APIS IQ-Software

Transfer of CSS Functional Safety data from CARM-NG into IQ-Software V8.0

Step-by-step guide

Export from CARM-NG Import into APIS IQ-Software V8.0

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Export from CARM-NG

Prerequisites

Make sure you're connected to your CARM-NG-Server. Start your APIS IQ-Software V7.0.



It should show a valid connection:

IQ-RM	1 PRO	×
1	CARM-NG-Server: Version 2.3	
	Server IP address: Port:	
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If the connection is not shown, establish the connection according to the CARM-NG manual.

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Go to CARM Server > Administration and login to your CARM-NG-Server:

🔯 IQ-RM PRO - APIS [100	00-53] Time-limited license, valid until 31.03.2025 - Services Manager	
File Edit View Editors	Window Help	
2	CSS Functional Safety:	
CSS Modules	Calculation strategy	Calculation formula
42		No data available
CSS Module Usages	CARM NG Server login -	×
		ОК
CSS Module Access Rig CSS Catalogs	User I Please enter password:	Cancel
<i>f∞</i> CSS Functional Safety		

Export from Services Manager

In the Services Manager, go to CSS Functional Safety and select the items you want to transfer.



<u>Note:</u> If you're using multiple standards and/or internal standards besides official standards, it is useful to do multiple exports and group them according to standards, for example

- SN29500
- Company x internal calculation standard(s)

This grouping is because in the IQ-Software V8.0 the calculation strategies are grouped into

- 1. Standards
- 2. Calculation strategy

See also page 11 for an example.

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Within the Services Manager, go to File > Export > Data transfer V8.0

(If you have an earlier version than IQ-Software V7.0 – SP 0180 you might not be able to see "Data transfer V8.0". In order to transfer you need to update to the latest service pack.)

Select an export file			×
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Save the file where you can access it from your IQ-Software V8.0:

After saving, a prompt for naming the standard should appear. Name the exported standard. (If you wish to, you can still rename the standard later in the IQ-Software V8.0):

Please enter		×
Selected calculation strategies are saved Name for the standard?	under a standard.	
Company internal calulation standard		
	<u>O</u> K	<u>C</u> ancel

The export might take several minutes - a progress bar is shown in the Service Manager.

Then a prompt should confirm a successful export:

IQ-RM	PRO		X					
1	Data sucessfully exported:							
	company internal calculation strategy 2 (edition 2022-04) company internal calculation strategy 5 (Edition 2024-10)							
	C:\Users\	\Desktop\Export Internal Calculation Standard.ice						
		<u>Q</u> K						

As mentioned above, you might want to export other calculation strategies now. This concludes the steps in the IQ-Software V7.0.

Import into IQ-Software V8.0

Data Manager

Make sure your APIS IQ-Software V8.0 is installed and started. The calculation strategies are now located in the Data Manager.

In the IQ-Software V8.0 go to Administration > Functional Safety - Calculation strategies:



When in the Data Manager, go to File > Import:

	🐼 IQ-RM PRO - RC1 [10000-50] - Data Manager								
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Choose the *.ice file you previously exported from the CARM-NG.

IQ-RM PRO 8.0-0020: Import						×
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Import						4

The IQ-Software V8.0 now lets you choose the exported strategy. Select it and press OK:

The reimported standard then would look like this:



The imported standards are saved under a separate file (safetyNorms.ice) apart from your *.fme files.

This step concludes the tutorial. You should be now able to use your calculation strategies.