmartSEM 5.09 64 bit			For CAPA: SmartPI V02.01\SP7 needed ----- 4.9.1. SP1 with Hotfix8 (for 64 bit)	4.9.1 SP2 with HF2 manually install Api Client 5.1
SmartSEM 5.09 Sp10 64bit			4.9.1 SP1 with HF8 manually install Api Client 5.2	4.9.1 SP2 with HF2 manually install Api Client 5.2
SmartSEM 6.0 64bit			4.9.1 SP1 with HF8 manually install Api Client 5.3	4.9.1 SP2 with HF2 manually install Api Client 5.3
SmartSEM 6.1 64bit			4.9.1 SP1 with HF8 manually install Api Client 5.3	4.9.1 SP2 with HF2 manually install Api Client 5.3

- S&F in all versions of AV 4.9.xx and AV 4.8.xx
- CAPA only available in AV 4.8.2 SP2 and AV 4.8.2 SP3

	Validated
	Not validated
	Not applicable

Compatibility of software SmartSEM with RemoteApi



SmartSEM \ Remote Api	3.6	3.7	4.0	5.1	5.2	5.3	5.4
SmartSEM 5.05 - 32 bit							
SmartSEM 5.06 - 32 bit							
SmartSEM 5.07 - 32 bit /64bit							
SmartSEM 5.09 - 64 bit							
SmartSEM 5.09 SP10 - 64 bit							
SmartSEM 6.0 - 64 bit							
SmartSEM 6.01 - 64 bit							
SmartSEM 6.02 - 64 bit							
SmartSEM 6.03 - 64 bit							
SmartSEM 6.05 - 64 bit							
SmartSEM 6.06 - 64 bit							
SmartSEM 6.07 - 64 bit							
SmartSEM 6.08 - 64 bit							
SmartSEM 6.09 - 64 bit							

Included Api Client on ZEN DVD:

- ZEN 2012 with Hotfix: Api 4.0
- ZEN 2.0: Api 4.0
- ZEN 2.1: Api 5.1
- AV 4.9.1Sp1with Hotfix: Api 4.0
- ZEN 2.3: Api 5.3
- ZEN 2.5: Api 5.4
- ZEN 2.6: Api 5.4

- SmartSEM installation includes Remote Api **Server** installation
- ZEN installation includes Remote Api **Client** installation

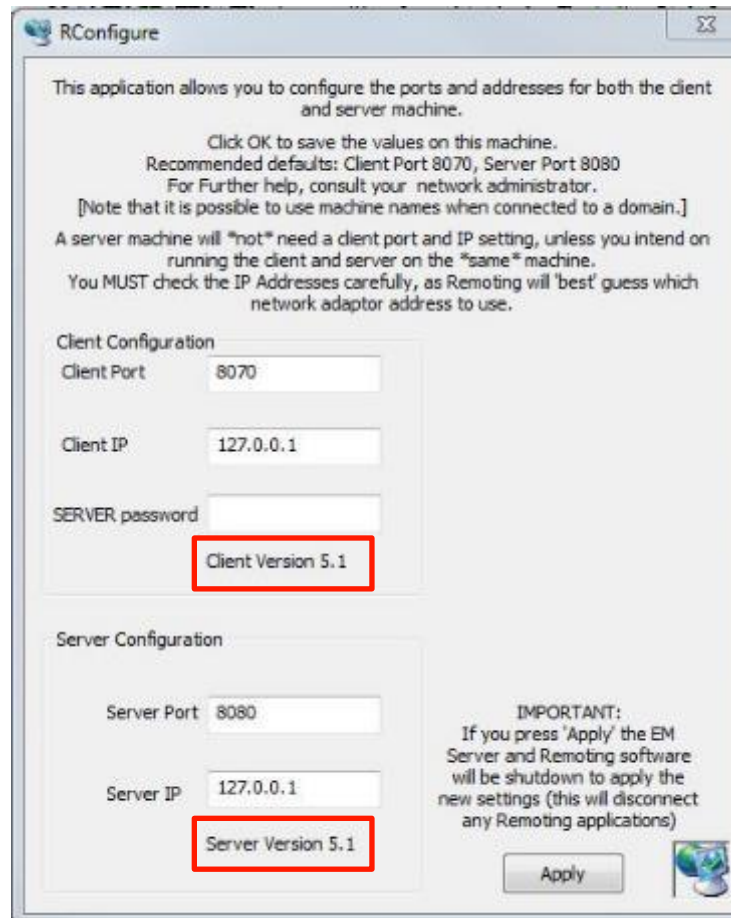
! Identical Server and Client versions must be installed for successful Corrmic application !

- Api Client installation .exe can be found in the SmartSEM folder „Remoting“ or in the ZEN folder „SmartSEM Remote API“

RC Configure tool to check the versions

Client and server version must be identical !

You always have to adapt the client version, do not change server version



The screenshot shows the RConfigure application window. It contains instructions at the top and two main configuration sections: Client Configuration and Server Configuration. In the Client Configuration section, the 'Client Version' is set to 5.1 and is highlighted with a red box. In the Server Configuration section, the 'Server Version' is also set to 5.1 and is highlighted with a red box. Other settings include Client Port (8070), Client IP (127.0.0.1), Server Port (8080), and Server IP (127.0.0.1). An 'Apply' button is at the bottom right.

This application allows you to configure the ports and addresses for both the client and server machine.

Click OK to save the values on this machine.
Recommended defaults: Client Port 8070, Server Port 8080
For Further help, consult your network administrator.
[Note that it is possible to use machine names when connected to a domain.]
A server machine will *not* need a client port and IP setting, unless you intend on running the client and server on the *same* machine.
You MUST check the IP Addresses carefully, as Remoting will 'best' guess which network adaptor address to use.

Client Configuration

Client Port: 8070

Client IP: 127.0.0.1

SERVER password:

Client Version 5.1

Server Configuration

Server Port: 8080

Server IP: 127.0.0.1

Server Version 5.1

IMPORTANT:
If you press 'Apply' the EM Server and Remoting software will be shutdown to apply the new settings (this will disconnect any Remoting applications)

Apply

Support:

„techsupport.lm.microscopy.jena@zeiss.com“
„techsupport.corrmic.microscopy@zeiss.com“

Infos:

- ZEISS Download center (software and hotfixes):
<https://www.zeiss.com/microscopy/int/downloads.html>
- Corrmic Sharepoint with additional infos:
<https://zeiss.sharepoint.com/sites/06283/CorrMic%20Information%20repository/Forms/AllItems.aspx>



We make it visible.