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## INCA V7.3 Service Pack 7.4

### Release Notes

Release: May 2022

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## 1 Introduction

Dear customer, in this file you will find the latest information about the ETAS INCA Service Pack. The INCA Service Pack will update automatically the most common ETAS INCA products on your computer (included ETAS products see Release Notes below).

For detailed information about the included ETAS products read the corresponding release notes, please.

### *Important note:*

***IT IS NECESSARY TO UPDATE ALL FIRMWARE USING THE RECOMMENDED HARDWARE SERVICE PACK (HSP) V10.x PRIOR TO USING INCA V7.2 WITH HARDWARE***

With the every new ETAS INCA Service Pack typically also a higher HSP version must be used. For the corresponding version see the release notes below.

HSP is not part of the INCA Service Pack. The latest recommended HSP version is available on the ETAS Download Page.

### 1.1 Definitions and Abbreviations

Term/Abbreviation	Definition
CDM	Calibration Data Manager
EE	INCA Experimental Environment
EHI	ETAS Help Desk International
LiMa	ETAS License Manager
HSP	Hardware Service Pack
HF	Hotfix
HW	Hardware
MDA	INCA Measure and Data Analysis
MIP	Matlab Integration Package
MR	Multi-Recorders
OHI	Open Hardware Integration
OS	Operating System
KIR	<b>Known Issue Report</b> – For severe Problem Reports which occur after a release, ETAS has introduced the Known Issue Report to inform affected customer immediately. The current Known Issues of former versions can be found on the ETAS website: <a href="http://www.etas.com/kir">http://www.etas.com/kir</a>
PR	Problem Report
SP	Service Pack
SW	Software
VSD	Variable Selection Dialog
WB	Walkback, Inca system error

## 1.2 References

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For further information see the Release Notes of the corresponding products shipped with the INCA Service Pack.

## 1.3 Conventions

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The following typographical conventions are used in this document:

Choose <b>File → Open</b> .	Menu commands are shown in boldface.
Click <b>OK</b> .	Buttons are shown in boldface.
Press <ENTER>.	Keyboard commands are shown in angled brackets.
The "Open File" dialog box is displayed.	Names of program windows, dialog boxes, fields, etc. are shown in quotation marks.
Select the file <code>setup.exe</code>	Text in drop-down lists on the screen, program code, as well as path- and file names are shown in the Courier font.
A <i>distribution</i> is always a one-dimensional table of sample points.	General emphasis and new terms are set in italics.

## 1.4 User Documentation

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The INCA user's documentation in PDF format can be found on the DVD or in the installation folder on the PC.

It can be called up from INCA via the menu item ? → **Manuals and Tutorial** or via the Windows start – menu: → **Program** → **ETAS INCA 7.3** → **Manuals and Tutorial**.

## 2 Product Definition

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### 2.1 Functions at a glance

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An ETAS INCA Service Pack (SP) is one single ZIP file containing

- Latest version of INCA V7.3 and the most important related INCA Add-ons
- Installation routine, which automatically installs/updates INCA and the INCA add-ons already installed on the user's PC (and shipped with the current INCA Service Pack).
- Add-ons, which are not installed on the user's PC, will not be installed / updated automatically but on demand (selection via check box).  
This may also require a valid license key.
- INCA and the INCA add-ons are available in the ZIP as single / separate installations as well. It is still possible to create user / company specific installations if required.  
If an add-on is not installed, it could be installed manually by starting the corresponding installation. But this is no longer recommended. Recommended is to use the `Setup_ServicePack` to guarantee that all products are updated to the same release level.
- INCA Refreshes, Hotfixes and add-ons will no longer be available on the download page as single downloads.
- INCA Service Packs are be offered for INCA V7.0 and higher
- The Release Notes, What's New, Updated Manuals and Open Source Software Attribution documentation of INCA and the included INCA add-ons are collected in folder "Documentation"

After successful installation of the INCA Service Pack with `Setup_ServicePack` the complete content of folder "Documentation" is available via  
**Program-Menu -> ETAS -> INCA 7.3 ServicePack**  
or directly on `<INCA 7.3 installation path>\Readme\INCA_ServicePack`.

## 2.2 General Description

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### 2.2.1 Safety Notice

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Calibration activities influence the behavior of the ECU and the systems controlled by the ECU. This may result in unexpected behavior of the vehicle and thus can lead to safety critical situations.

Only well trained personnel should be allowed to perform calibration activities.

Sending CAN messages influences the behavior of the CAN bus network and the systems connected to it. This may result in unexpected behavior of the vehicle and thus can lead to safety critical situations.

Only well trained personnel should be allowed to perform CAN message sending activities.

Calibrate measurement (Write to RAM) activities influence the behavior of the ECU and the systems controlled by the ECU. This may result in unexpected behavior of the vehicle and thus can lead to safety critical situations.

Only well trained personnel should be allowed to perform calibrate measurements activities.

**Important:** With release of INCA V7.2 SP13.1 the new ETAS Safety Advice is available with the following additional languages: Belarussian, Russian, Ukrainian, Vietnamese, Thai, Traditional Chinese, Indonesian, and Hindi. Please read it carefully.

The ETAS Safety Advice is displayed during start of INCA (Disclaimer) and it is available in `ETAS_Safety_Advice.pdf` in the folder `\Documentation\ReleaseNotes\` of the installation package (ZIP file)  
or after installation of the INCA Service Pack in

**Program-Menu -> ETAS -> INCA 7.3 ServicePack** in the folder `\ReleaseNotes`.

### 2.2.2 Known Issue Reports

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If a product issue develops, ETAS will prepare a Known Issue Report (KIR) and post it on the internet. The report includes information regarding the technical impact and status of the solution. Therefore you must check the KIR applicable to this ETAS product version and follow the relevant instructions prior to operation of the product.

The Known Issue Report (KIR) can be found here:

<http://www.etas.com/kir>

### 2.2.3 System Prerequisites

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Same like the included INCA refresh, hotfix and add-on installations and INCA related SW. See the Release Notes of the corresponding products shipped with the Service Pack.

## 2.2.4 Software Prerequisites

To update the SW shipped with this INCA Service Pack, the corresponding product has to be installed on the computer. Most of the INCA – add-ons could be installed directly with the Service Pack installer on request, but the DVD/CD of the corresponding product might contain additional tools and documentation.

## 2.3 Delivery

The software is delivered with an installation routine, software, documentation, tools, utilities, and further information. All software documentation (e.g. the Release Notes of the included ETAS products/add-ons) is available in the Portable Document Format (PDF) in the folder \Documentation, which requires Adobe® Reader®.

The Service Pack (ZIP File) contains the following items:

Directory	Meaning / Explanation
<b>Main folder</b>	Installations and documentation of INCA V7.3SP N and related SW
\INCA_V72SP_N	Important: do not change folder structure below and unzip the complete folder content and structure.
- Start.exe	Guided tour through the content of DVD and Start of the product installation. Note: DVD only.
- Setup_ServicePack.exe	Setup to install/update the included INCA related SW (Refresh, hotfix, add-ons, and related tools) automatically
- Installation.xml	Configuration of the Service Pack installation – preselecting of add-ons which shall be installed. Also for silent installation.
- INCA_V7.n.m_ServicePack-Release_Notes.pdf	This Service Pack release notes and additional important information in PDF-format (or TXT-format)
- INCA-V7.n-SP-What's-new.pdf	
<b>Sub (sub) – Folders</b>	
\Documentation	Release Notes, What's New, Manuals, etc. of the corresponding installations of the SP and related documentation (e.g. open source software documentation). Includes also last minute changes, known issues. The complete folder is copied to the computer and linked into the Start Menu.
\01_INCA_V7.3.x	INCA Refresh, Hotfix and add-on and the complete documentation of the INCA SP
- \00_INCA73x	The INCA (update) installation
- \..\General AddOns (free)	The installations of the corresponding INCA add-on refreshes (never change these folders!)
- \..\Licensed AddOns	
- \MIP	Additional installations or tools, e.g. the INCA - AddOn MIP installation (without automatic update/installation via Setup_ServicePack.exe).
- \INS_IP	
Tools  - \MDFShellExtension	These installations has to be started manually via double click on installation executable (see release notes for details)
- \LicenseServer_FlexNet	
- \Tool_Name	
\03_MDA_V7.3.x	MDA installation

\05_ETK_Tools	ETK Tools installation
\HSP	Hardware Service Pack installation (DVD only)
\Demos	Different videos (DVD only)
\de-DE \en-US \fr-FR \ja-JP \zh-CN \de-CH \HTML	Additional internal tools to support the installation, e.g. national language support of the Setup_ServicePack.exe
01_INCA_V7.3.x\00_Prod_INCA_72x\ Packages\3rdParty	<p>Required 3<sup>rd</sup> Party installations (like .NET, different versions of vc_redist) which are all required for operation of the INCA Service Pack.</p> <p>Only for IT/Tool coordinators: If installed separately on a computer, these installations can be removed from the INCA Service Pack Installation.</p> <p>Notes: The INCA SP installation might fail if not installed.</p> <p>After installation a reboot is required before installation of the INCA Service Pack.</p> <p>As the 3<sup>rd</sup> Party installation might require a reboot, it is recommended to install these in advance and reboot the computer, to avoid a reboot during the installation of the INCA Service Pack.</p>

## 2.4 Installation

### 2.4.1 Installation Hints

**Shut down all ETAS SW before updating it with the INCA Service Pack.** Otherwise the installation might be incomplete, stop, or the final installation will not run without issues.

**Important:** After the installation a reboot of the computer system is recommended. Whenever uninstalling INCA, the INCA uninstall program should be used. This ensures that all add-ons and other products installed with INCA are also uninstalled (except ETASData and ETAS License Manager). Never delete files or folders manually. Installation, update to a new or downgrade to a former INCA Service Pack version is also recommended with help of the Setup\_ServicePack.exe.

**Important:** INCA add-ons (or INCA engineering add-ons) which are not part of the INCA Service Pack has to be updated manually to avoid unexpected behavior. Not updated add-ons might lead to system errors or wrong results.

**New with INCA V7.3 SP4 and higher:** A detailed description of the installation of the INCA Service Pack is available in the INCA\_V7.3\_Install\_Guide\_NN.pdf in the Folder \Documentation\Manuals\ of the installation package (ZIP file) or after installation of the INCA Service Pack in

**Program-Menu -> ETAS -> INCA 7.3 ServicePack** in the folder \Manuals.

## 2.4.2 Firmware – Hardware Service Pack (HSP)

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Important note:

***IT IS NECESSARY TO UPDATE ALL FIRMWARE USING THE RECOMMENDED HARDWARE SERVICE PACK (HSP) V12.x PRIOR TO USING INCA V7.3 WITH HARDWARE***

With the every new INCA Service Pack typically also a higher HSP version must be used.

For the corresponding version see the release notes below.

HSP is not part of the INCA Service Pack. The latest recommended HSP version is available on the ETAS Download Page.

## 3 Service Pack Information - Known Issues - New Features and Improvements

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This chapter describes changes with respect to the previous version of the INCA Service Pack including version history in reverse order.

### What's New

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See version history below for a rough overview and changes of the Service Pack itself (including ServicePack\_Installer.exe) but mainly see the *What's New* and *Release Notes* of each product shipped with the Service Pack

## 3.1 Important Note to the Installation valid for each Service Pack

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It is recommended to install, update or down date the INCA Service Pack only with help of the Service Pack Installer of each INCA SP (but no manual selection and installation/update of some of the installed products to avoid incompatibilities). Uninstallation only via the Windows control panel – but no manual deletion of files or folders.

- HSP is not included in the INCA Service Pack (exception: INCA 7.3.0 DVD version). Please download HSP from the ETAS download center and update the FW of the used devices.  
Important: With the every new INCA Service Pack typically also a higher HSP version has to be used. For the corresponding version see the release notes below. Operation of hardware with former firmware version might cause erroneous operation.
- Each of the included installations (add-ons) of the SP is recommended, if the corresponding HW support is required and/or a former version of the add-on was already installed.
- If the products of the SP are installed via Setup\_ServicePack.EXE the products are automatically installed in the recommended order.  
(Manual installation: The recommended installation order is like the release order (or order in the SP), if nothing different is specified in the corresponding readme.txt of the add-ons)
- Some installations (like MDF Shell Extension, MIP) cannot be installed automatically, e.g. they require some user input during installation:
  - o If you need to install MDF Shell Extension, please execute  
  \MDFShellExtension\MDFShellExtension.exe for manual installation.
- check the ETAS download center for updated versions.

- Details on Service Pack Installation – see also `Setup_ServicePack.pdf` (root of Service Pack folder).

### 3.2 Known Issues

This section describes the general set of known problems of the released version of the INCA Service Pack.

New (solved) known issues of each Service Pack – see also the corresponding section below.

For details and known issues of the included ETAS products and add-ons, check also the corresponding release notes, please.

Problem Number	Title
EH1 #519920	<p>INCA/MDA installation fails due to limited disk space during .NET 4.6.x installation</p> <p>Workaround: The installation of .NET 4.6.x requires min. disk space of 4.5GB before installing INCA or MDA itself. If .NET 4.6.x is not installed, this amount of space is required in addition to the min. required space for the ETAS product installation.</p> <p>It is recommended to install .NET 4.8.x before the INCA Service Pack installation. Source: Either from Microsoft or from installation the following share on the INCA 7.3 DVD/SP: 01_INCA_V7.3.n\00_Prod_INCA_72n\Packages\3rdParty\DotNet4.8.x Note: Use the latest .Net 4.8.x version shipped with the INCA Service Pack. Reboot the computer after the .NET-installation and before installation of the INCA Service Pack is required.</p> <p>Note: The same is valid for higher versions or .NET.</p>

### 3.3 INCA V7.3 SP 7.4

#### 3.3.1 Content of Service Pack and recommended installation

- INCA V7.3.7
- INCA V7.3.7 HF4

Free general INCA Add-Ons:

- INCA AddOn eCDM V7.3.7
- INCA AddOn DriveRecorder V7.3.7
- INCA AddOn Video Tutorials V7.3.7

Licensed INCA Add-Ons

- INCA AddOn MCE V7.3.7
- INCA AddOn Vector-Hardware V7.3.7
- INCA AddOn FlexRay V7.3.7 Build 93
- INCA AddOn LIN V7.3.7
- INCA AddOn QM-Basic V7.3.7
- INCA AddOn EIP V7.3.7 Build 95
- INCA AddOn SIP V7.3.7
- INCA AddOn ODX V7.3.7
- INCA AddOn CAN-Transmit V7.3.7
- INCA AddOn INCA-VoiceRecorder V7.3.7
- INCA AddOn INCA-TOUCH V7.3.7

Further ETAS Products:

- MDA V8.5.7
- ETK Tools V4.2.7 Build 96
- ETAS License Manager V1.8.5 and
- BOA EBI Distribution Package V2.31

Together the INCA Service Pack the ETAS License Manager (LiMa) is shipped.

All ETAS software products are sharing only one installation of the ETAS LiMa. Therefore each product installation installs LiMa only if there is an older or no version available on the target computer. Another ETAS software product might update LiMa to a succeeding version.

The same is valid for the BOA EBI Distribution Package.

- Setup Service Pack V2.3.7 (not installed)

Shipped with the INCA Service Pack, but manual installation required:

- INCA-MIP V7.3.7 (manual installation, see important notes above)
- MDF Shell Extension V2.0.5 (manual installation, see important notes above)

In addition required and update of HW highly recommended:

- HSP V12.7 or V13.0 (available on the ETAS Download Center)

### 3.3.2 Known issues and important hints

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- After the installation of the INCA Service Pack a reboot of the computer system is recommended. This is also true for hotfix installations.
- #663640 Service Pack Installer: Installation of INCA 7.3 fails with exception. During the installation of the Service Pack, it might happen that the Service Pack Installer (SPI) crashes.  
It is then typically not possible to start the SPI again to continue the installation, as the reboot is requested and pending.  
Please reboot the computer in such case. Typically, the SPI will then start automatically and finalize the installation. If not, please start the SPI again and select your products, which shall be additionally installed.
- INCA add-ons (or INCA **engineering add-ons**) which are not part of the INCA Service Pack has to be updated manually to avoid unexpected behavior. Not updated Add-ons might lead to system errors or wrong results.
- Hardware supported free is now integrated into the INCA base installation. No further additional add-on-installation required. See also section "No longer shipped with INCA V7.3" (at the bottom of these release notes)
- An overview about the the changes with the INCA V7.3 64 bit Windows Application and a complete list of Hardware that is no longer supported by INCA V7.3 is available in the following documentation:
  - INCA-V7.3-Whats-new.PDFand
  - INCA-V7.3-Introduction.PDFin the folder \Documentation\WhatsNew\ of the installation package (ZIP file) or after installation of the INCA Service Pack in  
**Program-Menu -> ETAS -> INCA 7.3 ServicePack** in the folder \WhatsNew.
- Details on options of the Service Pack Installation – see also Setup\_ServicePack.pdf in the folder \Documentation\ReleaseNotes\INCA\_AddOns\ of the installation package (ZIP file) or after installation of the INCA Service Pack in  
**Program-Menu -> ETAS -> INCA 7.3 ServicePack** in the same folder.

### 3.3.3 Solved known issue and important hints

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- See also INCA V7.3 Release Notes

### 3.3.4 Changed installations, major bug fixes and improvements

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#### *Updated products, add-ons, components*

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- INCA V7.3.7 with INCA V7.3.7 HF4

#### *New products, add-ons, components*

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- NA

#### *New Features and bug fixes*

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- See INCA V7.3 SP 7

### 3.4 INCA V7.3 SP 7.3

#### 3.4.1 Content of Service Pack and recommended installation

- INCA V7.3.7
- INCA V7.3.7 HF3

Free general INCA Add-Ons:

- INCA AddOn eCDM V7.3.7
- INCA AddOn DriveRecorder V7.3.7
- INCA AddOn Video Tutorials V7.3.7

Licensed INCA Add-Ons

- INCA AddOn MCE V7.3.7
- INCA AddOn Vector-Hardware V7.3.7
- INCA AddOn FlexRay V7.3.7 Build 93
- INCA AddOn LIN V7.3.7
- INCA AddOn QM-Basic V7.3.7
- INCA AddOn EIP V7.3.7 Build 95
- INCA AddOn SIP V7.3.7
- INCA AddOn ODX V7.3.7
- INCA AddOn CAN-Transmit V7.3.7
- INCA AddOn INCA-VoiceRecorder V7.3.7
- INCA AddOn INCA-TOUCH V7.3.7

Further ETAS Products:

- MDA V8.5.7
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- INCA-MIP V7.3.7 (manual installation, see important notes above)
- MDF Shell Extension V2.0.5 (manual installation, see important notes above)

In addition required and update of HW highly recommended:

- HSP V12.7 or V13.0 (available on the ETAS Download Center)

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- INCA add-ons (or INCA **engineering add-ons**) which are not part of the INCA Service Pack has to be updated manually to avoid unexpected behavior. Not updated Add-ons might lead to system errors or wrong results.
- Hardware supported free is now integrated into the INCA base installation. No further additional add-on-installation required. See also section "No longer shipped with INCA V7.3" (at the bottom of these release notes)
- An overview about the the changes with the INCA V7.3 64 bit Windows Application and a complete list of Hardware that is no longer supported by INCA V7.3 is available in the following documentation:
  - INCA-V7.3-Whats-new.PDF
  - and
  - INCA-V7.3-Introduction.PDF
 in the folder \Documentation\WhatsNew\ of the installation package (ZIP file) or after installation of the INCA Service Pack in  
**Program-Menu -> ETAS -> INCA 7.3 ServicePack** in the folder \WhatsNew.
- Details on options of the Service Pack Installation – see also  
 Setup\_ServicePack.pdf in the folder \Documentation\ReleaseNotes\INCA\_AddOns\ of the installation package (ZIP file) or after installation of the INCA Service Pack in  
**Program-Menu -> ETAS -> INCA 7.3 ServicePack** in the same folder.

### 3.4.3 Solved known issue and important hints

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- See also INCA V7.3 Release Notes

### 3.4.4 Changed installations, major bug fixes and improvements

---

#### *Updated products, add-ons, components*

---

- INCA V7.3.7 with INCA V7.3.7 HF3
- INCA AddOn FlexRay V7.3.7 with INCA AddOn FlexRay V7.3.7 Build 93.

#### *New products, add-ons, components*

---

- NA

#### *New Features and bug fixes*

---

- See INCA V7.3 SP 7

### 3.5 INCA V7.3 SP 7.2

#### 3.5.1 Content of Service Pack and recommended installation

- INCA V7.3.7
- INCA V7.3.7 HF2

Free general INCA Add-Ons:

- INCA AddOn eCDM V7.3.7
- INCA AddOn DriveRecorder V7.3.7
- INCA AddOn Video Tutorials V7.3.7

Licensed INCA Add-Ons

- INCA AddOn MCE V7.3.7
- INCA AddOn Vector-Hardware V7.3.7
- INCA AddOn FlexRay V7.3.7
- INCA AddOn LIN V7.3.7
- INCA AddOn QM-Basic V7.3.7
- INCA AddOn EIP V7.3.7 Build 95
- INCA AddOn SIP V7.3.7
- INCA AddOn ODX V7.3.7
- INCA AddOn CAN-Transmit V7.3.7
- INCA AddOn INCA-VoiceRecorder V7.3.7
- INCA AddOn INCA-TOUCH V7.3.7

Further ETAS Products:

- MDA V8.5.7
- ETK Tools V4.2.7 Build 96
- ETAS License Manager V1.8.5 and
- BOA EBI Distribution Package V2.31

Together the INCA Service Pack the ETAS License Manager (LiMa) is shipped.

All ETAS software products are sharing only one installation of the ETAS LiMa. Therefore each product installation installs LiMa only if there is an older or no version available on the target computer. Another ETAS software product might update LiMa to a succeeding version.

The same is valid for the BOA EBI Distribution Package.

- Setup Service Pack V2.3.7 (not installed)

Shipped with the INCA Service Pack, but manual installation required:

- INCA-MIP V7.3.7 (manual installation, see important notes above)
- MDF Shell Extension V2.0.5 (manual installation, see important notes above)

In addition required and update of HW highly recommended:

- HSP V12.7 (available on the ETAS Download Center)

### 3.5.2 Known issues and important hints

---

- After the installation of the INCA Service Pack a reboot of the computer system is recommended. This is also true for hotfix installations.
- #663640 Service Pack Installer: Installation of INCA 7.3 fails with exception. If during or after the installation one of the included products of the Service Pack requires a reboot, it might happen that the Service Pack Installer (SPI) crashes. It is then typically not possible to start the SPI again to continue the installation, as the reboot is pending.  
Please reboot the computer in such case. Typically, the SPI will then start automatically and finalize the installation. If not, please start the SPI again and select your products, which shall be additionally installed.
- INCA add-ons (or INCA **engineering add-ons**) which are not part of the INCA Service Pack has to be updated manually to avoid unexpected behavior. Not updated Add-ons might lead to system errors or wrong results.
- Hardware supported free is now integrated into the INCA base installation. No further additional add-on-installation required. See also section "No longer shipped with INCA V7.3" (at the bottom of these release notes)
- An overview about the the changes with the INCA V7.3 64 bit Windows Application and a complete list of Hardware that is no longer supported by INCA V7.3 is available in the following documentation:
  - INCA-V7.3-Whats-new.PDFand
  - INCA-V7.3-Introduction.PDFin the folder \Documentation\WhatsNew\ of the installation package (ZIP file) or after installation of the INCA Service Pack in  
**Program-Menu -> ETAS -> INCA 7.3 ServicePack** in the folder \WhatsNew.
- Details on options of the Service Pack Installation – see also Setup\_ServicePack.pdf in the folder \Documentation\ReleaseNotes\INCA\_AddOns\ of the installation package (ZIP file) or after installation of the INCA Service Pack in  
**Program-Menu -> ETAS -> INCA 7.3 ServicePack** in the same folder.

### 3.5.3 Solved known issue and important hints

---

- See also INCA V7.3 Release Notes

### 3.5.4 Changed installations, major bug fixes and improvements

---

#### *Updated products, add-ons, components*

---

- INCA V7.3.7 with INCA V7.3.7 HF2

#### *New products, add-ons, components*

---

- NA

#### *New Features and bug fixes*

---

- See INCA V7.3 SP 7

### 3.6 INCA V7.3 SP 7.1

#### 3.6.1 Content of Service Pack and recommended installation

- INCA V7.3.7
- INCA V7.3.7 HF1

Free general INCA Add-Ons:

- INCA AddOn eCDM V7.3.7
- INCA AddOn DriveRecorder V7.3.7
- INCA AddOn Video Tutorials V7.3.7

Licensed INCA Add-Ons

- INCA AddOn MCE V7.3.7
- INCA AddOn Vector-Hardware V7.3.7
- INCA AddOn FlexRay V7.3.7
- INCA AddOn LIN V7.3.7
- INCA AddOn QM-Basic V7.3.7
- INCA AddOn EIP V7.3.7 Build 95
- INCA AddOn SIP V7.3.7
- INCA AddOn ODX V7.3.7
- INCA AddOn CAN-Transmit V7.3.7
- INCA AddOn INCA-VoiceRecorder V7.3.7
- INCA AddOn INCA-TOUCH V7.3.7

Further ETAS Products:

- MDA V8.5.7
- ETK Tools V4.2.7 Build 96
- ETAS License Manager V1.8.5 and
- BOA EBI Distribution Package V2.31

Together the INCA Service Pack the ETAS License Manager (LiMa) is shipped.

All ETAS software products are sharing only one installation of the ETAS LiMa. Therefore each product installation installs LiMa only if there is an older or no version available on the target computer. Another ETAS software product might update LiMa to a succeeding version.

The same is valid for the BOA EBI Distribution Package.

- Setup Service Pack V2.3.7 (not installed)

Shipped with the INCA Service Pack, but manual installation required:

- INCA-MIP V7.3.7 (manual installation, see important notes above)
- MDF Shell Extension V2.0.5 (manual installation, see important notes above)

In addition required and update of HW highly recommended:

- HSP V12.7 (available on the ETAS Download Center)

### 3.6.2 Known issues and important hints

---

- After the installation of the INCA Service Pack a reboot of the computer system is recommended. This is also true for hotfix installations.
- #663640 Service Pack Installer: Installation of INCA 7.3 fails with exception. If during or after the installation one of the included products of the Service Pack requires a reboot, it might happen that the Service Pack Installer (SPI) crashes. It is then typically not possible to start the SPI again to continue the installation, as the reboot is pending.  
Please reboot the computer in such case. Typically, the SPI will then start automatically and finalize the installation. If not, please start the SPI again and select your products, which shall be additionally installed.
- INCA add-ons (or INCA **engineering add-ons**) which are not part of the INCA Service Pack has to be updated manually to avoid unexpected behavior. Not updated Add-ons might lead to system errors or wrong results.
- Hardware supported free is now integrated into the INCA base installation. No further additional add-on-installation required. See also section "No longer shipped with INCA V7.3" (at the bottom of these release notes)
- An overview about the the changes with the INCA V7.3 64 bit Windows Application and a complete list of Hardware that is no longer supported by INCA V7.3 is available in the following documentation:
  - INCA-V7.3-Whats-new.PDF
  - and
  - INCA-V7.3-Introduction.PDFin the folder \Documentation\WhatsNew\ of the installation package (ZIP file) or after installation of the INCA Service Pack in  
**Program-Menu -> ETAS -> INCA 7.3 ServicePack** in the folder \WhatsNew.

### 3.6.3 Solved known issue and important hints

---

- See also INCA V7.3 Release Notes

### 3.6.4 Changed installations, major bug fixes and improvements

---

#### *Updated products, add-ons, components*

---

- INCA V7.3.7 with INCA V7.3.7 HF1
- INCA-EIP V7.3.7 Build95
- ETK-Tools V4.2.7 Build 96

#### *New products, add-ons, components*

---

- NA

#### *New Features and bug fixes*

---

- See INCA V7.3 SP 7

### 3.7 INCA V7.3 SP 7

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Details on Service Pack Installation – see also [Setup\\_ServicePack.pdf](#) (root of Service Pack folder).

#### 3.7.1 Content of Service Pack and recommended installation

---

##### - INCA V7.3.7

Free general INCA Add-Ons:

- INCA AddOn eCDM V7.3.7
- INCA AddOn DriveRecorder V7.3.7
- INCA AddOn Video Tutorials V7.3.7

Licensed INCA Add-Ons

- INCA AddOn MCE V7.3.7
- INCA AddOn Vector-Hardware V7.3.7
- INCA AddOn FlexRay V7.3.7
- INCA AddOn LIN V7.3.7
- INCA AddOn QM-Basic V7.3.7
- INCA AddOn EIP V7.3.7
- INCA AddOn SIP V7.3.7
- INCA AddOn ODX V7.3.7
- INCA AddOn CAN-Transmit V7.3.7
- INCA AddOn INCA-VoiceRecorder V7.3.7
- INCA AddOn INCA-TOUCH V7.3.7

Further ETAS Products:

- MDA V8.5.7
- ETK Tools V4.2.7
- ETAS License Manager V1.8.5 and
- BOA EBI Distribution Package V2.31

Together the INCA Service Pack the ETAS License Manager (LiMa) is shipped.

All ETAS software products are sharing only one installation of the ETAS LiMa. Therefore each product installation installs LiMa only if there is an older or no version available on the target computer. Another ETAS software product might update LiMa to a succeeding version.

The same is valid for the BOA EBI Distribution Package.

- Setup Service Pack V2.3.7 (not installed)

Shipped with the INCA Service Pack, but manual installation required:

- INCA-MIP V7.3.7 (manual installation, see important notes above)
- MDF Shell Extension V2.0.5 (manual installation, see important notes above)

In addition required and update of HW highly recommended:

- HSP V12.7 (available on the ETAS Download Center)

### 3.7.2 Known issues and important hints

---

- After the installation of the INCA Service Pack a reboot of the computer system is recommended. This is also true for hotfix installations.
- #663640 Service Pack Installer: Installation of INCA 7.3 fails with exception. If during or after the installation one of the included products of the Service Pack requires a reboot, it might happen that the Service Pack Installer (SPI) crashes. It is then typically not possible to start the SPI again to continue the installation, as the reboot is pending.  
Please reboot the computer in such case. Typically, the SPI will then start automatically and finalize the installation. If not, please start the SPI again and select your products, which shall be additionally installed.
- INCA add-ons (or INCA **engineering add-ons**) which are not part of the INCA Service Pack has to be updated manually to avoid unexpected behavior. Not updated Add-ons might lead to system errors or wrong results.
- Hardware supported free is now integrated into the INCA base installation. No further additional add-on-installation required. See also section "No longer shipped with INCA V7.3" (at the bottom of these release notes)
- An overview about the the changes with the INCA V7.3 64 bit Windows Application and a complete list of Hardware that is no longer supported by INCA V7.3 is available in the following documentation:
  - INCA-V7.3-Whats-new.PDF
  - and
  - INCA-V7.3-Introduction.PDFin the folder \Documentation\WhatsNew\of the installation package (ZIP file) or after installation of the INCA Service Pack in  
**Program-Menu -> ETAS -> INCA 7.3 ServicePack** in the folder \WhatsNew.

### 3.7.3 Solved known issue and important hints

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- See also INCA V7.3 Release Notes

### 3.7.4 Changed installations, major bug fixes and improvements

---

#### *Updated products, add-ons, components*

---

- All but not MDF Shell Extension V2.0.5

#### *New products, add-ons, components*

---

- NA

#### *New Features and bug fixes*

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- #625427 ServicePackInstaller: Support of empty Engineering/Custom Add-On Folder for additional Engineering - Add-Ons

### 3.8 INCA V7.3 SP 6.2

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Details on Service Pack Installation – see also the [INCA\\_V7.3\\_Install\\_Guide\\_xx.pdf](#) (in the manuals folder).

#### 3.8.1 Content of Service Pack and recommended installation

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- INCA V7.3.6
- INCA V7.3.6 HF2

Free general INCA Add-Ons:

- INCA AddOn eCDM V7.3.6
- INCA AddOn DriveRecorder V7.3.6
- INCA AddOn Video Tutorials V7.3.6

Licensed INCA Add-Ons

- INCA AddOn MCE V7.3.6
- INCA AddOn Vector-Hardware V7.3.6
- INCA AddOn FlexRay V7.3.6
- INCA AddOn LIN V7.3.6
- INCA AddOn QM-Basic V7.3.6
- INCA AddOn EIP V7.3.6
- INCA AddOn SIP V7.3.6
- INCA AddOn ODX V7.3.6
- INCA AddOn CAN-Transmit V7.3.6
- INCA AddOn INCA-VoiceRecorder V7.3.6
- INCA AddOn INCA-TOUCH V7.3.6

Further ETAS Products:

- MDA V8.5.6
- ETK Tools V4.2.6
- ETAS License Manager V1.8.4 and
- BOA EBI Distribution Package V2.30.0

Together the INCA Service Pack the ETAS License Manager (LiMa) is shipped.

All ETAS software products are sharing only one installation of the ETAS LiMa. Therefore each product installation installs LiMa only if there is an older or no version available on the target computer. Another ETAS software product might update LiMa to a succeeding version.

The same is valid for the BOA EBI Distribution Package.

- Setup Service Pack V2.3.6 (not installed)

Shipped with the INCA Service Pack, but manual installation required:

- INCA-MIP V7.3.6 (manual installation, see important notes above)
- MDF Shell Extension V2.0.5 (manual installation, see important notes above)

In addition required and update of HW highly recommended:

- HSP V12.6 (available on the ETAS Download Center)

### 3.8.2 Known issues and important hints

---

- After the installation of the INCA Service Pack a reboot of the computer system is recommended. This is also true for hotfix installations.
- #663640 Service Pack Installer: Installation of INCA 7.3 fails with exception. If during or after the installation one of the included products of the Service Pack requires a reboot, it might happen that the Service Pack Installer (SPI) crashes. It is then typically not possible to start the SPI again to continue the installation, as the reboot is pending.  
Please reboot the computer in such case. Typically, the SPI will then start automatically and finalize the installation. If not, please start the SPI again and select your products, which shall be additionally installed.
- INCA add-ons (or INCA **engineering add-ons**) which are not part of the INCA Service Pack has to be updated manually to avoid unexpected behavior. Not updated Add-ons might lead to system errors or wrong results.
- Hardware supported free is now integrated into the INCA base installation. No further additional add-on-installation required. See also section "No longer shipped with INCA V7.3" (at the bottom of these release notes)
- An overview about the the changes with the INCA V7.3 64 bit Windows Application and a complete list of Hardware that is no longer supported by INCA V7.3 is available in the following documentation:
  - INCA-V7.3-Whats-new.PDF
  - and
  - INCA-V7.3-Introduction.PDFin the folder \Documentation\WhatsNew\of the installation package (ZIP file) or after installation of the INCA Service Pack in  
**Program-Menu -> ETAS -> INCA 7.3 ServicePack** in the folder \WhatsNew.

### 3.8.3 Solved known issue and important hints

---

- See also INCA V7.3 Release Notes

### 3.8.4 Changed installations, major bug fixes and improvements

---

#### *Updated products, add-ons, components*

---

- INCA V7.3.6 with INCA V7.3.6 HF2

#### *New products, add-ons, components*

---

- NA

#### *New Features and bug fixes*

---

- NA

### 3.9 INCA V7.3 SP 6.1

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Details on Service Pack Installation – see also the [INCA\\_V7.3\\_Install\\_Guide\\_xx.pdf](#) (in the manuals folder).

INCA V7.3 SP 6.1 was released with Drive Recorder ES820 only. Not for INCA users.

#### 3.9.1 Content of Service Pack and recommended installation

---

- INCA V7.3.6
- INCA V7.3.6 HF1

Free general INCA Add-Ons:

- INCA AddOn eCDM V7.3.6
- INCA AddOn DriveRecorder V7.3.6
- INCA AddOn Video Tutorials V7.3.6

Licensed INCA Add-Ons

- INCA AddOn MCE V7.3.6
- INCA AddOn Vector-Hardware V7.3.6
- INCA AddOn FlexRay V7.3.6
- INCA AddOn LIN V7.3.6
- INCA AddOn QM-Basic V7.3.6
- INCA AddOn EIP V7.3.6
- INCA AddOn SIP V7.3.6
- INCA AddOn ODX V7.3.6
- INCA AddOn CAN-Transmit V7.3.6
- INCA AddOn INCA-VoiceRecorder V7.3.6
- INCA AddOn INCA-TOUCH V7.3.6

Further ETAS Products:

- MDA V8.5.6
- ETK Tools V4.2.6
- ETAS License Manager V1.8.4 and
- BOA EBI Distribution Package V2.30.0

Together the INCA Service Pack the ETAS License Manager (LiMa) is shipped.

All ETAS software products are sharing only one installation of the ETAS LiMa. Therefore each product installation installs LiMa only if there is an older or no version available on the target computer. Another ETAS software product might update LiMa to a succeeding version.

The same is valid for the BOA EBI Distribution Package.

- Setup Service Pack V2.3.6 (not installed)

Shipped with the INCA Service Pack, but manual installation required:

- INCA-MIP V7.3.6 (manual installation, see important notes above)
- MDF Shell Extension V2.0.5 (manual installation, see important notes above)

In addition required and update of HW highly recommended:

- HSP V12.6 (available on the ETAS Download Center)

### 3.9.2 Known issues and important hints

---

- After the installation of the INCA Service Pack a reboot of the computer system is recommended. This is also true for hotfix installations.
- #663640 Service Pack Installer: Installation of INCA 7.3 fails with exception. If during or after the installation one of the included products of the Service Pack requires a reboot, it might happen that the Service Pack Installer (SPI) crashes. It is then typically not possible to start the SPI again to continue the installation, as the reboot is pending.  
Please reboot the computer in such case. Typically, the SPI will then start automatically and finalize the installation. If not, please start the SPI again and select your products, which shall be additionally installed.
- INCA add-ons (or INCA **engineering add-ons**) which are not part of the INCA Service Pack has to be updated manually to avoid unexpected behavior. Not updated Add-ons might lead to system errors or wrong results.
- Hardware supported free is now integrated into the INCA base installation. No further additional add-on-installation required. See also section "No longer shipped with INCA V7.3" (at the bottom of these release notes)
- An overview about the the changes with the INCA V7.3 64 bit Windows Application and a complete list of Hardware that is no longer supported by INCA V7.3 is available in the following documentation:
  - INCA-V7.3-Whats-new.PDF
  - and
  - INCA-V7.3-Introduction.PDFin the folder \Documentation\WhatsNew\of the installation package (ZIP file) or after installation of the INCA Service Pack in  
**Program-Menu -> ETAS -> INCA 7.3 ServicePack** in the folder \WhatsNew.

### 3.9.3 Solved known issue and important hints

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- See also INCA V7.3 Release Notes

### 3.9.4 Changed installations, major bug fixes and improvements

---

#### *Updated products, add-ons, components*

---

- INCA V7.3.6 with INCA V7.3.6 HF1 (only for ES820).

#### *New products, add-ons, components*

---

- NA

#### *New Features and bug fixes*

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- NA

### 3.10 INCA V7.3 SP 6

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Details on Service Pack Installation – see also [Setup\\_ServicePack.pdf](#) (root of Service Pack folder).

#### 3.10.1 Content of Service Pack and recommended installation

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##### - INCA V7.3.6

Free general INCA Add-Ons:

- INCA AddOn eCDM V7.3.6
- INCA AddOn DriveRecorder V7.3.6
- INCA AddOn Video Tutorials V7.3.6

Licensed INCA Add-Ons

- INCA AddOn MCE V7.3.6
- INCA AddOn Vector-Hardware V7.3.6
- INCA AddOn FlexRay V7.3.6
- INCA AddOn LIN V7.3.6
- INCA AddOn QM-Basic V7.3.6
- INCA AddOn EIP V7.3.6
- INCA AddOn SIP V7.3.6
- INCA AddOn ODX V7.3.6
- INCA AddOn CAN-Transmit V7.3.6
- INCA AddOn INCA-VoiceRecorder V7.3.6
- INCA AddOn INCA-TOUCH V7.3.6

Further ETAS Products:

- MDA V8.5.6
- ETK Tools V4.2.6
- ETAS License Manager V1.8.4 and
- BOA EBI Distribution Package V2.30.0

Together the INCA Service Pack the ETAS License Manager (LiMa) is shipped.

All ETAS software products are sharing only one installation of the ETAS LiMa. Therefore each product installation installs LiMa only if there is an older or no version available on the target computer. Another ETAS software product might update LiMa to a succeeding version.

The same is valid for the BOA EBI Distribution Package.

- Setup Service Pack V2.3.6 (not installed)

Shipped with the INCA Service Pack, but manual installation required:

- INCA-MIP V7.3.6 (manual installation, see important notes above)
- MDF Shell Extension V2.0.5 (manual installation, see important notes above)

In addition required and update of HW highly recommended:

- HSP V12.6 (available on the ETAS Download Center)

### 3.10.2 Known issues and important hints

---

- After the installation of the INCA Service Pack a reboot of the computer system is recommended. This is also true for hotfix installations.
- #663640 Service Pack Installer: Installation of INCA 7.3 fails with exception. If during or after the installation one of the included products of the Service Pack requires a reboot, it might happen that the Service Pack Installer (SPI) crashes. It is then typically not possible to start the SPI again to continue the installation, as the reboot is pending.  
Please reboot the computer in such case. Typically, the SPI will then start automatically and finalize the installation. If not, please start the SPI again and select your products, which shall be additionally installed.
- INCA add-ons (or INCA **engineering add-ons**) which are not part of the INCA Service Pack has to be updated manually to avoid unexpected behavior. Not updated Add-ons might lead to system errors or wrong results.
- Hardware supported free is now integrated into the INCA base installation. No further additional add-on-installation required. See also section "No longer shipped with INCA V7.3" (at the bottom of these release notes)
- An overview about the the changes with the INCA V7.3 64 bit Windows Application and a complete list of Hardware that is no longer supported by INCA V7.3 is available in the following documentation:
  - INCA-V7.3-Whats-new.PDF
  - and
  - INCA-V7.3-Introduction.PDFin the folder \Documentation\WhatsNew\of the installation package (ZIP file) or after installation of the INCA Service Pack in  
**Program-Menu -> ETAS -> INCA 7.3 ServicePack** in the folder \WhatsNew.

### 3.10.3 Solved known issue and important hints

---

- See also INCA V7.3 Release Notes

### 3.10.4 Changed installations, major bug fixes and improvements

---

#### *Updated products, add-ons, components*

---

- All but not MDF Shell Extension V2.0.5

#### *New products, add-ons, components*

---

- NA

#### *New Features and bug fixes*

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- Support of MDA Add-Ons with Service Pack Installer V2.3.6  
Solved #659037 Service Pack Installer: Unhandled exception if SP with MDA & MDA Add-On is installed.

### 3.11 INCA V7.3 SP 5.2

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Details on Service Pack Installation – see also [Setup\\_ServicePack.pdf](#) (root of Service Pack folder).

#### 3.11.1 Content of Service Pack and recommended installation

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- INCA V7.3.5
- INCA V7.3.5 HF2

Free general INCA Add-Ons:

- INCA AddOn eCDM V7.3.5
- INCA AddOn DriveRecorder V7.3.5
- INCA AddOn Video Tutorials V7.3.5

Licensed INCA Add-Ons

- INCA AddOn MCE V7.3.5
- INCA AddOn Vector-Hardware V7.3.5
- INCA AddOn FlexRay V7.3.5
- INCA AddOn LIN V7.3.5
- INCA AddOn QM-Basic V7.3.5
- INCA AddOn EIP V7.3.5
- INCA AddOn SIP V7.3.5
- INCA AddOn ODX V7.3.5
- INCA AddOn CAN-Transmit V7.3.5
- INCA AddOn INCA-VoiceRecorder V7.3.5
- INCA AddOn INCA-TOUCH V7.3.5

Further ETAS Products:

- MDA V8.5.5
- ETK Tools V4.2.5
- ETAS License Manager V1.8.3 and
- BOA EBI Distribution Package V2.30.0

Together the INCA Service Pack the ETAS License Manager (LiMa) is shipped.

All ETAS software products are sharing only one installation of the ETAS LiMa. Therefore each product installation installs LiMa only if there is an older or no version available on the target computer. Another ETAS software product might update LiMa to a succeeding version.

The same is valid for the BOA EBI Distribution Package.

- Setup Service Pack V2.3.2 (not installed)

Shipped with the INCA Service Pack, but manual installation required:

- INCA-MIP V7.3.5 (manual installation, see important notes above)
- MDF Shell Extension V2.0.5 (manual installation, see important notes above)

In addition required and update of HW highly recommended:

- HSP V12.5 (available on the ETAS Download Center)

### 3.11.2 Known issues and important hints

---

- After the installation of the INCA Service Pack a reboot of the computer system is recommended. This is also true for hotfix installations.
- INCA add-ons (or INCA **engineering add-ons**) which are not part of the INCA Service Pack has to be updated manually to avoid unexpected behavior. Not updated Add-ons might lead to system errors or wrong results.
- Hardware supported free is now integrated into the INCA base installation. No further additional add-on-installation required. See also section "No longer shipped with INCA V7.3" (at the bottom of these release notes)
- An overview about the the changes with the INCA V7.3 64 bit Windows Application and a complete list of Hardware that is no longer supported by INCA V7.3 is available in the following documentation:
  - INCA-V7.3-Whats-new.PDF
  - and
  - INCA-V7.3-Introduction.PDFin the folder \Documentation\WhatsNew\of the installation package (ZIP file) or after installation of the INCA Service Pack in **Program-Menu -> ETAS -> INCA 7.3 ServicePack** in the folder \WhatsNew.

### 3.11.3 Solved known issue and important hints

---

- See also INCA V7.3 Release Notes

### 3.11.4 Changed installations, major bug fixes and improvements

---

#### *Updated products, add-ons, components*

---

- INCA V7.3.5 updated with INCA V7.3.5 HF2; no other change

#### *New products, add-ons, components*

---

- NA

#### *New Features and bug fixes*

---

- NA

## 3.12 INCA V7.3 SP 5.1

---

Details on Service Pack Installation – see also `Setup_ServicePack.pdf` (root of Service Pack folder).

### 3.12.1 Content of Service Pack and recommended installation

---

- INCA V7.3.5

- INCA V7.3.5 HF1

Free general INCA Add-Ons:

- INCA AddOn eCDM V7.3.5
- INCA AddOn DriveRecorder V7.3.5
- INCA AddOn Video Tutorials V7.3.5

Licensed INCA Add-Ons

- INCA AddOn MCE V7.3.5
- INCA AddOn Vector-Hardware V7.3.5
- INCA AddOn FlexRay V7.3.5
- INCA AddOn LIN V7.3.5
- INCA AddOn QM-Basic V7.3.5
- INCA AddOn EIP V7.3.5
- INCA AddOn SIP V7.3.5
- INCA AddOn ODX V7.3.5
- INCA AddOn CAN-Transmit V7.3.5
- INCA AddOn INCA-VoiceRecorder V7.3.5
- INCA AddOn INCA-TOUCH V7.3.5

Further ETAS Products:

- MDA V8.5.5
- ETK Tools V4.2.5
- ETAS License Manager V1.8.3 and
- BOA EBI Distribution Package V2.30.0

Together the INCA Service Pack the ETAS License Manager (LiMa) is shipped.

All ETAS software products are sharing only one installation of the ETAS LiMa. Therefore each product installation installs LiMa only if there is an older or no version available on the target computer. Another ETAS software product might update LiMa to a succeeding version.

The same is valid for the BOA EBI Distribution Package.

- Setup Service Pack V2.3.2 (not installed)

Shipped with the INCA Service Pack, but manual installation required:

- INCA-MIP V7.3.5 (manual installation, see important notes above)
- MDF Shell Extension V2.0.5 (manual installation, see important notes above)

In addition required and update of HW highly recommended:

- HSP V12.5 (available on the ETAS Download Center)

### 3.12.2 Known issues and important hints

- After the installation of the INCA Service Pack a reboot of the computer system is recommended. This is also true for hotfix installations.

- INCA add-ons (or INCA **engineering add-ons**) which are not part of the INCA Service Pack has to be updated manually to avoid unexpected behavior. Not updated Add-ons might lead to system errors or wrong results.
- Hardware supported free is now integrated into the INCA base installation. No further additional add-on-installation required. See also section "No longer shipped with INCA V7.3" (at the bottom of these release notes)
- An overview about the the changes with the INCA V7.3 64 bit Windows Application and a complete list of Hardware that is no longer supported by INCA V7.3 is available in the following documentation:
  - INCA-V7.3-Whats-new.PDFand
  - INCA-V7.3-Introduction.PDFin the folder \Documentation\WhatsNew\of the installation package (ZIP file) or after installation of the INCA Service Pack in  
**Program-Menu -> ETAS -> INCA 7.3 ServicePack** in the folder \WhatsNew.

### 3.12.3 Solved known issue and important hints

---

- See also INCA V7.3 Release Notes

### 3.12.4 Changed installations, major bug fixes and improvements

---

#### *Updated products, add-ons, components*

---

- INCA V7.3.5 updated with INCA V7.3.5 HF1; no other change

#### *New products, add-ons, components*

---

- NA

#### *New Features and bug fixes*

---

- NA

## 3.13 INCA V7.3 SP 5

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Details on Service Pack Installation – see also [Setup\\_ServicePack.pdf](#) (root of Service Pack folder).

### 3.13.1 Content of Service Pack and recommended installation

---

- INCA V7.3.5

Free general INCA Add-Ons:

- INCA AddOn eCDM V7.3.5
- INCA AddOn DriveRecorder V7.3.5
- INCA AddOn Video Tutorials V7.3.5

Licensed INCA Add-Ons

- INCA AddOn MCE V7.3.5

- INCA AddOn Vector-Hardware V7.3.5
- INCA AddOn FlexRay V7.3.5
- INCA AddOn LIN V7.3.5
- INCA AddOn QM-Basic V7.3.5
- INCA AddOn EIP V7.3.5
- INCA AddOn SIP V7.3.5
- INCA AddOn ODX V7.3.5
- INCA AddOn CAN-Transmit V7.3.5
- INCA AddOn INCA-VoiceRecorder V7.3.5
- INCA AddOn INCA-TOUCH V7.3.5

Further ETAS Products:

- MDA V8.5.5
- ETK Tools V4.2.5
- ETAS License Manager V1.8.3 and
- BOA EBI Distribution Package V2.30.0

Together the INCA Service Pack the ETAS License Manager (LiMa) is shipped.

All ETAS software products are sharing only one installation of the ETAS LiMa. Therefore each product installation installs LiMa only if there is an older or no version available on the target computer. Another ETAS software product might update LiMa to a succeeding version.

The same is valid for the BOA EBI Distribution Package.

- Setup Service Pack V2.3.2 (not installed)

Shipped with the INCA Service Pack, but manual installation required:

- INCA-MIP V7.3.5 (manual installation, see important notes above)
- MDF Shell Extension V2.0.5 (manual installation, see important notes above)

In addition required and update of HW highly recommended:

- HSP V12.5 (available on the ETAS Download Center)

### 3.13.2 Known issues and important hints

---

- After the installation of the INCA Service Pack a reboot of the computer system is recommended. This is also true for hotfix installations.
- INCA add-ons (or INCA **engineering add-ons**) which are not part of the INCA Service Pack has to be updated manually to avoid unexpected behavior. Not updated Add-ons might lead to system errors or wrong results.
- Hardware supported free is now integrated into the INCA base installation. No further additional add-on-installation required. See also section "No longer shipped with INCA V7.3" (at the bottom of these release notes)
- An overview about the the changes with the INCA V7.3 64 bit Windows Application and a complete list of Hardware that is no longer supported by INCA V7.3 is available in the following documentation:
  - INCA-V7.3-Whats-new.PDF

and  
- INCA-V7.3-Introduction.PDF  
in the folder \Documentation\WhatsNew\ of the installation package (ZIP file)  
or after installation of the INCA Service Pack in  
**Program-Menu -> ETAS -> INCA 7.3 ServicePack** in the folder \WhatsNew.

### 3.13.3 Solved known issue and important hints

- See also INCA V7.3 Release Notes

### 3.13.4 Changed installations, major bug fixes and improvements

#### Updated products, add-ons, components

- All but not MDF Shell Extension V2.0.5

#### New products, add-ons, components

- NA

#### New Features and bug fixes

- NA

### 3.14 INCA V7.3 SP 4.1

---

Details on Service Pack Installation – see also [Setup\\_ServicePack.pdf](#) (root of Service Pack folder).

#### 3.14.1 Content of Service Pack and recommended installation

---

- INCA V7.3.4
- INCA V7.3.4 HF1

Free general INCA Add-Ons:

- INCA AddOn eCDM V7.3.4
- INCA AddOn DriveRecorder V7.3.4
- INCA AddOn Video Tutorials V7.3.4

Licensed INCA Add-Ons

- INCA AddOn MCE V7.3.4
- INCA AddOn Vector-Hardware V7.3.4
- INCA AddOn FlexRay V7.3.4
- INCA AddOn LIN V7.3.4
- INCA AddOn QM-Basic V7.3.4
- INCA AddOn EIP V7.3.4
- INCA AddOn SIP V7.3.4
- INCA AddOn ODX V7.3.4
- INCA AddOn CAN-Transmit V7.3.4
- INCA AddOn INCA-VoiceRecorder V7.3.4
- INCA AddOn INCA-TOUCH V7.3.4

Further ETAS Products:

- MDA V8.5.4
- ETK Tools V4.2.4 Build 131
- ETAS License Manager V1.8.2 and
- BOA EBI Distribution Package V2.29.0

Together the INCA Service Pack the ETAS License Manager (LiMa) is shipped.

All ETAS software products are sharing only one installation of the ETAS LiMa. Therefore each product installation installs LiMa only if there is an older or no version available on the target computer. Another ETAS software product might update LiMa to a succeeding version.

The same is valid for the BOA EBI Distribution Package.

- Setup Service Pack V2.3.2 (not installed)

Shipped with the INCA Service Pack, but manual installation required:

- INCA-MIP V7.3.4 (manual installation, see important notes above)
- MDF Shell Extension V2.0.5 (manual installation, see important notes above)

In addition required and update of HW highly recommended:

- HSP V12.4 (available on the ETAS Download Center)

### 3.14.2 Known issues and important hints

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- After the installation of the INCA Service Pack a reboot of the computer system is recommended. This is also true for hotfix installations.
- INCA add-ons (or INCA **engineering add-ons**) which are not part of the INCA Service Pack has to be updated manually to avoid unexpected behavior. Not updated Add-ons might lead to system errors or wrong results.
- Hardware supported free is now integrated into the INCA base installation. No further additional add-on-installation required. See also section "No longer shipped with INCA V7.3" (at the bottom of these release notes)
- An overview about the the changes with the INCA V7.3 64 bit Windows Application and a complete list of Hardware that is no longer supported by INCA V7.3 is available in the following documentation:
  - INCA-V7.3-Whats-new.PDF
  - and
  - INCA-V7.3-Introduction.PDF
 in the folder \Documentation\WhatsNew\ of the installation package (ZIP file) or after installation of the INCA Service Pack in **Program-Menu -> ETAS -> INCA 7.3 ServicePack** in the folder \WhatsNew.
- #650352 INCA Add-On VoiceRecorder: Performance issue when stopping the measurement when the INCA Add-On VoiceRecorder is in use  
 If INCA Add-On VoiceRecorder is used  
 AND  
 FlexRay - Monitoring is in the hardware configuration  
 AND  
 a measurement is recorded  
 THEN  
 with a very few experiments, the "Save File Dialog" may take a long time to open (up to approximately 5 Minutes have been reported)  
 Workaround: Either remove FlexRay - Monitoring or VoiceRecorder from the hardware configuration.  
 Affected INCA Version: INCA V7.3 SP3

### 3.14.3 Solved known issue and important hints

---

- See also INCA V7.3 Release Notes

### 3.14.4 Changed installations, major bug fixes and improvements

---

#### *Updated products, add-ons, components*

---

- INCA V7.3.4 Build 160 to INCA V7.3.4 HF1 Build 166
- ETK Tools V4.2.4 Build 129 to ETK Tools V4.2.4 Build 131

#### *New products, add-ons, components*

---

- NA

#### *New Features and bug fixes*

---

- NA

### 3.15 INCA V7.3 SP 4

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Details on Service Pack Installation – see also `Setup_ServicePack.pdf` (root of Service Pack folder).

#### 3.15.1 Content of Service Pack and recommended installation

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##### - INCA V7.3.4

Free general INCA Add-Ons:

- INCA AddOn eCDM V7.3.4
- INCA AddOn DriveRecorder V7.3.4
- INCA AddOn Video Tutorials V7.3.4

Licensed INCA Add-Ons

- INCA AddOn MCE V7.3.4
- INCA AddOn Vector-Hardware V7.3.4
- INCA AddOn FlexRay V7.3.4
- INCA AddOn LIN V7.3.4
- INCA AddOn QM-Basic V7.3.4
- INCA AddOn EIP V7.3.4
- INCA AddOn SIP V7.3.4
- INCA AddOn ODX V7.3.4
- INCA AddOn CAN-Transmit V7.3.4
- INCA AddOn INCA-VoiceRecorder V7.3.4
- INCA AddOn INCA-TOUCH V7.3.4

Further ETAS Products:

- MDA V8.5.4
  - ETK Tools V4.2.4
  - ETAS License Manager V1.8.2 and
  - BOA EBI Distribution Package V2.29.0
- Together the INCA Service Pack the ETAS License Manager (LiMa) is shipped. All ETAS software products are sharing only one installation of the ETAS LiMa. Therefore each product installation installs LiMa only if there is an older or no version available on the target computer. Another ETAS software product might update LiMa to a succeeding version.
- The same is valid for the BOA EBI Distribution Package.
- Setup Service Pack V2.3.2 (not installed)

Shipped with the INCA Service Pack, but manual installation required:

- INCA-MIP V7.3.4 (manual installation, see important notes above)
- MDF Shell Extension V2.0.5 (manual installation, see important notes above)

In addition required and update of HW highly recommended:

- HSP V12.4 (available on the ETAS Download Center)

### 3.15.2 Known issues and important hints

---

- After the installation of the INCA Service Pack a reboot of the computer system is recommended. This is also true for hotfix installations.
- INCA add-ons (or INCA **engineering add-ons**) which are not part of the INCA Service Pack has to be updated manually to avoid unexpected behavior. Not updated Add-ons might lead to system errors or wrong results.
- Hardware supported free is now integrated into the INCA base installation. No further additional add-on-installation required. See also section "No longer shipped with INCA V7.3" (at the bottom of these release notes)
- An overview about the the changes with the INCA V7.3 64 bit Windows Application and a complete list of Hardware that is no longer supported by INCA V7.3 is available in the following documentation:
  - INCA-V7.3-Whats-new.PDF
  - and
  - INCA-V7.3-Introduction.PDF
 in the folder \Documentation\WhatsNew\of the installation package (ZIP file) or after installation of the INCA Service Pack in **Program-Menu -> ETAS -> INCA 7.3 ServicePack** in the folder \WhatsNew.
- #650352 INCA Add-On VoiceRecorder: Performance issue when stopping the measurement when the INCA Add-On VoiceRecorder is in use  
 If INCA Add-On VoiceRecorder is used  
 AND  
 FlexRay - Monitoring is in the hardware configuration  
 AND  
 a measurement is recorded  
 THEN  
 with a very few experiments, the "Save File Dialog" may take a long time to open (up to approximately 5 Minutes have been reported)  
 Workaround: Either remove FlexRay - Monitoring or VoiceRecorder from the hardware configuration.  
 Affected INCA Version: INCA V7.3 SP3

### 3.15.3 Solved known issue and important hints

---

- See also INCA V7.3 Release Notes

### 3.15.4 Changed installations, major bug fixes and improvements

---

#### *Updated products, add-ons, components*

---

- All but not MDF Shell Extension V2.0.5

#### *New products, add-ons, components*

---

- NA

---

*New Features and bug fixes*

---

- NA

### 3.16 INCA V7.3 SP 3.1

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Details on Service Pack Installation – see also [Setup\\_ServicePack.pdf](#) (root of Service Pack folder).

#### 3.16.1 Content of Service Pack and recommended installation

---

- INCA V7.3.3
  - INCA V7.3.3 HF1
- Free general INCA Add-Ons:
- INCA AddOn eCDM V7.3.3
  - INCA AddOn DriveRecorder V7.3.3
  - INCA AddOn Video Tutorials V7.3.3

Licensed INCA Add-Ons

- INCA AddOn MCE V7.3.3
- INCA AddOn Vector-Hardware V7.3.3
- INCA AddOn FlexRay V7.3.3
- INCA AddOn LIN V7.3.3
- INCA AddOn QM-Basic V7.3.3
- INCA AddOn EIP V7.3.3
- INCA AddOn SIP V7.3.3 Build 104
- INCA AddOn ODX V7.3.3
- INCA AddOn CAN-Transmit V7.3.3
- INCA AddOn INCA-VoiceRecorder V7.3.3
- INCA AddOn INCA-TOUCH V7.3.3

Further ETAS Products:

- MDA V8.5.3
- ETK Tools V4.2.3
- ETAS License Manager V1.8.1 and
- BOA EBI Distribution Package V2.28.0

Together the INCA Service Pack the ETAS License Manager (LiMa) is shipped. All ETAS software products are sharing only one installation of the ETAS LiMa. Therefore each product installation installs LiMa only if there is an older or no version available on the target computer. Another ETAS software product might update LiMa to a succeeding version.

The same is valid for the BOA EBI Distribution Package.

- Setup Service Pack V2.3.2 (not installed)

Shipped with the INCA Service Pack, but manual installation required:

- INCA-MIP V7.3.3 (manual installation, see important notes above)
- MDF Shell Extension V2.0.5 (manual installation, see important notes above)

In addition required and update of HW highly recommended:

- HSP V12.3 (available on the ETAS Download Center)

### 3.16.2 Known issues and important hints

- See INCA V7.3 SP3.

### 3.16.3 Solved known issue and important hints

- See also INCA V7.3 Release Notes

### 3.16.4 Changed installations, major bug fixes and improvements

#### Updated products, add-ons, components

- INCA V7.3.3 Build 108 to INCA V7.3.3 HF1 Build 110
- INCA AddOn SIP V7.3.3 Build 101 to Build 104

#### New products, add-ons, components

- INCA AddOn Vector-Hardware V7.3.3  
Details see the corresponding INCA-Addon\_Vector-Hardware\_V7.3\_Release\_Notes.pdf

#### New Features and bug fixes

- NA

## 3.17 INCA V7.3 SP 3

Details on Service Pack Installation – see also [Setup\\_ServicePack.pdf](#) (root of Service Pack folder).

### 3.17.1 Content of Service Pack and recommended installation

- INCA V7.3.3

Free general INCA Add-Ons:

- INCA AddOn eCDM V7.3.3
- INCA AddOn DriveRecorder V7.3.3
- INCA AddOn Video Tutorials V7.3.3

Licensed INCA Add-Ons

- INCA AddOn MCE V7.3.3
- INCA AddOn Vector-Hardware V7.3.3

- INCA AddOn FlexRay V7.3.3
- INCA AddOn LIN V7.3.3
- INCA AddOn QM-Basic V7.3.3
- INCA AddOn EIP V7.3.3
- INCA AddOn SIP V7.3.3 Build 101
- INCA AddOn ODX V7.3.3
- INCA AddOn CAN-Transmit V7.3.3
- INCA AddOn INCA-VoiceRecorder V7.3.3
- INCA AddOn INCA-TOUCH V7.3.3

Further ETAS Products:

- MDA V8.5.3
- ETK Tools V4.2.3
- ETAS License Manager V1.8.1 and
- BOA EBI Distribution Package V2.28.0

Together the INCA Service Pack the ETAS License Manager (LiMa) is shipped.

All ETAS software products are sharing only one installation of the ETAS LiMa. Therefore each product installation installs LiMa only if there is an older or no version available on the target computer. Another ETAS software product might update LiMa to a succeeding version.

The same is valid for the BOA EBI Distribution Package.

- Setup Service Pack V2.3.2 (not installed)

Shipped with the INCA Service Pack, but manual installation required:

- INCA-MIP V7.3.3 (manual installation, see important notes above)
- MDF Shell Extension V2.0.5 (manual installation, see important notes above)

In addition required and update of HW highly recommended:

- HSP V12.3 (available on the ETAS Download Center)

### 3.17.2 Known issues and important hints

---

- After the installation of the INCA Service Pack a reboot of the computer system is recommended. This is also true for hotfix installations.
- INCA add-ons (or INCA **engineering add-ons**) which are not part of the INCA Service Pack has to be updated manually to avoid unexpected behavior. Not updated Add-ons might lead to system errors or wrong results.
- Hardware supported free is now integrated into the INCA base installation. No further additional add-on-installation required. See also section "No longer shipped with INCA V7.3" (at the bottom of these release notes)
- An overview about the the changes with the INCA V7.3 64 bit Windows Application and a complete list of Hardware that is no longer supported by INCA V7.3 is available in the following documentation:
  - INCA-V7.3-Whats-new.PDF
  - and
  - INCA-V7.3-Introduction.PDF

in the folder \Documentation\WhatsNew\ of the installation package (ZIP file)  
or after installation of the INCA Service Pack in

**Program-Menu -> ETAS -> INCA 7.3 ServicePack** in the folder \WhatsNew.

- #650352 INCA Add-On VoiceRecorder: Performance issue when stopping the measurement when the INCA Add-On VoiceRecorder is in use  
If INCA Add-On VoiceRecorder is used  
AND  
FlexRay - Monitoring is in the hardware configuration  
AND  
a measurement is recorded  
THEN  
with a very few experiments, the "Save File Dialog" may take a long time to open (up to approximately 5 Minutes have been reported)  
Workaround: Either remove FlexRay - Monitoring or VoiceRecorder from the hardware configuration.  
Affected INCA Version: INCA V7.3 SP3

### 3.17.3 Solved known issue and important hints

---

- See also INCA V7.3 Release Notes

### 3.17.4 Changed installations, major bug fixes and improvements

---

#### *Updated products, add-ons, components*

---

- All but not MDF Shell Extension V2.0.5

#### *New products, add-ons, components*

---

- INCA AddOn Vector-Hardware V7.3.3  
Details see the corresponding INCA-Addon\_Vector-Hardware\_V7.3\_Release\_Notes.pdf

#### *New Features and bug fixes*

---

- NA

## 3.18 INCA V7.3 SP 2

---

Details on Service Pack Installation – see also [Setup\\_ServicePack.pdf](#) (root of Service Pack folder).

### 3.18.1 Content of Service Pack and recommended installation

---

- INCA V7.3.2

Free general INCA Add-Ons:

- INCA AddOn eCDM V7.3.2
- INCA AddOn DriveRecorder V7.3.2
- INCA AddOn Video Tutorials V7.3.2

## Licensed INCA Add-Ons

- INCA AddOn MCE V7.3.2
- INCA AddOn FlexRay V7.3.2
- INCA AddOn LIN V7.3.2
- INCA AddOn QM-Basic V7.3.2
- INCA AddOn EIP V7.3.2
- INCA AddOn SIP V7.3.2
- INCA AddOn ODX V7.3.2
- INCA AddOn CAN-Transmit V7.3.2
- INCA AddOn INCA-VoiceRecorder V7.3.2
- INCA AddOn INCA-TOUCH V7.3.2

## Further ETAS Products:

- MDA V8.5.2
- ETK Tools V4.2.2
- ETAS License Manager V1.8.0 and
- BOA EBI Distribution Package V2.27.0

Together the INCA Service Pack the ETAS License Manager (LiMa) is shipped.

All ETAS software products are sharing only one installation of the ETAS LiMa. Therefore each product installation installs LiMa only if there is an older or no version available on the target computer. Another ETAS software product might update LiMa to a succeeding version.

The same is valid for the BOA EBI Distribution Package.

- Setup Service Pack V2.3.2 (not installed)

## Shipped with the INCA Service Pack, but manual installation required:

- INCA-MIP V7.3.2 (manual installation, see important notes above)
- MDF Shell Extension V2.0.5 (manual installation, see important notes above)

## In addition required and update of HW highly recommended:

- HSP V12.2 (available on the ETAS Download Center)

### 3.18.2 Known issues and important hints

---

- After the installation of the INCA Service Pack a reboot of the computer system is recommended. This is also true for hotfix installations.
- INCA add-ons (or INCA **engineering add-ons**) which are not part of the INCA Service Pack has to be updated manually to avoid unexpected behavior. Not updated Add-ons might lead to system errors or wrong results.
- Hardware supported free is now integrated into the INCA base installation. No further additional add-on-installation required. See also section "No longer shipped with INCA V7.3" (at the bottom of these release notes)
- An overview about the the changes with the INCA V7.3 64 bit Windows Application and a complete list of Hardware that is no longer supported by INCA V7.3 is available in the following documentation:

- INCA-V7.3-Whats-new.PDF  
and
  - INCA-V7.3-Introduction.PDF
- in the folder \Documentation\WhatsNew\ of the installation package (ZIP file)  
or after installation of the INCA Service Pack in  
**Program-Menu -> ETAS -> INCA 7.3 ServicePack** in the folder \WhatsNew.

### 3.18.3 Solved known issue and important hints

- See also INCA V7.3 Release Notes

### 3.18.4 Changed installations, major bug fixes and improvements

#### *Updated products, add-ons, components*

- All but not MDF Shell Extension V2.0.5

#### *New products, add-ons, components*

- NA

#### *New Features and bug fixes*

- NA

## 3.19 INCA V7.3 SP 1

Details on Service Pack Installation – see also [Setup\\_ServicePack.pdf](#)  
(root of Service Pack folder).

### 3.19.1 Content of Service Pack and recommended installation

- INCA V7.3.1

Free general INCA Add-Ons:

- INCA AddOn eCDM V7.3.1
- INCA AddOn DriveRecorder V7.3.1
- INCA AddOn Video Tutorials V7.3.1

Licensed INCA Add-Ons

- INCA AddOn MCE V7.3.1
- INCA AddOn FlexRay V7.3.1
- INCA AddOn LIN V7.3.1
- INCA AddOn QM-Basic V7.3.1
- INCA AddOn EIP V7.3.1
- INCA AddOn SIP V7.3.1
- INCA AddOn ODX V7.3.1
- INCA AddOn CAN-Transmit V7.3.1

- INCA AddOn INCA-VoiceRecorder V7.3.1
- INCA AddOn INCA-TOUCH V7.3.1

Further ETAS Products:

- MDA V8.5.1
  - ETK Tools V4.2.1
  - ETAS License Manager V1.7.5 and
  - BOA EBI Distribution Package V2.26.0
- Together the INCA Service Pack the ETAS License Manager (LiMa) is shipped.  
All ETAS software products are sharing only one installation of the ETAS LiMa. Therefore each product installation installs LiMa only if there is an older or no version available on the target computer. Another ETAS software product might update LiMa to a succeeding version.  
The same is valid for the BOA EBI Distribution Package.
- Setup Service Pack V2.3.1 (not installed)

Shipped with the INCA Service Pack, but manual installation required:

- INCA-MIP V7.3.1 (manual installation, see important notes above)
- MDF Shell Extension V2.0.5 (manual installation, see important notes above)

In addition required and update of HW highly recommended:

- HSP V12.1 (available on the ETAS Download Center)

### 3.19.2 Known issues and important hints

---

- After the installation of the INCA Service Pack a reboot of the computer system is required. This is also true for hotfix installations.
- INCA add-ons (or INCA **engineering add-ons**) which are not part of the INCA Service Pack has to be updated manually to avoid unexpected behavior. Not updated Add-ons might lead to system errors or wrong results.
- Hardware supported free is now integrated into the INCA base installation. No further additional add-on-installation required. See also section "No longer shipped with INCA V7.3" (at the bottom of these release notes).
- An overview about the the changes with the INCA V7.3 64 bit Windows Application and a complete list of Hardware that is no longer supported by INCA V7.3 is available in the following documentation:
  - INCA-V7.3-Whats-new.PDF
  - and
  - INCA-V7.3-Introduction.PDFin the folder \Documentation\WhatsNew\of the installation package (ZIP file) or after installation of the INCA Service Pack in  
**Program-Menu -> ETAS -> INCA 7.3 ServicePack** in the folder \WhatsNew.

### 3.19.3 Solved known issue and important hints

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- See also INCA V7.3 Release Notes
- See also INCA V7.3 SP0 below.

- INCA AddOn ODX is not part of INCA V7.3 SP0.
- J2534 support is not part of INCA V7.3 SP0

### 3.19.4 Changed installations, major bug fixes and improvements

#### *Updated products, add-ons, components*

- All but not MDF Shell Extension V2.0.5

#### *New products, add-ons, components*

- INCA AddOn ODX V7.3.1

#### *New Features and bug fixes*

- Some minor bug fixes and improvements of the Service Pack Installer

## 3.20 INCA V7.3 SP 0

Details on Service Pack Installation – see also [Setup\\_ServicePack.pdf](#) (root of Service Pack folder).

### 3.20.1 Content of Service Pack and recommended installation

- INCA V7.3.0

Free general INCA Add-Ons:

- INCA AddOn eCDM V7.3.0
- INCA AddOn DriveRecorder V7.3.0
- INCA AddOn Video Tutorials V7.3.0

Licensed INCA Add-Ons

- INCA AddOn MCE V7.3.0
- INCA AddOn FlexRay V7.3.0
- INCA AddOn LIN V7.3.0
- INCA AddOn QM-Basic V7.3.0
- INCA AddOn EIP V7.3.0
- INCA AddOn SIP V7.3.0
- INCA AddOn CAN-Transmit V7.3.0
- INCA AddOn INCA-VoiceRecorder V7.3.0
- INCA AddOn INCA-TOUCH V7.3.0

Further ETAS Products:

- MDA V8.4.1
- ETK Tools V4.2.0
- ETAS License Manager V1.7.4 and

- BOA EBI Distribution Package V2.25.0  
Together the INCA Service Pack the ETAS License Manager (LiMa) is shipped.  
All ETAS software products are sharing only one installation of the ETAS LiMa. Therefore each product installation installs LiMa only if there is an older or no version available on the target computer. Another ETAS software product might update LiMa to a succeeding version.  
The same is valid for the BOA EBI Distribution Package.
- Setup Service Pack V2.3.0 (not installed)

Shipped with the INCA Service Pack, but manual installation required:

- INCA-MIP V7.3.0 (manual installation, see important notes above)
- MDF Shell Extension V2.0.5 (manual installation, see important notes above)

In addition required and update of HW highly recommended:

- HSP V12.0 (available on the ETAS Download Center)

### 3.20.2 Known issues and important hints

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- After the installation of the INCA Service Pack a reboot of the computer system is required. This is also true for hotfix installations.
- INCA Add-ons (or INCA **engineering Add-ons**) which are not part of the INCA Service Pack has to be updated manually to avoid unexpected behavior. Not updated Add-ons might lead to system errors or wrong results.
- INCA AddOn ODX is not part of INCA V7.3 SP0 but it is planned for upcoming INCA V7.3 Service Packs.
- J2534 support is not part of INCA V7.3 SP0 but it is planned for upcoming INCA V7.3 Service Packs.
- Hardware supported free is now integrated into the INCA base installation. No further additional add-on-installation required. See also section "No longer shipped with INCA V7.3".
- An overview about the the changes with the INCA V7.3 64 bit Windows Application and a complete list of Hardware that is no longer supported by INCA V7.3 is available in the following documentation:
  - INCA-V7.3-Whats-new.PDF
  - and
  - INCA-V7.3-Introduction.PDFin the folder \Documentation\WhatsNew\of the installation package (ZIP file) or after installation of the INCA Service Pack in **Program-Menu -> ETAS -> INCA 7.3 ServicePack** in the folder \WhatsNew.

### 3.20.3 Solved known issue and important hints

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- See also INCA V7.3 Release Notes

### 3.20.4 Changed installations, major bug fixes and improvements

#### Updated products, add-ons, components

- All but not MDF Shell Extension V2.0.5

#### New products, add-ons, components

- NA

#### No longer shipped with INCA V7.3

MDA V7.2 is no longer shipped with the INCA V7.3 Service Packs but the successor MDA V8.

The following INCA add-ons are no longer shipped separately with the INCA V7.3 Service Pack. The corresponding hardware is now integrated into the INCA V7.3 installation:

- INCA AddOn Daisy-Chain ES4xx
- INCA AddOn Daisy-Chain ES6xx
- INCA AddOn Daisy-Chain ES93x
- INCA AddOn ES5xx
- INCA AddOn ES9xx
- INCA AddOn 3rd Party Hardware

Support of INCA AddOn KID is discontinued with INCA V7.3

#### New Features and bug fixes

- Support of 64bit ETAS product installations

## 4 **Contact, Support and Problem Reporting**

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For details of your local sales office as well as your local technical support team and product hotlines, take a look at the ETAS website:

ETAS subsidiaries	WWW:	<a href="http://www.etas.com/en/contact.php">www.etas.com/en/contact.php</a>
ETAS technical support	WWW:	<a href="http://www.etas.com/en/hotlines.php">www.etas.com/en/hotlines.php</a>