

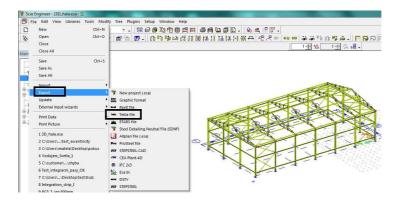
Export from Scia Engineer to TEKLA Structures

You must have bought and switched on module esa.22 (TEKLA structure interface) for export. Otherwise the program does not offer the export.

🍞 Protection setup		File Edit View Libraries Tools Mod	dify Tree Plugins Setup Window Help
Attached dongle IDs: 1 Type Ty-out Only standalone Only floating First standalone, then floating First floating, then standalone Student Software floating protection Licence server path	OK Apply / Refresh Cancel	New Ctrl+N Open Ctrl+O Close Close All Save Ctrl+S Save As Save All	
(e.g.: http://localserver?1182/, 7182@localserver) 27000@ Sets of modules: Available commercial modules: @Posttensioned Tendons [ESA.20] - 1 / 0	Save set	Export Opuace External input wizards Print Data	Image: Weight of the second secon
□ TEVLA Structures interface [ESA.22] - 1 / 0 □ TEVLA Structures interface [ESA.22] - 1 / 0 □ Structures interface [ESA.22] - 1 / 0 □ Structures interface [ESA.22] - 1 / 0 □ Structures interface [ESA.23] - 1 / 0 □ Structures interface [ESA.24] - 1 / 0 □ Structures interface [ESA.25] - 1 / 0 □ Structures interface [ESA.25] - 1 / 0 □ Albian conductor [ESA.26] - 1 / 0 □ Albian conductor [ESA.26] - 1 / 0	Import set of modules Remove set of modules	Print Picture 1 C:\Users\\3D_hala.esa 2 C:\Users\\test_excentricity 3 C:\Users\rmatela\Desktop\pokus	Steel Detailing Neutral File (SDNF) Allplan file (esa) Pro ProSteel file STEPSTEEL-CAD CEA Plant-4D
♥ Alipian roundtrp [ESA.28] - 1 / 0 ♥ FTABS Interface [ESA.29] - 1 / 0 ♥ FTABS Interface [ESA.29] - 1 / 0 ♥ ATLAS Admin [ESA.ATLAS.30] - 1 / 0 ♥ ATLAS Admin [ESA.ATLAS.ADMIN] - 1 / 0 ♥ ATLAS end user [ESA.ATLAS.USER] - 1 / 0 ♥	Select All Clear All Collapse <<<	4 Vodojem_Svetla_1 5 C:\customer\\chyba 6 Test_integracni_pasy_OK 7 C:\Users\\Desktop\test\Esa1	 IFC 2x3 Esa In ■ DSTV STEPSTEEL

Method for export:

1) Open esa file in Scia Engineer and move ahead according to the picture below.



2) Save as file for export as s2t.

Uložit do:	Export_import		G 🗊 🛤 🗔 🕈	
œ.	Název položky		Datum změny	Тур
Naposledy navštívené	3D.s2t		10.8.2011 13:22	Soubor S
Plocha Knihovny				
Počítač	· • [m		,
0	Název souboru: 3D		- (Uložit
	Uložit jako typ: Tekla file (*.s.	7)	_	Stomo

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 Společnost je vedena v obchodním rejstříku u Krajského soudu v Brně, oddíl C, vložka 17023, zapsána dne 21. prosince 1994
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Notes:

- a) s2t It means Scia to Tekla.
- b) The program makes with file *s2t* also file *def*. These files must be always in the same folder before export.

c:\Users\matela\Desktop\test\Export_import*.*					
Název	↓ Přípon	Velikost	Datum	Atributy	
金[]		<dir></dir>	11.08.2011 14	:13 —	
🕒 3D	s2t	606 958	10.08.2011 13	:22 -a-	
3D.s2t	def	17 823	10.08.2011 13	:22 -a-	

3) Run the file **Scia2Tekla_17.0.net4.exe.** Default patch to this file is in c:\Program Files (x86)\SCIA\Engineer2011.0

This file is a part of installation of Scia Engineer.

	🔲 C = f 🎱 g 🐺 h 🖵 x 🖳 y 📩 \ \ [—] 76 489 812 k	B z 294 4
•	c:\Program Files (x86)\SCIA\Engineer2011.0*.*	
but	Název	+ Příj Ve
	C-i=4CCD	1
	SciaSteelConnectionForTekla.net4	exe 9
	Эслиаровсики	еле 1
	Solver	exe
	V Solver64	exe

4) Choose file s2t, which was saved before. Open it.

				Load data to Tekla Structu	ires
Name of new project in Tekl Scia Engineer model	Analysis				
Material mapping database		SCIA\Engineer2011.0\Addons\mapping`		Edit material database	
Cross-section mapping datab				Edit CSS database	
🛛 Info 🛛 🗹 Warnings	There is the second sec	Log file]
Dtevřít			• 49	Prohledat: Export_impo	ort
7 Oblíbené položky 📩	Název položky	Datum změny	Тур	Velikost	
🔛 Naposledy navšti	3D.s2t	10.8.2011 13:22	Soubor S2T	593 kB	
Nocha Plocha					
Dokumenty					
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Cokumenty Knihovny Cokumenty					
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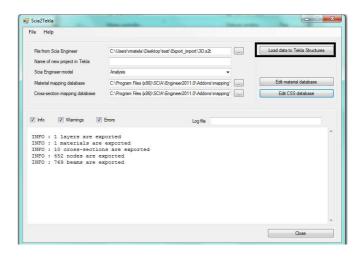
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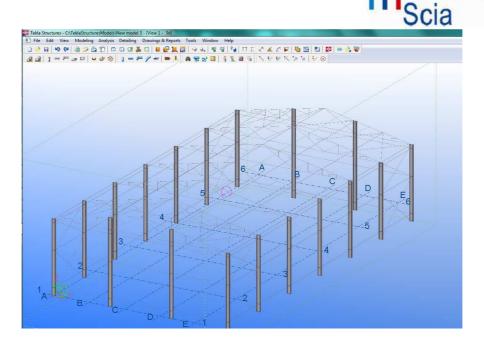
The program displays details about processed file.

- 5) Before clicking on the button *Load data to Tekla Structures.* You must keep the following conditions.
 - a) Tekla Structures must be switched on.
 - b) In program **Tekla Structures** some file must be opened. The file can be empty.



6) After clicking on button *Load data to Tekla Structures* a warning about processed data is displayed. In program **Tekla Structures** our structure is displayed.

File from Scia Engineer	C:\Users\matela\Desktop\test\Export_import\3D.s2t Load data to Tekla Structu
Name of new project in Tekla	
Scia Engineer model	Analysis 👻
Material mapping database	C:\Program Files (x86)\SCIA\Engineer2011.0\Addons\mapping' Edit material database
Cross-section mapping database	C:\Program Files (x86)\SCIA\Engineer2011.0\Addons\mapping'
INFO : 1 layers are exp INFO : 1 materials are INFO : 9 cross-sections	exported is are exported
INFO : 1 layers are exp INFO : 1 materials are INFO : 9 cross-sections INFO : 267 nodes are es INFO : 543 beams are es	iported exported is are exported xported xported
INFO : 1 layers are exp INFO : 1 materials are INFO : 9 cross-sections INFO : 267 nodes are ex INFO : 543 beams are ex UNFO : 6 cross-section WARNING : Cross-section	rorted exported sported xported xported m CS1 is missing in mapping database. It was replaced by 10*10.
INFO : 1 layers are exp INFO : 1 materials are INFO : 2 cross-section INFO : 267 nodes are ex INFO : 543 beams are exting WARNING : Cross-section	iported exported is are exported xported xported
INFO : 1 layers are exp INFO : 1 materials are INFO : 9 cross-section INFO : 267 nodes are ex INFO : 543 beams are ex WARNING : Cross-section WARNING : Cross-section WARNING : Cross-section	ported exported is are exported xported m CS1 is missing in mapping database. It was replaced by 10*10. m CS2 is missing in mapping database. It was replaced by 10*10.
INFO : 1 layers are exp INFO : 1 materials are INFO : 9 cross-section INFO : 543 beams are en INFO : 543 beams are en INFO : 543 beams are en WARNING : Cross-section WARNING : Cross-section WARNING : Cross-section WARNING : Cross-section	ported exported ss are exported sported morted morted more sported sported in CS1 is missing in mapping database. It was replaced by 10°10. m CS2 is missing in mapping database. It was replaced by 10°10. m CS4 is missing in mapping database. It was replaced by 10°10.
INFO : 1 layers are exp INFO : 1 materials are INFO : 9 cross-section INFO : 267 nodes are exp INFO : 543 beams are exp INFO : 544 beams are exp I	ported exported is are exported xported m CS1 is missing in mapping database. It was replaced by 10*10. m CS2 is missing in mapping database. It was replaced by 10*10. m CS3 is missing in mapping database. It was replaced by 10*10.



METSCHEK

Notes:

- a) File Scia2Tekla_17.0.net4.exe supports 32-bit and 64-bit version of TEKLAStructures.
- b) When you need an export to older version of TEKLAStructures you have to use older version of Scia2Tekla file, more on the picture below. Default patch to these files: c:\Program Files (x86)\SCIA\Engineer2011.0\

•	-c:\Program Files (x86)\SCIA\Engineer20)11.0*.*				
Atri	Název	↓ Přípona				
	SciaSteelConnectionForTekla.net4	exe				
	Scia4SGB	exe				
-	Scia2Tekla_17.0.net4	exe				
-	Scia2Tekla_16.1	exe				
-a	Scia2Tekla_16.0	exe				
-a	Scia2Tekla_15.0	exe				
-a		070				
-a-	Scia2Etabs	exe				
-		070				

 c) My colleague needs to open the file s2t and import structure to TEKLASructures but he has no licence for Scia Engineer. It does not matter for this example. He must install Scia Engineer anyway, even without protection, and proceed according to point 3).