

Configuring/updating a floating license



This guide is composed for **server**, **student or try-out** licenses.

If you have a student or try-out license, just follow this side and **ignore all mentioning of 'server' and 'client' or 'USB key'**. For student or try-out license all these steps are done on the same machine (without USB key).

Step 1 (server): Check if Scia License Server (FlexNET) is installed

On the machine where you want to load in the licenses, make sure Scia License Server 2.2.3 (or newer) is installed (under 'Control Panel → Programs'). If necessary, <u>download Scia License Server</u>. (http://nemetschek-scia.com/en/support/downloads/setup-flexnet-scialicense-server)

	Name	Publisher	Size	Version
	🍞 Scia Engineer 2013	Nemetschek Scia	1,32 GB	13.0.2030
	🐨 Scia Engineer 2013 1	Nemetschek Scia	1 91 GB	13 1 1048
	🔂 Scia Licence Server	Nemetschek Scia	37,1 MB	2.2.3
1	Sentinel Protection Inst	SafeNet, Inc.	5,54 MB	1.6.6

If the **Scia License Server** is installed, you will have the next shortcuts in the start menu (image on the right)

Ŋ	Questions/problems? \rightarrow See the chapter about Step 1 (p.5)
	- Scia Engineer keeps saying 'license server is outdated'



Step 2 (server): Open the activation manager and activate the license

Open the activation manager on the machine where you want to load in the licenses:

- 1. Select the license (you can add it through 'Read Licence ID' by selecing the .LID file);
- 2. Click on 'Return License' (if it's greyed out, then go directly to 'Activate License');
- 3. Then hit 'Activate Licence' (the circle before the 'Licence ID' number will become green).

Scia Activation manager		a factor		
ia Activation server URL:	http://activation.scia-online.com:80/			Network settings
icence ID Name of licence	Licence Status	FlexNET ID		Read Licence ID
630643 for Support	Returned to Nemetschek Scia	FLEXID=9-310E5255		Delete Licence ID
	1. Select			Edit licence name
			3.	Activate Licence
			I	Reload Licence
			2.	Return Licence
			Ţ	Repair Licence
				Close

<u>Important:</u> '*Activate license*' will not work through remote desktop if you have a USB license key! You must be physically behind the machine (for virtual machines, use the console (mostly vSphere)). (this remark does not apply on student or try-out licenses)

🖑 Qu	estions/problems? \rightarrow Go to the chapter about Step 2	(p.6)
- V	Vhere can I get this lid file?	
- V	Vhat is 'updating' your license?	
- V	Vhat are the license statuses?	(p.7)
- A	message appears when I click on 'Activate License'	(p.8)



Step 3 (server): Open FlexNET License Administrator

Open the FlexNET License administrator. See step 1 for the shortcut.

1. Go to **'Administration'** (the top right button). The default username and password is **admin**. If the password is changed (after 1st login), then the new password must be used (username remains 'admin').

FLEXNET" Remember the 'port' and 'host name'! (In this case: port = 27000, host = M4600-Jef) System Information FLEXNET" Release Version: 11.10.0 d Ad System License Server Manager Port in Use: 27000 Display: M4600-Jef You must sign into the Administration area. Click here to go to the Sign In page Host Name: M4600-Jef ---Host Domain Name: M4600-Jef.scia-online.com <u>System</u> IPv4 Address: 192.168.0.121 IPv6 Address: 2001:0:5ef5:79fd:1029:4aa:3f57:ff86 IPv6 Address: fe80:0:0:0:0:5efe:c0a8:79 IPv6 Address: fe80:0:0:0:1029:4aa:3f57:ff86 IPv6 Address: fe80:0:0:0:ecfa:6cef:a7d2:9e0f Ethernet Address: 0024d7e60684 2. Sign In Ethernet Address: d067e5308d6f User Na Volume Serial Number: 9c2e292b admir Local Stop Server Allowed: Yes Remote Stop Server Allowed: No → admin License Reclaim Allowed: No Remember me A Submit Cancel

2. Go to 'Vendor Daemon Configuration' and check if 'Status' = RUNNING.

(;;;) F	LEXNET"				User Name: admir	Help Sign Out	
					Dashbo	oard Administration	
System Information	Vendor Daemons						
User	Name 🔺	Status	FLEXnet Publisher Version	Port			
Configuration	SCIA	RUNNING	11.10	61466	<u>Administer</u>	<u>Delete</u>	
Alert Configuration Everer Configuration							
	 ✓ Ques - Wh - Ho - Wh 	stions/problems? hat to do if I can't s w can I change the hat to do if my stat	→ Go to the chapter about see the 'FLEXNET' page? e port number? sus is not 'RUNNING'?	Step 3 (p.10) (p.11) (p.13) (p.14)			



Step 4 (client): The protection setup

In the next step, we will open the **protection setup** and find the licenses.

If you have opened the protection setup, you must choose the correct type of license.

Try-out/test license

Set the type to '**TRY-OUT**' and click '**APPLY / REFRESH**'. You can check the licenses by clicking '**EXPAND**'.

If the box is empty, then set the type to 'FLOATING' and path = @LOCALHOST.

Student license

Set the type to '**STUDENT**' and click '**APPLY / REFRESH**'. You can check the licenses by clicking '**EXPAND**'. If the box is empty, then set the type to '**FLOATING**' and path = @LOCALHOST.

Official server license

Set the type to '**FLOATING**' and fill in the path. The path is composed like this: **PORT** @ **SERVER**

- The PORT NUMBER and HOST NAME are shown in THE SYSTEM INFORMATION IN STEP 3.
- The SERVER NAME can be either the 'HOST NAME', or the 'IPv4 Address'

FLEXNET	User Name: ac Das	imin Pelp Sign Out hboard <u>Administration</u>
Signation Signation	Protection setup Licence number(s): 554155 Type Try-out Only standalone Only floating First standalone, then floating First standalone, then floating First standalone, then floating First floating, then standalone Student Software floating protection Licence server path [(e.g.: http://localserver/182/, 7182@localserver)] Z 7000@M4600-lef Sets of modules: All available modules Available commercial modules: Ill echnical modules for lock-generation (SCIA and Dealers Only)	OK Apply / Refresh Cancel Save set of modules Import set of modules Remove set of modules Remove set of modules Select All Clear All Clear All

Click on 'APPLY / REFRESH' and you should see licenses below.

[™] Questions/problems? → Go to the chapter about Step 4 (p.16)
 - If I hit 'Apply/refresh', the box stays empty... (p.11)
 - How can I see who is using which license? (p.13)

Scia Concrete Section 2.1 Default Program 📗 Scia Design Forms 5.2 퉬 Scia Engineer 14 Help and Support 😤 Help for Scia Engineer 🌾 Protection setup 🌾 Scia Engineer 1 🖑 🍞 Scia EOT 🍞 Scia ODA 14 🐌 BIM tools 4 Back Search programs and files ρ Shut down 👂

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Now you're done!

.... Unless something went wrong.

In that case, go to the correct chapter indicated under "Questions/problems" in the step that went wrong...



Step 1. Installation of Scia License Server (FlexNET)

On the machine where you want to load in the licenses, make sure Scia License Server 2.2.3 (or newer) is installed (under 'Control Panel → Programs'). If necessary, <u>download Scia License Server</u>. (http://nemetschek-scia.com/en/support/downloads/setup-flexnet-scia-license-server)

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	🔂 Scia Licence Server	Nemetschek Scia	37,1 MB	2.2.3
1	Sentinel Protection Inst	SateNet, Inc.	5.54 MB	7.6.6

If the Scia License Server is installed, you will have the next shortcuts in the start menu (image on the right)



POSSIBLE PROBLEM

\rightarrow AN ERROR MESSAGE APPEARS DURING INSTALLATION

Try the solution suggested below

→ SCIA ENGINEER KEEPS SAYING 'LICENSE SERVER MANAGER OUTDATE'

- 1. It will say this if the installed Scia License Server is too old (older than v.2.2.0)
- 2. You must update the 'Scia License server' by installing the latest version
 - a. Check under 'Control Panel \rightarrow programs' what the version is
 - b. If the message persists, it will be necessary to stop several services first. For this, use '*Option 1*' in the solution given below and reinstall the setup.

SOLUTION

TRY TO STOP THE THING WHICH IS BLOCKING THE INSTALLATION TO INSTALL/UPDATE ALL FILES

OPTION 1: Stop 'LMADMIN.EXE' and 'SCIA.EXE' and rerun the installation.

- Hit the Windows 'Start' button and type in 'Services.msc' (+ ENTER)
- If you can find the services *'Imadmin.exe'* and/or '*scia.exe'*, then stop them both.



3. If you cannot find these services, then go to option 2.

OPTION 2: Contact Scia support

- → Send the image of the message
- → Indicate that you contacted the guide "Updating floating license" (and what you tried)
- \rightarrow Ask for a possible solution

AFTER APPLYING THESE STEPS, PLEASE PROCEED WITH THE STEPS ON P.1, 2, 3.



Step 2. Using the Activation manager

If the **Scia License Server** is installed, you will have the '**Activation manager**' shortcut in the start menu (image on the right). The shortcut also refers to the following path: C:\Program Files (x86)\Common Files\Scia\LicenceServer\ActivationUtility\Activationutility.exe



POSSIBLE QUESTIONS/PROBLEMS

\rightarrow What if my Activation Manager is empty?

- 3. Click on 'Read License ID'
- 4. Select the LID file (for the image above, it would be "SCIA630643.lid")

→WHERE CAN I GET THIS LID FILE?

It was sent to you by Scia. You can probably find it in your mail box (for student/try-out). This LID file does not need to be updated (never ever).

\rightarrow What do I have to do when I have to 'update' my license?

'Updating' your license, is no more than clicking on 'Activate License' again. (It might be necessary to return the license first (with the button 'Return License'))

→What does the little image before License ID mean (usually that little circle)?

This indicates the status of the license (see also chapter 2.1, p.7) It should become green after clicking on 'Activate License'.

\rightarrow I CLICK ON 'ACTIVATE LICENSE', BUT I GET AN SOME KIND OF MESSAGE...

More explanation can be found in chapter 2.2, p.8.



2.1 License status

2.1.1 Blue circle – new license

This means that you just clicked on 'Read License ID' and have not activated the license yet.

🦻 Scia Activ				
Scia Activation server URL: http:		http://activation.scia-online.com:8	/activation.scia-online.com:80/	
Licence ID	Name of licence	Licence Status	FlexNET ID	Read Licence ID
121081		Not yet activated	7D05D47F	Delete Licence ID

2.1.2 Green circle - working perfectly

This means that the **license** is currently **activated** on this machine.

l	Scia Activation server URL: http://activation.scia-online.com:80/				Network settings
l	Licence ID	Name of licence	Licence Status	FlexNET ID	Read Licence ID
	121081		Active	FID_SCIA_2097534079121081	Delete Licence ID

2.1.3 Grey circle – license is returned

The license is not on this machine. It has been returned to Nemetschek Scia.

Scia Activation server URL:		http://activation.scia-online.com:80/			Network settings		
Licence ID	Name of licence	Licence Status	FlexNET ID		Read Licence ID		
121081		Returned to Nemetschek Scia	FID_SCIA_2097534079121081		Delete Licence ID		

2.1.4 Yellow circle – license must be repaired

This means that something went wrong during 'Return License'. The license was not completely returned. Select the license and click on '**Repair License**' to solve the problem.

l	Scia Activation server URL:		http://a	http://activation.scia-online.com:80/		Network settings				
Į	Li	icence ID	Name of licence		Licence Status		FlexNET ID		Read Licence ID	
l		123643			Not active		FID_SCIA_1415585151123643	Ē	Delete Licence ID	
<u>G</u>	ener	<u>al:</u> This o	ccurs when the cor	nnection	fails during 'Return	License	'. Use a good internet connect	ion	use 'Repair license.	

<u>Server license</u>: The 'Repair license' button might not be enabled for a server license (number 6xxxxx). Contact Scia Support and ask them to allow 'repair license' for this license ID.

2.1.5 Red Question mark – license files on machine are damaged

The license on the machine has been damaged. Something has messed with the trusted storage. Usually it is your anti-virus. Use '**Repair License**' to solve this problem.

	Scia Activation server URL:		http://activation.scia-online.com:80/	Network settings		
ļ	Licence ID	Name of licence	Licence Status	FlexNET ID	Read Licence ID	
	123643		Not in trusted storage	FID_SCIA_1415585151123643	Delete Licence ID	
<u>General:</u> Add 'C:\ProgramData\FLEXnet' to the exceptions of your anti-virus to prevent this problem from occurring over and over again!						
<u>s</u>	erver license:	The 'Repair licer Contact Scia Su	se' button might not be enable pport and ask them to allow 'rep	d for a server license (number 6 pair license' for this license ID.	xxxxx).	



2.2 Messages when using 'Activate license'

If you click one 'Activate License' in the protection setup, one of the following messages will appear.

2.2.1 Please note ...

SCIA Activa	ation Manager
	Please note, that the licence is software based and is bound to various identifiers of the licence server. It is highly recommended to return the licence to SCIA Activation server before any (hardware or software) changes will be made on the licence server. Otherwise the licence can be irreversibly damaged or lost. Once the changes of licence server are finished, the licence can be freely activated again.
	ОК

You're safe, this is the message that appears when everything is going perfectly. The information is nevertheless important to remember!

2.2.2 No internet connection

SCIA Activation Manager	×
Error occured during licence operation has timed out.	ation: The request was aborted: The
	ОК

This means the activation manager cannot connect to the license database.

Check if the machine is correctly connected to the internet, and if necessary, check the 'network settings'. **Check if Internet Explorer can connect to the internet**, because then the activation manager should be able to connect to activation.scia-online.com as well.

2.2.3 No free licenses

SCIA Activa	ation Manager
	Error occured during licence operation: Specified user has no valid free licences
	ОК

This means the license has already been activated on another machine.

Return the license on the old machine first. Then you can activate the license on this machine.

<u>Student license</u>: You can register for a license again with the same e-mail address (http://nemetschek-scia.com/en/forms/free-engineering-software-student-license-subscription). This would make the license available again

2.2.4 Key not found

🌾 Scia Activatie	manager			
	SCIA Activatie man	ager	23	
Scia Activatie ser	'e			verk instellingen
Licentie ID Na	ne 👩 Server v	raagt om een FLEXID dongle om de geldigheid van de licentie te		es Licentie ID
630643 for	51 🐨 controle wannee	eren. Het systeem kan de FLEXID dongle niet vinden. Dit gebeurt r de dongle niet is aangesloten of de Activation Manager draait		ijder Licentie ID
	in termi	nal session. U moet deze applicatie direct op de server console		t licence name
	zeker w	en de FLEXID dongle op de USB port nebben aangesloten. Als u eet dat u hier aan voldoet dan kan u de FLEXID dongle manager		tiveer Licentie
	Wilt u FLEXID manager direct opstarten?			rlaad Licentie
				f Licentie terug
				pareer Licentie
		110		Sluiten
	SCIA Activatie ma	nager 🛛 🖸	3	
	Fout o dongl Your I	pgetreden tijdens licentie operatie: Please attach correct Flex e(s) to the USB port. D is "" but requested is "FLEXID=9-310E5255".		
		ОК		

For server licenses, you must **be physically behind** the machine during activation. Being connected by remote desktop during activation poses this problem For virtual machines, you must go through the console (usually vSphere).

<u>Student license</u>: You will never encounter this message, since no USB Key is needed for a student license. <u>Try-out license</u>: You will never encounter this message, since no USB Key is needed for a try-out license.

2.2.5 FlexNET library error

IMAGE TO BE ADDED

The message says: "Initialization of FlexNet library failed" and "Operation has been completed with one or more errors".

In this case, go to the list of installed programs, and remove Scia License Server (FlexNET).

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🔀 Scia Licence Server	Nemetschek Scia	37,1 MB	2.2.3
Sentinel Protection Inst	SafeNet, Inc.	5,54 MB	1.6.6

Download and install a new setup of Scia License Server (http://nemetschek-scia.com/en/support/downloads/setup-flexnet-scia-license-server).



Step 3. FLEXNET License Administrator

If the **Scia License Server** is installed, you will have the '**FlexNET License administrator**' shortcut in the start menu (image on the right). The shortcut does no more than opening your browser, and it uses the following address:

http://localhost:8080/

You log in with the username 'admin' and the password.

The first time you login, the password is 'admin'
After the first login, you can change the password, if it

has been changed, then the new password must be used



POSSIBLE QUESTIONS/PROBLEMS

→I OPEN 'FLEXNET LICENSE ADMINISTRATOR', BUT IT SAYS 'NO PAGE FOUND'! WHAT NOW? More explanation can be found in chapter 3.1, p.11.

\rightarrow I LOST THE PASSWORD, AND NOW I CAN'T LOG IN...

Try 'admin'... Otherwise, one solution left: Re-install with the setup indicated in step 1 (p.1).

→How CAN I CHANGE THE PORT NUMBER (DEFAULT = 27000) USED BY THE LICENSE SERVER? More explanation can be found in chapter 3.3, p.14.

→WHAT IF I DON'T SEE 'RUNNING' UNDER THE TAB 'VENDOR DAEMON'?

More explanation can be found in chapter 3.3, p.14.



FlexNET Licence administrator

Programs (1)

3.1 FlexNET License Administrator page is not found!

DESCRIPTION

 \rightarrow If you open the **FlexNET License administrator**, then it opens your browser for the page for http://localhost:8080/, but this page is not available...



SOLUTION

THE SERVICE 'LMADMIN.EXE' MUST BE STARTED (IN THE WINDOWS SERVICES)

OPTION 1: Start 'LMADMIN.EXE'

- Hit the Windows 'Start' button and type in 'Services.msc' (+ ENTER)
- If you can find the service *'Imadmin.exe'*, then right click on it and choose *Start*'.

services.msc _	×	Shu	t down	
----------------	---	-----	--------	--

OPTION 2: Disable 'DATA EXECUTION PREVENTION'

- 1. Hit the Windows 'Start' button and open the 'Control Panel'.
- 2. This part depends on your control panel setting. Follow either step a, or step b:
 - a. If you have a lot of equally big icons in your control panel, the select 'System'.
 - b. If your control panels is in categories, then chose first 'System and security' and then 'System'
- 3. In the window that opens, follow the next steps:
 - a. Open the 'Advance system settings'
 - b. Go to the tab 'Advanced'
 - c. Then to 'Settings' (under performance)

🕞 🕞 🗢 🕎 🕨 Control Panel 🕨	All Control Panel Items 🔸 System	✓ 4 Search Control Panel
Control Panel Home	View basic information about your computer	
🛞 Device Manager	Windows edition	
Remote settings	Windows 7 Professional	
System protection	Copyright © 2009 Microsoft Corporation. All rights reserved.	
🚱 Advanced system settings	Service Pack 1	
	Get more features with a new edition of Windows 7	
	System Properties	
	Visual effects, processor scheduling, memory usage, and vitual memory Settings	GHz DEL
	User Profiles Desktop settings related to your logon De	
	Co Startup and Recovery System startup, system failure, and debugging information Settings	Change settin:
See also Action Center	Environment Variables	
Performance Information and	OK Cancel Apply	ask for a cenuine

In the window that opens, make sure that the tab 'Data Execution Prevention' is set to:
 "Turn on DEP for essential Windows programs and services only"

Performance O	ptions	3
Visual Effects	Advanced Data Execution Prevention	
10210 10200 1000000	Data Execution Prevention (DEP) helps protect gainst damage from viruses and other security hreats. How does it work?	
Turn on I only	DEP for essential Windows programs and services	
Turn on I select:	DEP for all programs and services except those I	
ng settings h	nere, the machine must be restarted.	
on DEP for a	II) is possible, but with exceptions for:	



CHECKS

🖑 <u>Remark</u>:

CONTINUE WITH STEP 3 ON PAGE 2 (THE PAGE FOR 'FLEXNET' SHOULD NOW BE FOUND).



3.2 FlexNET License Administrator port

DESCRIPTION

→ If you open the **FlexNET License administrator**, then under 'Administration', it shows you the **System Information**.

Programs (1)
FlexNET Licence administrator

How can you **change the port** shown here? (in the image on the right, it's 27000)

SOLUTION

THE PORT NUMBER MUST BE CHANGED AND 'LMADMIN.EXE' MUST BE RESTARTED

STEP 1: Change the port number in 'FLEXNET LICENSE ADMINISTRATOR'

- 1. Go to 'Server configuration'
- 2. Click on the line 'License Server Configuration'
- 3. Set the port number you want to use
- 4. Save the settings

	FLEXNET*	User Name: admin Dashboard	? Help Admit	X Sign Out
System Information	Server Configuration Stop Server			
User Configuration	Web Server Configuration Secure Web Server Configuration License Server Configuration License Server Manager Port:			
Alert Configuration	Use Default Port (27000 — 27009) 3. Use this Port 7184 Maximum Number of License Server Manager Processing Threads:			
1. Server Configuration	*Maximum Number of License Server Manager Receive Threads: 5 Logging			
Vendor Daemon Configuration	User Interface	4. Save	Car	ncel

STEP 2: Restart 'FLEXNET LICENSE ADMINISTRATOR'

- Hit the Windows 'Start' button and type in 'Services.msc' (+ ENTER)
- 2. Find the service '*Imadmin.exe*', then right click on it and choose *Restart*'.

servic	es.msc ⊥	×	Shut do	own
--------	----------	---	---------	-----

(III) FI	LEXNET*	
(070)	System Information	
Server .	Release Version:	11.10.0
Information	License Server Manager Port in Use:	27000
	Display:	M4600-Jef
	Host Name:	M4600-Jef
	Host Domain Name:	M4600-Jef.scia-online.com
User	IPv4 Address:	192.168.0.121
Configuration	IPv6 Address:	2001:0:5ef5:79fd:1029:4aa:3f57:ff86
A	IPv6 Address:	fe80:0:0:0:0:5efe:c0a8:79
A	IPv6 Address:	fe80:0:0:0:1029:4aa:3f57:ff86
Alext	IPv6 Address:	fe80:0:0:0:ecfa:6cef:a7d2:9e0f
Configuration	Ethernet Address:	0024d7e60684
	Ethernet Address:	d067e5308d6f
1 Char	Volume Serial Number:	9c2e292b
	Local Stop Server Allowed:	Yes
Server	Remote Stop Server Allowed:	No
Configuration	License Reclaim Allowed:	No
Vendor Daemon		

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3.3 Vendor Daemon is not 'RUNNING'

🗱 FlexNET Licence administrator

Programs (1)

DESCRIPTION

→ You have opened the **FlexNET License administrator**, and you are checking the tab '**Vendor Daemon Configuration**', but it's not RUNNING!

(Running_pending is also not equal to RUNNING, so that status is also not good)



SOLUTION

THE REASON IT CANNOT START MUST BE REMOVED!

OPTION 1: Check your security software

Sometimes the security software (e.g. Anti-virus) blocks the vendor daemon.

- 1. Deactivate the security software and check if the vendor daemon works.
 - a. If yes: You can turn the security software on, but you must add exceptions to the security software so that it allows the Vendor Daemon to run.
 - b. If no: Then something else is blocking the Vendor Daemon.

OPTION 2: Disable 'DATA EXECUTION PREVENTION'

The vendor daemon is run by the executable scia.exe. This can also be blocked by Windows. We refer to chapter 3.1, on p.11, which shows how to check and modify this setting.



OPTION 3: Check 'LMTOOLS' (if it exists on the machine)

LMTools is the predecessor of LMAdmin.

- 1. Find and open 'LMTOOLS'.
- 2. Under the tab 'Config Services', select the service which runs for Scia Engineer.
- 3. Uncheck 'Start Server at Power Up' and uncheck 'Use Services'. Save your settings.

LMTOOLS by Acresso Softwa	re Inc. 📃 🗖 🔀
File Edit Mode Help	
Service/License File System Set	ings Utilities Start/Stop/Reread Server Status Server Diags Config Services Borrowing
Configure Service Service Name	SCIA2009
Path to the Imgrd.exe file	C:\Program Files\SCIA\FlexNET\Imgrd.exe Browse
Path to the license file	C:\Program Files\SCIA\FlexNET\630505.DAT Browse
Path to the debug log file	C:\Program Files\SCIA\FlexNET\scia2010.log Browse View Log Close Log
1. Start Server at Pov	ver Up TUse Services
	j.





Step 4. Protection Setup

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Scia Concrete Section 2.1 Default Programs In the next step, we will open the protection setup and find Scia Design Forms 5.2 the licenses. Scia Engineer 14 Help and Support 😵 Help for Scia Engineer If you have opened the protection setup, you must choose 🌾 Protection setup 🍞 Scia Engineer 1 🖑 the correct type of license. 🌹 Scia EOT 🍞 Scia ODA 14 🐌 BIM tools IF YOU CHOOSE **TYPE = FLOATING**, THEN YOU CAN MAKE BOTH Back THE STUDENT, TRY-OUT AND SERVER LICENSE WORK. AS Search programs and files ρ LONG AS YOU INPUT THE CORRECT PATH. User Name: admir ? X **FLEXNET** Sign Out Help Dashboard Administration Protection setup System Information Licence number(s): 554155 ок Release Version: 11.10.0 Type C Try-out System License Server Manager Port in Use: 27000 Apply / Refresh informatio Only standalone Display: M4600-Je Cancel Only floating 1. Host Name: M4600-Jef C First standalone, then floating Host Domain Name: M4600-Jef.so online.co C First floating, then standalone IPv4 Address: 10.10.10.80 O Student IPv4 Address: 192.168.144.82 Software floating protection Licence server path IPv6 Address: fe80:0:0:0:203f;f7bd:9a d:b1b6 (e.g.: http://localserver:7182/, 7182@localserver) IPv6 Address: fe80:0:0:0:ecfa:6cef:a7d2 2. 27000@M4600-Jef Ethernet Address: 0024d7e60684 Ethernet Address: d067e5308d6f All available modules -Sets of modules: Volume Serial Number: 9c2e292b Available commercial modules: Save set of modules Local Stop Server Allowed: Yes All technical modules for lock-generation (SCIA and Dealers Only) Remote Stop Server Allowed: No Import set of modules License Reclaim Allowed: No Borrow selected modules Select All Clear All <u>C</u>ollapse < < <

POSSIBLE QUESTIONS/PROBLEMS

\rightarrow The box where I should see the licenses is empty! How can this be?

Three possible reasons:

- 1. THE SERVER PC CANNOT BE REACHED
- 2. THE PORT ON THE SERVER PC CANNOT BE REACHED
- 3. A DIFFERENT PROGRAM IS ALREADY USING THE PORT ON THE SERVER

\rightarrow How can I test if this PC can reach the server PC?

Ping to the server pc. More explanation can be found in chapter 4.1, p.17.

→How CAN I TEST IF THIS PC CAN REACH THE CORRECT PORT ON THE SERVER PC? Telnet to the server pc. More explanation can be found in chapter 4.2, p.18.

→How CAN I CHANGE THE PORT NUMBER (DEFAULT = 27000) USED BY THE LICENSE SERVER? More explanation can be found in chapter 4.3, p.19.



4.1 How to 'ping' to the server pc

DESCRIPTION

 \rightarrow You want to test if the client pc can get to the server pc.

(If this would not work, it means the connection is not possible due to security measures (like FireWall) or due to the machines not being connected)

SOLUTION

PING TO THE SERVER PC.

OPTION 1: Ping to the server pc

1. Open 'command' (hit the Windows 'Start' button, and type in cmd (+ENTER))



2. Type in 'Ping' followed by the name of the server



3. IF 'SENT = RECEIVED', THEN THIS PC CAN SEND AND RECEIVE INFORMATION WITH THE OTHER PC. (IF IT DOES NOT WORK, THE CONNECTION IS BLOCKED OR NOT POSSIBLE)



4.2 How to use 'telnet' to check the connection to the port on the server pc

DESCRIPTION

 \rightarrow You want to test if the client pc can get to the port on the server pc. (If this would not work, but 'Ping' works, then the port is blocked by a FireWall)

SOLUTION

USE TELNET TO THE SERVER PC.

1. Open 'command' (hit the Windows 'Start' button, and type in cmd (+ENTER))

cmd			×	Shut	down	
-----	--	--	---	------	------	--

2. TYPE IN 'TELNET' FOLLOWED BY THE NAME OF THE SERVER AND THE PORT NUMBER

Administrator: C:\Windows\system32\cmd.exe		x	
Microsoft Windows [Version 6.1.7601] Copyright (c) 2009 Microsoft Corporation. All rights reserved.		^	
C:\Users\Jef>telnet M4600-Jef 27000			

3. THERE ARE 3 POSSIBLE ANSWERS:

a. The CONNECTION WORKS

If the window becomes black, it means it worked. You are now 'listening' to this port.



b. THE CONNECTION DOES NOT WORK

🖬 Administrator: C:\Windows\system32\cmd.exe	
Microsoft Windows [Version 6.1.7601] Copyright (c) 2009 Microsoft Corporation. All rights reserved.	^
C:\Users\Jef>telnet M4600-Jef 27000 Connecting To M4600-JefCould not open connection to the host, on port 27000: Connect failed	
C:\Users\Jef>	

c. TELNET IS NOT 'ACTIVATED ON YOUR PC'

Activate the 'Telnet client' first, and then repeat this page. http://www.wikihow.com/Activate-Telnet-in-Windows-7

Magnetic Remark: A succesfull Telnet only means that you can connect to the used port, and that there is a service/program giving information through this port. It does not always mean that this is Scia.

For example:

<u>Problem</u>: I can telnet to port '27000', but the Scia license (in the protection setup) does not work Answer: Another license server is already using port 27000, so change the port for 'FlexNET license administrator' (see chapter 4.3, p.19)



4.3 Change the 'License Server Manager port in use'

Description

→ What if I want to set the 'LICENSE SERVER MANAGER PORT IN USE' manually? (for example if there are multiple license servers running on the server)

SOLUTION

- 1. Open the FlexNET License administrator (by clicking 2x on it's icon).
- 2. Under 'Server Configuration', input your port at 'Use this port'.
- 3. Save the settings.

<u> </u>	User Name: admin	?	X
		Help	Sign Out
	Dashboard	Admin	istration
1	Server Configuration		
- MAG	Stop Server		
System Information			
	Web Server Configuration		
	Secure Web Server Configuration		
User Configuration	siccide server comparation		
	License Server Manager Port:		
	Use this Port 27001		
Alert	Manimum Manuface of Linear Common Descention Threader		
	10		
600			
Server	Maximum Number of License Server Manager Receive Threads:		
Configuration	Logging		
	User Interface		
Vendor Daemon	Save	Can	cel
Configuration			

Search for 'Imadmin.exe'		
Restart this service.		
See more results		
services.msc I	×	Shut down 🔸