

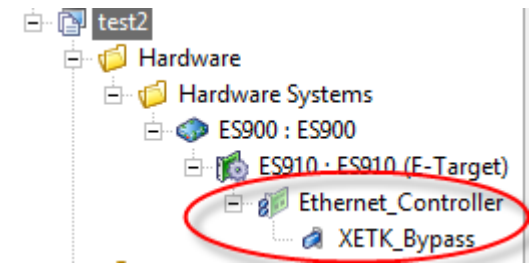


New features in prototyping software tools in Q4/2015

- SBB for XETK
- Error handling of hooked service points similar to classical service points
- Workspace Import/Export considers AUTOSAR Modules
- Migration to RTA-OS for Virtual Prototyping
- Seed&Key on XCPonCAN
- Simulink R2015a/b Support
- Miscellaneous

Support of SBB with DISTAB17 for XETK

- Support of SBB 2.1 with DISTAB17 for XETK
 - SBB 3.1 is also supported by INTECRIO, currently no XETK available that supports it though
- The XETK is a subnode of Ethernet_Controller
 - Both Ethernet_Controller and XETK require a valid IP-adress (to be configured with the XETK Config Tool)
- In Q4/2015 only BR_XETK-S1, XETK-S21 are XETK-S31 supported, further XETKs might follow (and can be used with INTECRIO 4.6)



XETK_Bypass		Parameter	Value
1	Name	XETK_Bypass	
2	IP Address XETK	1.1.1.3	
3	UDP Port XETK	1802	
4	Decryption Key	test	
5	ASAM-MCD2 File	<input type="checkbox"/> C:\Users\losc9fe\Documents\ETAS\INTECRIO4.6\Exam	
6	AML Version	ETK_XETK 2.0.0	
7	AML Version SBB	3.1.1	
8	SBB Version	2.1	
9	DISTAB Type	17	
10	ECU Byte Order	little endian (Intel)	
11	Trigger Segment Address [hex]	0x0	
12	ETK_XETK_ID	3	
13	ETK_XETK_ID Display Name	default XETK	

- Possibility to activate and configure error handling for hooked service points, so that mechanisms similar to classical service points can be used
- The user can configure:
 - Timeout value
 - Tolerated lost cycles: communication error of a service point leads to an incrementation of the corresponding error counter.
 - Reaction on lost communication

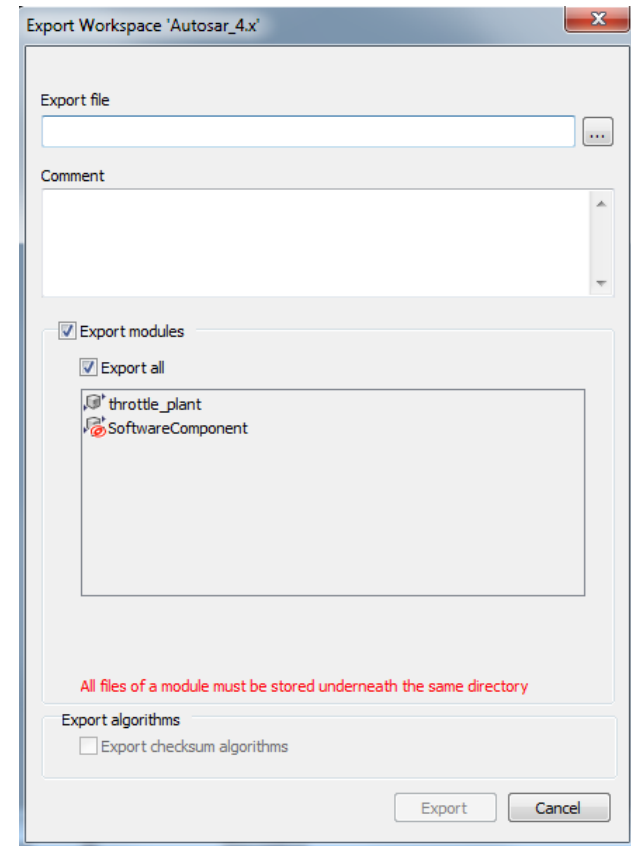
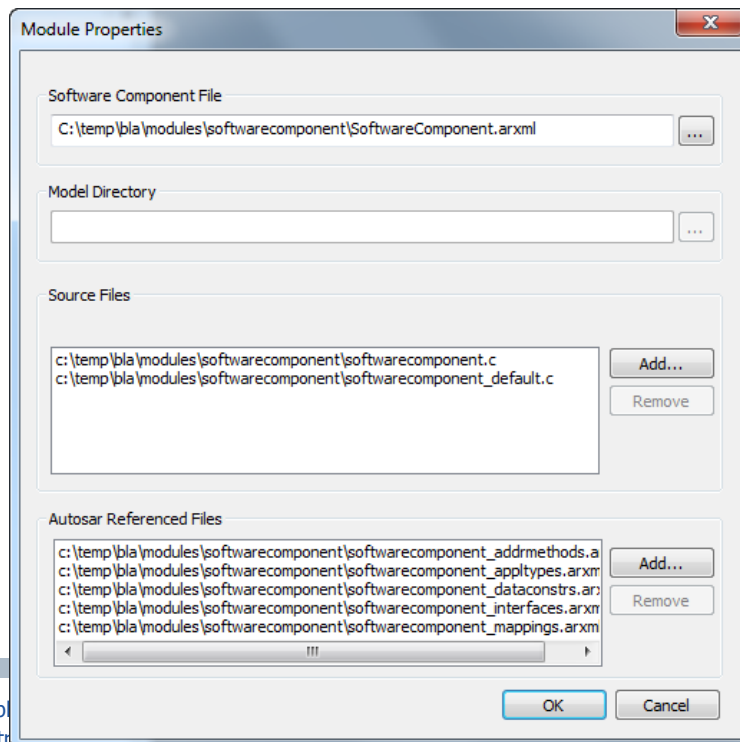
The screenshot shows the XETK_Bypass application window. It contains a table with the following data:

	Name	Priority	Select	Timeout [ms]	Tolerated Lost Cycles	Reaction On Lost Communication
1	MyServicePoint 07 Hooked	15	<input checked="" type="checkbox"/>	.065535	1	Ignore
2	MyServicePoint 08 Hooked	19	<input checked="" type="checkbox"/>	.065535	4	Execute Callback Routine
3	MyServicePoint 09 Hooked	3	<input type="checkbox"/>			
4	MyServicePoint 10 Hooked	2	<input type="checkbox"/>			
5	MyServicePoint 11 Hooked	4	<input type="checkbox"/>			
6	MyServicePoint 12 Hooked	5	<input type="checkbox"/>			

On the right side of the interface, there is a search filter section with a text input field, the text "Found: 6 of 6", and two progress bars:

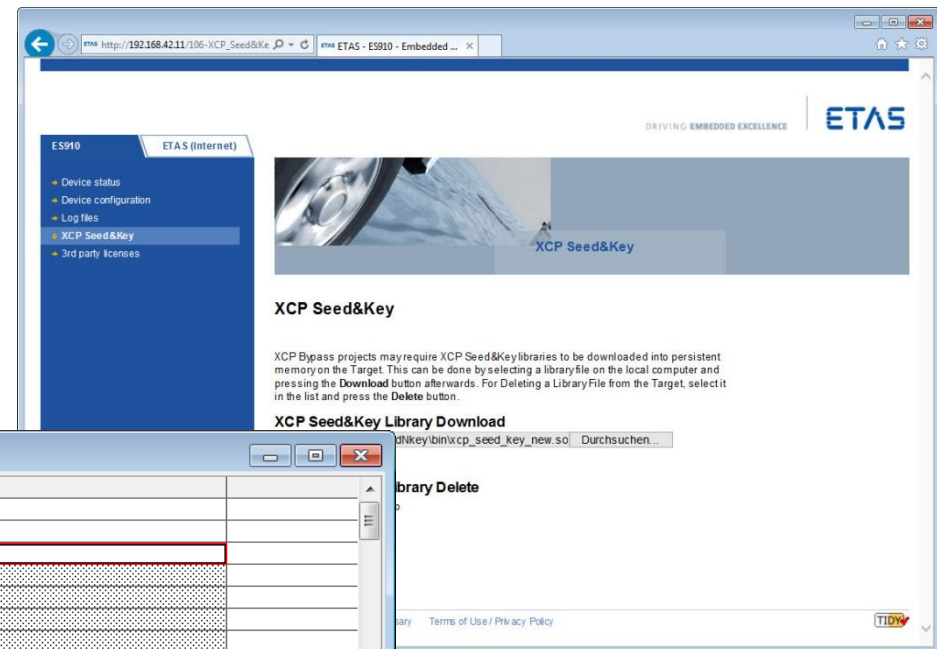
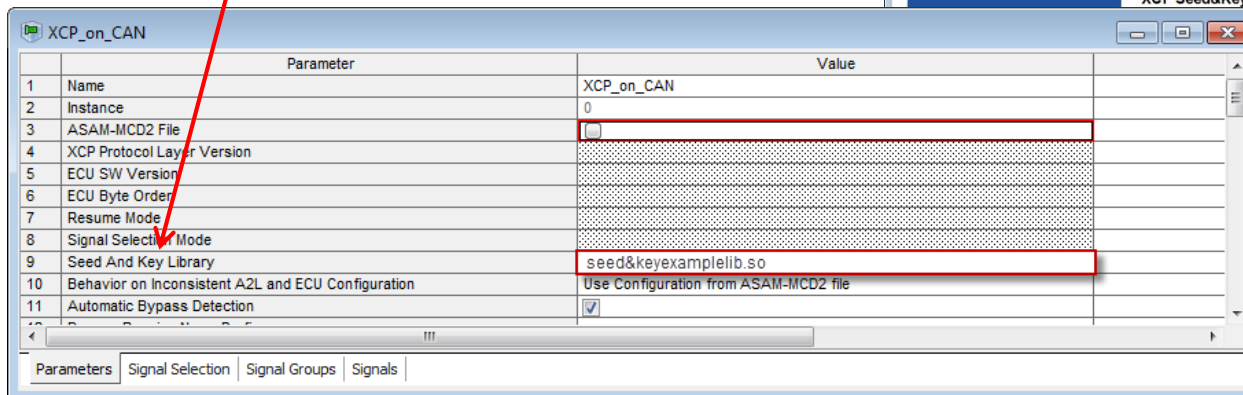
- Resource Working Area Usage: 6 %
- Raster Usage: 66 %

- Workspace Import and Export does now also consider AUTOSAR modules
- Reference pathes are updated accordingly after import

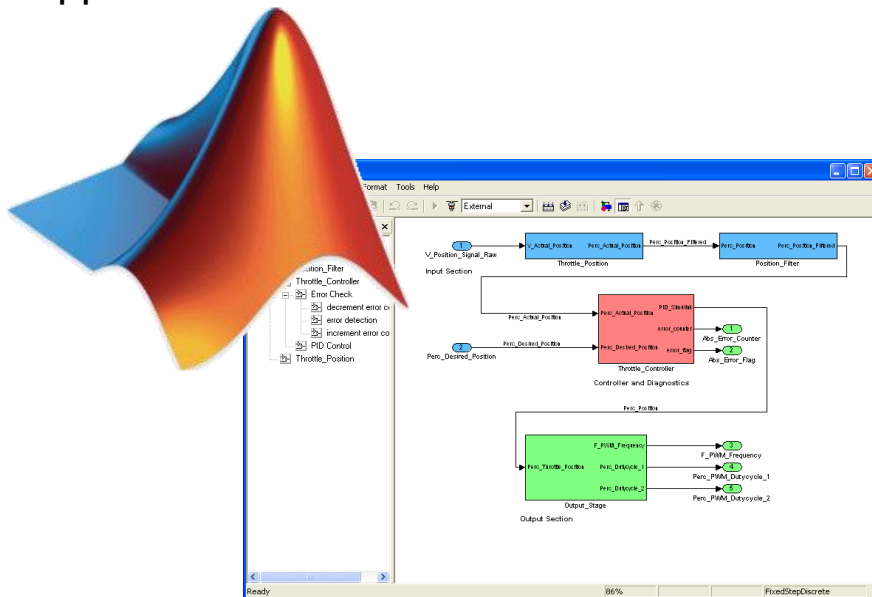


- The Virtual Prototyping can now use VRTA-OS
 - No direct benefit for the user, but a technically necessary update to enable functionality that will be provided with future INTECRIO versions
 - Detailed explanation how to enable the VRTA-OS is provided in the Release Notes and is only recommended to enhanced users
- Target server update is required, therefore the user shall switch to either Common EE 3.7 or INCA 7.2

- INTECRIO now allows to unlock an encrypted XCP access in an ECU
 - Enables an XCPonCAN Bypass via ES910 for an encrypted ECU
- Via the ES910 Web interface, the user can download a Seed&key library to the ES910
- In INTECRIO, the user can specify which library to use



- INTECRIO V4.6 will support Simulink R2015a and R2015b
- No Simulink® versions are discontinued with INTECRIO 4.6, versions of the last 6 years are currently supported (starting with Simulink® R2009a)
- Support for native Simulink® x64 starts with R2009a



- CEE 3.7 Update
 - The Common Experiment Environment is updated to V3.7
- End of WinXP Support
 - INTECRIO 4.6 can not be installed on a WinXP machine
- Update A2I parser to support ASAM 1.6.1 and 1.7