Cannot select signals from ETK_Bypass in INTECRIO



- Signals are listed in INTECRIO under Hardware Systems > ES910 > ES910 > ETK_Bypass
- Problem: They are grey/inactive

D INTECKIO - Version 4.0.1		
File Edit View Insert System	Integration	Experiment
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Workspace		
🖻 🖓 test01		
🖃 🃁 Hardware		
😑 🃁 Hardware Systems		
🖻 🧇 ES900 : ES900		
🖃 🎼 ES910 : ES910	(E-Target)	
🖃 👌 ETK_Bypa	55	
Measu	ire_R01_receiv	e_from_ECU
Measu	ire_R02_receiv	e_from_ECU
Measu	Ire_R03_receiv	e_from_ECU
Measu Maasu	Ire_KU4_receiv	e_from_ECU
	re_RUD_receiv	e_from_ECU
Measure Measure	re R07 receiv	e_from_ECU
Measure Measur	ire R08 receiv	e from ECU
Measure Measure	re R09 receiv	e from ECU
Rasu Measu	ire R10 receiv	e from ECU
- 🔁 Measu	ire_R11_receiv	e_from_ECU
	re_R12_receiv	e_from_ECU
- 🔁 Measu	ire_R13_receiv	e_from_ECU
🔁 Measu	re_R14_receiv	e_from_ECU
📩 Measu	re_R15_receiv	e_from_ECU
📩 Measu	ire_R16_receiv	e_from_ECU
📩 UNI_B	yp_B01_receiv	e_from_ECU
UNI_B	yp_B01_send_	to_ECU
UNI_B	yp_B02_receiv	e_from_ECU

• I received the following error:

<GMHM Error>

ES910/Simulation Controller:1: ES910-ETK Instance: 0 (ES910): Failed to open raster with priority 0x1c: VE_RESOURCE_ACCESS: Resource conflict detected.

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ETV2



- Check the Bypass Raster Selection Mode setting:
 - On ETK_Bypass: Click with right mouse button > Open...



• In dialog ETK_Bypass: Line 19 "Bypass Raster Selection Mode":

	Parameter	Value				
1	Name	ETK_Bypass				
2	Decryption Key					
3	ASAM-MCD2 File	Y:\R\Roser_Steffen\TU2_1_ETKP9_DISTAB13_AML1_2_1				
4	AML Version	1.2.0				
5	AML Version SBB					
6	SBB Version					
7	DISTAB Type	13				
8	ECU Byte Order	big endian (Motorola)				
9	Trigger Segment Address [hex]	0xE0000				
10	ETK_XETK_ID					
11	ETK_XETK_ID Display Name					
12	Updated Page	Working & Reference Page				
13	ETK Speed	100 MBit/s				
14	Wait for ETK Handshake	enabled with infinite timeout value				
15	ETK Handshake Timeout [ms]					
16	SW Consistency Check	disabled				
17	ECU SW Version					
18	ECU SW Version Address [hex]					
19	Bypass Raster Selection Mode	Bypass -				
20	Bypass Send Signal Selection Mode	Bypass				
21	Base Offset Value	8				
22	Begin FAR Address Range [hex]	0x0				
23	Length FAR Address Range [hex]	0x0				
1		•				

- There are 2 options available for **Bypass Raster Selection Mode**:
 - Bypass: If Bypass is selected then measurement signals are inactive in INTECRIO, only bypass is possible in INTECRIO (measurement is done in another tool, for example INCA)
 - Bypass & Measurement: bypass and measurement is possible

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- To change this setting:
 - In column Value: Click with left mouse button to make the black triangle visible (on the right)
 - On black triangle: Click with left mouse (to open drop down list)
 - In the drop down list: Click on **Bypass & Measurement**

16	SW Consistency Check	disabled			
17	ECU SW Version	1			
18	ECU SW Version Address [hex]				
19	Bypass Raster Selection Mode	Bypass			
20	Bypass Send Signal Selection Mode	Bypass			
21	Base Offset Value	Bypass & Measurement			

• ATTENTION:

- You cannot use this when you want to use INCA for measurement!
- It is not possible to do measurement via ETAS INCA and ETAS INTECRIO at the same time
- The usage of the measurement rasters are exclusive!
- Either the RP-Tools (INTECRIO/ ASCET RP) or INCA can use these!
- The measurement rasters cannot be split between the tools!
- Working in parallel is only possible, when the RP tool used only the Bypass rasters and leaves the measurement rasters to the measurement and calibration tool INCA!
- So, when you want to use INCA then just use INTECRIO for Bypass only and not for both Bypass & Measurement

Additional information:

- If Bypass & Measurement was selected and you want to use INCA for measurement:
 - If there is a conflict then there are 2 possibilities:
 - If INCA measurement was started **before** the operating system of the ES910:
 - There may appear following error:

<GMHM Error>

ES910/Simulation Controller:1: ES910-ETK Instance: 0 (ES910): Failed to open raster with priority 0x1c: VE_RESOURCE_ACCESS: Resource conflict detected.

- If INCA measurement was started **after** the operating system of the ES910:
 - You can configure INCA to steal the ETK measurement rasters:
 - In INCA > Menu bar > Options > User options > Open...

INCA 7.2.1 Build 240				
Uatabase Edit Viev2	Options Utilities	Experiment	Project Device	?
9 🐔 🛄 🔍	3 User options	• 4	Open	
Database Objects	Station options		Export	ha
	User	•	Import	1
			11	

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• In dialog User options > Tab Hardware

ASAM-2MC Editor Limited EMU RAM			Da	Jata exchange E-Target Calibration Session Log			Path Genera		
Autostart	Database	🔟 Expe	riment	2 Ha	ardware	Hex Files	Autocommit	Impo	ort / Export
Option				Value					
Editing channel n	umbers			Exchange chan	inels				
Initial ECU page				Current ECU pa	age				
Verify checksum			Working page: Reference page Code page: Ye	Yes e: Yes s				=	
Automatic Checksum Calculation			Yes						
Confirm page switch			Yes						
Optimized Up/Download			No						
ETK steal measure	ment rasters		(3)	Yes					-
ETK Reset Security	1			Yes					
Default KWP2000 Flash Port Type for ETK			NO ETK						
Counter device m	ode recommend	led		No system sug	gestion				
2				F00					· ·
Defines whether r To avoid uncontr	neasurement ras olled termination	ters are allocat n of concurrent	ed for IN t bypass	ICA measurem applications, it	ent automatica is highly recon	Illy, even if use nmended that t	d by another applica this option be set to	ition. 'No'.	
									-

- When you do this:
 - o The measurement on INTECRIO site stops and
 - The entire Bypass stops

Do you still have questions?

- You will find further FAQ here: www.etas.com/en/faq
- Please feel free to contact our Support Center, if you have further questions.
- Here you can find all information: <u>http://www.etas.com/en/hotlines.php</u>

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