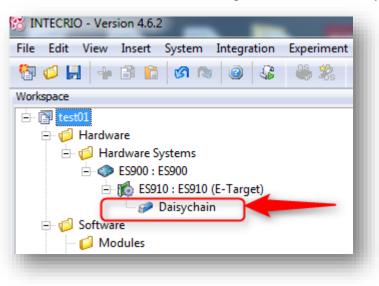
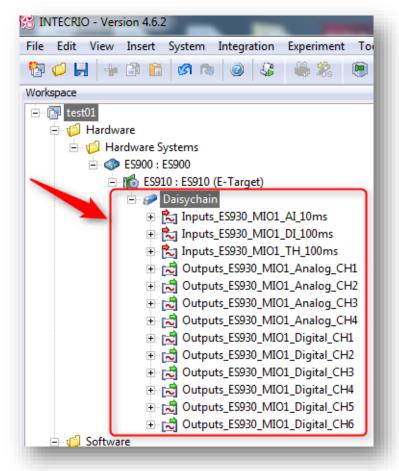
INTECRIO - Add signals to Daisychain



- In INTECRIO I add a Daisychain to an hardware system
 - In INTECRIO > Workspace > Hardware > Hardware Systems > ES900 : ES900 > ES910 : ES910 (Target) > Right mouse button click > Insert... > Daisychain
- Daisychain is visible in INTECRIO but there are no signals listed under Daisychain



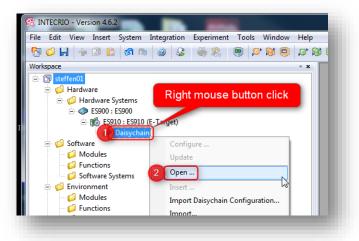
• Expected display:



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• When I open dialog Daisychain via right mouse button click > Open ...



• There are no values displayed for the parameters

	Parameter		a 1
		Value	Comment
	Name	Daisychain	
	Configuration File		
	GCF File Name		
	Chain Name		
	IP Address		
	Show StatusSignal for Device		
1	Rapid Prototyping Enabled		
			,

· Expected display:

	Parameter	Value	Comment
	Name	Daisychain	
	Configuration File	C: \MyDaisychainConfig.xml	
	GCF File Name	C: MyDaisychainConfig.gcf	
	Chain Name	Modulkombination 1 , IP-ADR	
	IP Address	0.0.0.0	
	Show StatusSignal for Device		
·	Rapid Prototyping Enabled		
•		m	•

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• Tab Signal Groups is empty

	ychain Device	Name	Raster Type	Direction	Cycle Time [ms]	Polling	Time Monitoring	Enable Status Signal
		4						
lode	Signal Groups	Signals						

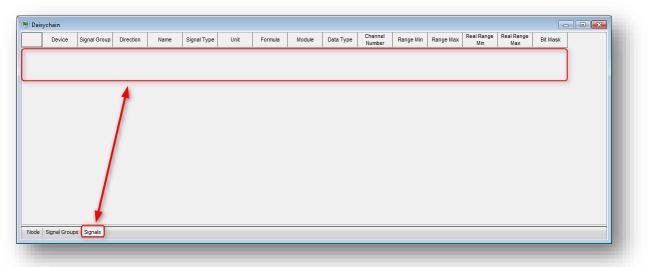
• Expected display:

	Device	Name	Raster Type	Direction	Cycle Time [ms]	Polling	Time Monitoring	Enable Status Signal
1	Daisychain	Inputs_ES930	time-triggered	receive	10	V		
2	Daisychain	Inputs_ES930	time-triggered	receive	100	V		
3	Daisychain	Inputs_ES930	time-triggered	receive	100	V		
4	Daisychain	Outputs_ES9	output	send				
5	Daisychain	Outputs_ES9	output	send				
6	Daisychain	Outputs_ES9	output	send				
7	Daisychain	Outputs_ES9	output	send				
8	Daisychain	Outputs_ES9	output	send				
9	Daisychain	Outputs_ES9	output	send				
10	Daisychain	Outputs_ES9	output	send				
11	Daisychain	Outputs_ES9	output	send				
12	Daisychain	Outputs_ES9	output	send				
13	Daisychain	Outputs_ES9	output	send				

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• On tab Signals: There are no signals available



• Expected display:

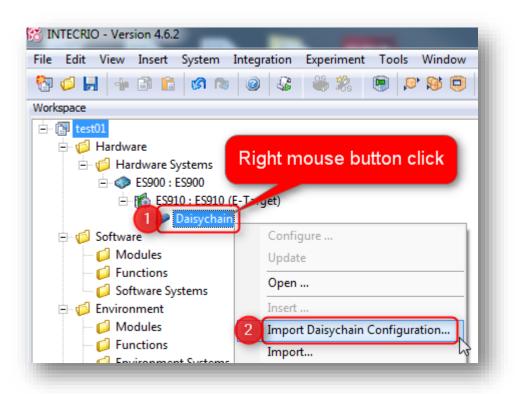
	Device	Signal Group	Direction	Name	Signal Type	Unit	Formula	Module	Data Type	Channel Number	Range Min	Range Max	Real Range Min	Real Range Max	Bit Mask	UUID	Anti-Aliasing Filter	Allowed F Frequenc
	Daisychain	Inputs_ES930	receive	ES930_AI1_C	cont	V	f(phys) :=	ES930 / MIO::	1 sint32	29	0	60	-60	60		dbed3f49-65	On	Off
	Daisychain	Inputs_ES930	receive	ES930_Al1_C	cont	V	f(phys) :=	ES930 / MIO::	1 sint32	30	0	60	-60	60		b67a09a2-6f	On	Off
	Daisychain	Inputs_ES930	receive	ES930_Al1_C		V	f(phys) :=	ES930 / MIO::	1 sint32	31	0	60	-60	60		f5b9afe2-e5e	On	Off
	Daisychain	Inputs_ES930	receive	ES930_Al1_C	cont	V	f(phys) :=	ES930 / MIO::	1 sint32	32	0	60	-60	60		ab5e62d8-17	On	Off
	Daisychain	Inputs_ES930	receive	ES930_Al1_C	cont	V	f(phys) :=	ES930 / MIO::	1 sint32	33	0	60	-60	60		f2622b1a-c8	On	Off
	Daisychain	Inputs_ES930	receive	ES930_Al1_C	cont	V	f(phys) :=	ES930 / MIO::	1 sint32	34	0	60	-60	60		e4cbfa44-81	f On	Off
	Daisychain	Inputs_ES930	receive	ES930_Al1_C	cont	V		ES930 / MIO::	1 sint32	35	0	60	-60	60		11f2ad43-a8		Off
	Daisychain	Inputs_ES930	receive	ES930_Al1_C	cont	V	f(phys) :=	ES930 / MIO::	1 sint32	36	0	60	-60	60		8b235793-71	On	Off
Ĩ	Daisychain	Inputs_ES930		ES930_DI1_C		Bit	f(phys) :=	ES930 / MIO::		1	0		0	255	0x1	c690c75e-44		
	Daisychain	Inputs_ES930		ES930_DI1_C		Bit	f(phys) :=	ES930 / MIO::	1 uint32	5	0	255	0	255	0x1	78bf9e03-49		
	Daisychain	Inputs_ES930	receive	ES930_DI1_C	cont	Bit	f(phys) :=	ES930 / MIO::		9	0		0	255	0x1	3893329c-09		
	Daisychain	Inputs_ES930	receive	ES930_DI1_C	cont	Bit		ES930 / MIO::		13	0	255	0	255	0x1	d48dae8f-a8		
	Daisychain	Inputs_ES930		ES930_DI1_C		msec	f(phys) :=	ES930 / MIO::	1 uint32	3	0	64424.5	0	64424.5		9c4f370b-e4		
	Daisychain	Inputs_ES930	receive	ES930_DI1_C	cont	msec	f(phys) :=	ES930 / MIO::	1 uint32	7	0	64424.5	0	64424.5		b3614a67-89		
	Daisychain	Inputs_ES930	receive	ES930_DI1_C	cont	msec	f(phys) :=	ES930 / MIO::	1 uint32	11	0	64424.5	0	64424.5		27ee9fdf-213	5	
	Daisychain	Inputs_ES930		ES930_DI1_C		msec	f(phys) :=	ES930 / MIO::	1 uint32	15	0	64424.5	0	64424.5		8ff007cc-937	r	
	Daisychain	Inputs_ES930	receive	ES930_DI1_C	cont	msec	f(phys) :=	ES930 / MIO::	1 uint32	4	0	64424.5	0	64424.5		2fb4136a-1f3	5	
	Daisychain	Inputs_ES930	receive	ES930_DI1_C	cont	msec	f(phys) :=	ES930 / MIO::	1 uint32	8	0	64424.5	0	64424.5		86750c93-92		
	Daisychain	Inputs_ES930	receive	ES930_DI1_C	cont	msec	f(phys) :=	ES930 / MIO::	1 uint32	12	0	64424.5	0	64424.5		df9b5925-c6		
	Daisychain	Inputs_ES930	receive	ES930_DI1_C	cont	msec	f(phys) :=	ES930 / MIO::	1 uint32	16	0	64424.5	0	64424.5		c4af107e-dc		
	Daisychain	Inputs_ES930	receive	ES930_DI1_C	cont	counts	f(phys) :=	ES930 / MIO::	1 uint32	2	0	4294967295	0	4294967295		791b30f6-04		
	Daisychain	Inputs_ES930	receive	ES930_DI1_C	cont	counts	f(phys) :=	ES930 / MIO::	1 uint32	6	0	4294967295	0	4294967295		bb04c4e5-f2		
	Daisychain	Inputs_ES930	receive	ES930_DI1_C	cont	counts	f(phys) :=	ES930 / MIO::	1 uint32	10	0	4294967295	0	4294967295		23396424-f0		
	Daisychain	Inputs_ES930	receive	ES930_DI1_C	cont	counts	f(phys) :=	ES930 / MIO::	1 uint32	14	0	4294967295	0	4294967295		8a329051-d1		
	Daisychain	Inputs_ES930	receive	ES930_TH1_	cont	DegC	f(phys) :=	ES930 / MIO::	1 sint32	43	0	150	-200	1372		8934d85a-6f		
	Daisychain	Inputs_ES930	receive	ES930_TH1_	cont	DegC	f(phys) :=	ES930 / MIO::	1 sint32	44	0	150	-200	1372		92f1d156-f68	5	
	Daisychain	Inputs_ES930	receive	ES930_TH1_	cont	DegC	f(phys) :=	ES930 / MIO::	1 sint32	45	0	150	-200	1372		7c03abe7-3e		
	Daisychain	Inputs_ES930	receive	ES930_TH1_	cont	DegC	f(phys) :=	ES930 / MIO::	1 sint32	46	0	150	-200	1372		b8e6f864-07		
	Daisychain	Outputs_ES9	send	ES930_AO1_	cont	V	f(phys) :=	ES930 / MIO::	1 uint32	47	0	10	0	10		92e7e68a-d2		
l	Daisychain	Outputs_ES9	send	ES930_A01_	cont	V	f(phys) :=	ES930 / MIO::	1 uint32	48	0	10	0	10		be9146e2-f0		
	Daisychain	Outputs_ES9	send		cont	V	f(phys) :=	ES930 / MIO::	1 uint32	49	0	10	0	10		a85583b8-e7		
		·-··					10				-		-	1		·····	1	4
	de Signal Gro	ups Signals																

- How to add signals to Daisychain?
- My Daisychain configuration does not work
- I connected my sensors to an ES930, then connected the ES930 to an ES910, and finally connected the ES910 to a PC but there are no signals

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- Import Daisychain configuration
 - In INTECRIO on **Daisychain**: Right mouse button click, then left mouse button click on **Import Daisychain Configuration...**



• In dialog Import file, Page 1: Click on button Next

mport file	×
Page 1 Select import kind	1
Please select how to obtain a configuration of a Daisychain	
Import existing configuration	
Keep existing connections and OS mappings	
Create new configuration	
< Back Next > Ca	incel

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• In dialog Open: Select path and file name of configuration file, then click button Open

Organize 🔻 New folder					· · ·	?
🔆 Favorites	^	Name	Size	Item type	Date modified	-
a jesto	-	1 an		The fulles		
🦀 "Merilan		· MIN HTA-COST MPCMAN.				
a III, Pullia		· ALTUDAR Training		The families		
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🔒 until (halling)		INTECHDAG2				
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ABCET-DEV 7.5		 LogFile/colport 		The fuller		
· other		· Manningham		The Installer		
 Screengenetaci 		 Register 1.0.0 		The fulles		
Nesktop		SCHOT Presented, Sides		The foliate		
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		👷 Hasar Jaaffan (ö. 145, 245) - 145				
· fund		🕎 Computer				
		🗣 Network				
		👩 MyDaisychainConfig.xml	59 KB	XML Document	11.12.2017 13:34	
 Witten, Tuttoriality 		Challens Andaltung für FAC	148	Standards.		
	.	•		_		*
2 File name: MyDaisyo	chainCo	onfig.xml		- Daisychain	Configuration File (1	-

• In dialog Import file, Page 2: Double check if path and file name are correct, then click button Next >

Page 2 Select Location Please specify the file that shall be imported. 1 C: MyDaisychainConfig.xml	Import file	
1 C: MyDaisychainConfig xml		
	Please specify the file that shall be imported.	
	1 C: MyDaisychainConfig.xml	
< Back Z Next > Cancer	< Back 2 Next > Cancel	

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• In dialog Import file, Page 3: Click on button Finish

Import file	x
Page 3 Choose Chain	1
Please choose the appropriate chain, you want to use for your configuration Modulkombination 1 , IP-ADR	
< Back Fini	sh Cancel

Now the signals of the Daisychain are visible in INTECRIO

ATTENTION:

- Even if you see the Daisychain signals listed in INTECRIO now:
 - It does not mean that the Daisychain configuration is active on the connected hardware!
- Initialize the ES930 to make the Daisychain configuration active:
 - Start the Daisy Chain Configuration Tool
 - See section Additional information below for instructions
 - In Daisy Chain Configuration Tool > Menu bar > Hardware > Modulkombination initialisieren

Daisy Chain Config	uration		
Datei Ansicht Har	dware Gerät ?		
💕 📙 🚉 🖻	Hardware suchen	Shift+F3	2
Topologie	IP-Adresse für Modulkombination setzen	Strg+4	
	Modulkombination verifizieren	Strg+H	\vdash
ES930 (8	Modulkombination initialisieren	Strg+5	
Digit 🗸	Rapid Prototyping aktivieren	لام Strg+9	jital In
Sens Anal	ETAS Netzwerkeinstellungen		
Current PS	S In 2 BEven	t Aus	_

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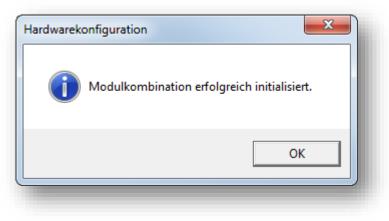
• Alternatively: In Daisy Chain Configuration Tool > Tool bar > Icon Modulkombination initialisieren...



• In dialog **A2L-Datei speichern**: Select location and **file name** for **a2I** file, then click button **Save**

×
✓ 4y Search Desktop
•
-
2 Save Cancel

• In dialog Hardwarekonfiguration: Click button OK



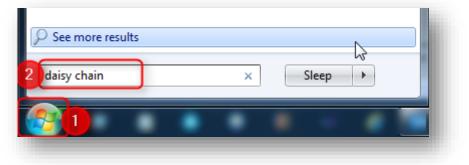
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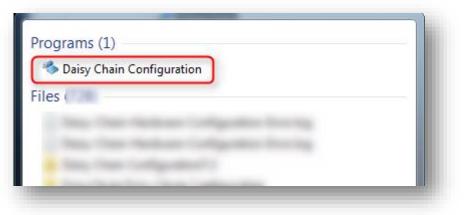
Additional information:

How to create a Daisychain configuration file

- Start the Daisy Chain Configuration Tool:
 - On Windows 7: Click on Windows Start icon ("1" in image below)
 - Then, in search text field: type "daisy chain" and hit RETURN key



• In search results, under Programs: Click on Daisy Chain Configuration



• In dialog Default Settings Dialog: Click OK button

fault Settings Dialog	x
In this dialog you can set default settings (see also "Activate in the tool menu) of this tool. This settings are only relevant on startup and can be changed later.	e Rapid Prototyping"
Optimize transfer protocol for	party tools) for best data consistency
Rapid prototyping (INTECRIO, RTProPC, ASCET, etc.)	.) for minimum data delay
Do not show on startup	OK Cancel

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ETAS

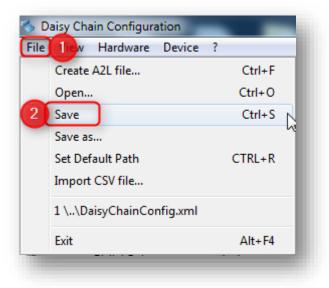
• In Daisy Chain Configuration tool: Click on icon Search for Devices... icon

🧄 Daisy Chain Configuration	-
Datei Ansicht Hardware Gerät ?	
😵 🔚 🖳 📼 🔍 🏖 🥮 🥙 🏕 🕂 🖊 🖿 🕋 🤮	2 🖁 🖏 🗳 💿
Topologie Nach Geräten suchen Modulkombinan 0, IP-ADR	
Left mouse button click on "Search for devices" icon	

Connected ES930 device is being detected

pologie	🔒 🖂 🔍 🧟 😻 🧶	_	ents					
	S930 (ES930 / MIO: 1) SN:3: Digital In Sensorversorgung			Name	Event an Digital In Ch1	Event an Digital In Ch2	Event an Digital In Ch3	Event an Digital In Ch4
	Analog In	-	1	AEvent	Aus	Aus	Aus	Aus
	Current PS In Thermo		2	BEvent	Aus	Aus	Aus	Aus
	Analog Out	;	3	CEvent	Aus	Aus	Aus	Aus
	Digital Out Diagnose		4	DEvent	Aus	Aus	Aus	Aus
								A
	4 111							-

• In menu bar > File > Save



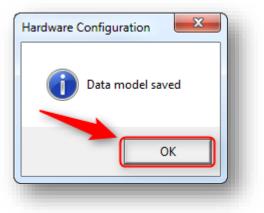
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• In dialog Save As: Select path and file name, then click button Save

Organize 🔻 New folder				• 🕜	
▲ Name	*	Date modified	Туре	Size	
	No items mate	No items match your search.			
E					
				•	
2 File name: My_ES930.xml				-	
Save as type: XML Datamodel (*.xml)				-	

• Wait for dialog Hardware Configuration, Data model saved: Click button OK



• Now, you can import the generated file in INTECRIO as Daisychain configuration

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- Here you can find all information: <u>http://www.etas.com/en/hotlines.php</u>

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