
INCA-ES9xx V7.0.2

Release Notes

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1 About this INCA-ES9xx AddOn version

1.1 Type of version

This version of INCA-ES9xx contains all features and corrections released with previous INCA versions for the integration of the ES9xx devices as ES910.3-A, ES910.2, ES920.1 and ES921.1. Additionally it contains the initial integration of the ES920.1 hardware in INCA as well as the ES9xx features: FlexRay Monitoring, XCP-on-FlexRay for MC, LIN Monitoring in INCA.

This INCA-ES9xx AddOn is released the first time in correlation with INCA V7.0.0.

1.2 Installation properties

Support of ES9xx modules within INCA is provided by a separate INCA-ES9xx AddOn. INCA-ES9xx AddOns with additional features or new modules may become available independent from INCA Main releases. The INCA installation medium contains the latest version of the INCA-ES9xx AddOn available on the release date of INCA and is installed automatically during the INCA installation.

This INCA-ES9xx V7.0.2 is shipped as a separate AddOn installation to the INCA product. The INCA-ES9xx AddOn installation contains all necessary elements to integrate the ES9xx devices into INCA. The INCA-ES9xx V7.0.2 Add-On is not protected via electronic licensing.

This INCA-ES9xx AddOn is available as CD with the ES910.3-A delivery content or on the ETAS website (see section ETAS Download Center).

INCA, MDA and some add-ons are protected via electronic licensing. In order to run and use the products, a license file is required that needs to be installed via the ETAS License Manager. The license manager is opened during the installation and can also be started at a later point as an external program located in the ETAS program folder in the Start menu. The license file can be obtained through a self service portal on the ETAS website by using the software entitlement you received during the order process or it is provided by your tool coordinator.

1.3 Scope of application

With this version user of all ES910.3-A, ES910.2, ES920.1, ES921.1 modules and INCA are addressed.

2 Product Definition

INCA-ES9xx enables the support of ES9xx modules for Measurement and Calibration functionality within INCA. An ES910.2(-B) or alternatively an ES910.3-A module, optional equipped with an ES920.1 or alternatively an ES921.1 extension is supported.

2.1 System Prerequisites

For the INCA-ES9xx AddOn the same system prerequisites are required as for the INCA product. Please refer to the corresponding INCA System Prerequisites.

For the INCA-ES9xx AddOn the same system restrictions are mandatory as for the INCA product. Please refer to the corresponding INCA System Restrictions.

2.2 Software Prerequisites

ATTENTION:

FOR ENABLING THE COMPLETE FEATURE SET THE INSTALLATION OF

- INCA V7.0.0 Hotfix 4
- INCA-FLEXRAY V7.0.0
- INCA-LIN V7.0.0

IS NECESSARY PRIOR TO THE INSTALLATION OF INCA-ES9xx V7.0.2

IN ADDITION IT IS NECESSARY TO UPDATE ALL FIRMWARE USING HSP V9.4.0 OR LATER, PRIOR USING INCA/INCA-ES9xx WITH ES9xx HARDWARE.

IN ADDITION RECOMPILATION OF INCA-EIP MODELS WITH INTECRIO V4.0.0 IS NECESSARY TO RUN THEM WITH INCA-EIP AND ES910 CONTAINING FIRMWARE HSP 9.4.0.

FOR ENABLING THE COMPLETE FEATURE SET OF THE ES9xx MODULES THE INSTALLATION OF THE FOLLOWING SOFTWARE IS REQUIRED:

- INCA V7.0.0 Hotfix 4
- INCA-FLEXRAY V7.0.0
- INCA-LIN V7.0.0
- INCA-ES9xx V7.0.2
- INCA-EIP V7.0.0 (optional)
- ODX-LINK V1.4.2 (diagnostics and flash programming on CAN)
- INTECRIO V4.0.0 (for rapid prototyping functionality)
- ASCET-RP V6.1.3 (release planned Q4/2011)
- RTA-Trace V2.1.2
- HSP V9.4.0 (Hardware Service Pack to update the firmware of hardware modules)

2.2.1 Prerequisites for LIN Monitoring

To enable the new LIN Monitoring feature for the ES9xx modules the following subset of software is min. required:

- INCA V7.0.0 Hotfix 4
- INCA-LIN V7.0.0
- INCA-ES9xx V7.0.2
- HSP V9.4.0 (Hardware Service Pack to update the firmware of hardware modules)

To enable the new LIN Monitoring feature the following hardware is min. required:

- ES910.2
- ES910.2-B
- ES910.3-A

2.2.2 Prerequisites for FlexRay Monitoring and XCP on FlexRay (MC)

To enable the new FlexRay Monitoring and XCP on FlexRay MC feature for the ES9xx modules the following subset of software is min. required:

- INCA V7.0.0 Hotfix 4
- INCA-FLEXRAY V7.0.0
- INCA-ES9xx V7.0.2
- HSP V9.4.0 (Hardware Service Pack to update the firmware of hardware modules)

To enable the new FlexRay Monitoring and XCP on FlexRay MC feature for the ES9xx modules the following subset of hardware is min. required:

- ES920.1

Applied in an ES910.2, ES910.2-B, ES910.3-A.

2.3 Supported ETAS Hardware Products

- ES910.2
- ES910.2-B
- ES910.3-A
- ES920.1
- ES921.1
- AS951.1-A
- Combination AS951.1-A/ES921.1

2.4 Documentation

The INCA-ES9xx installation delivers an extension of the INCA Online Help, describing the INCA-ES9xx AddOn features.

There is no printed version of the ES9xx Hardware User's Manual available. All available documentation is installed in the ...\\ETAS\\INCA7.0\\Manuals folder. The file format is Adobe-PDF. An Adobe Acrobat Reader is needed to read and print the Manuals.

The Adobe Acrobat Reader, which is available free of charge at <http://www.adobe.com>.

3 Enhancements and Corrections

3.1 New or Enhanced Functions in INCA-ES9xx 7.0.2

- Support of INCA V7.0.0
- Support of AS951.1-A and the combination of AS951.1-A/ES921.1
- ETAS ECU and Bus Interfaces V1.4.0

3.2 Known issues

The following table contains known issues open for this release.

Call #	Description

3.3 Corrected Errors

The following table contains problem reports corrected in this release.

Call #	Description	Product	HSP Version
#312205	Version information of loaded package displayed correctly now.	INCA-ES9xx 7.0.0/1	n.a.

4 Hints

4.1 System Restrictions

WINDOWS® 95b, WINDOWS® NT, WINDOWS® 98SE and WINDOWS® 2000 are not supported.

4.2 Use Case ES910, INCA-EIP, HSP V9.4.0

Use case with ES910/INCA-EIP/HSP V9.4.0: Rapid Prototyping models generated with INTECRIO V3.2.0/ASCET-RP V6.1.2 and earlier versions do not run with INCA-EIP on ES910 units containing firmware from HSP V9.4.0 or later.

Solution: Recompile the rapid prototyping model with INTECRIO V4.0.0 and export of the INCA-EIP model. Finally import of the model into INCA/INCA-EIP.

4.3 Target Server, INCA V6.2 & INTECRIO V3.0 dependency

INCA V7.0 introduces a new version of the Target server component.

For this reason, with INCA V7.0 and INTECRIO V3.2 (as well as with earlier INTECRIO-versions) simultaneous online operation will not be possible. E.g., if during bypass operation INCA V7.0 is used to measure and to calibrate on an ECU, INTECRIO V3.2 cannot access the corresponding RP hardware (ES9xx or ES1000) at the same time.

Possible workaround:

Use INCA V6.2.1 for parallel operation with INTECRIO V3.1.x and V3.2.x..

5 Support and Problem Reporting

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