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## LBCAR-FWP V11.14.0

### Release Notes

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## 1 Introduction

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### 1.1 Definitions and Abbreviations

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Term/Abbreviation	Definition
EHI	ETAS Help Desk International
HSP	Hardware Service Pack
HSP-UT	HSP-Update Tool
HW	Hardware
KIR	Known Issue Report – 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>
SW	Software

## 2 Product Definition

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### 2.1 Functions at a glance

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The **Hardware Service Pack** is a product for the firmware management on the ETAS hardware.

This product consists of two components.

- HSP Update Tool
- Service Pack
  - LABCAR Hardware (LABCAR-FWP)
  - MCD Hardware (SP)

The HSP Update Tool is the user Interface for the firmware update process. This tool enables an easy update of the firmware in the ETAS hardware and gives clear information on the current versions of the firmware contained in the hardware. The Service Pack contains the actual firmware, i.e. the files that will be downloaded to the hardware.

These release notes are valid for the HSP LABCAR Firmware Pack. The content of this release notes can also be launched for each installed HSP version in the HSP Update Tool after selecting the required LABCAR firmware Pack.

### 2.2 General Description

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#### 2.2.1 System Prerequisites

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The following minimum system prerequisites have to be met:

HSP V11.14.0 has to be installed. See the HSP-UT release notes or Getting Started for information about the HSP installation.

### 3 Changes

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This chapter describes changes with respect to the previous HSP versions and lists the current known issues.

#### 3.1 Configuration Information

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Configuration	Version	Release Date
LABCAR-FWP	V11.14.0	2019-09-24

#### 3.2 Released Features

##### 3.2.1 New or Enhanced Functions

With this release the following functionality has been added. This list also shows features of existing previous refreshes of this HSP major version.

Description	Products	Released With
Support of SENT V4 Fast Message Multiplex (ID: 616634)	ES5321.1	LABCAR-FWP V11.14.0
Raising edge of I_DIG_OUT is based on IT4 instead of VT1 (ID: 619578)	ES4458.1, ES5458.1	LABCAR-FWP V11.14.0
Update of ES5457 NCC model default values (ID: 619579)	ES5457.1	LABCAR-FWP V11.14.0
New firmware V4.16.2	EB5200/PCIe	LABCAR-FWP V11.14.0

##### 3.2.2 Corrected Errors

The following table contains all errors that have been corrected in this and previous refresh releases.

Call ID	Description	Products	Released With
620962	Relay States undefined	ES4435.1	LABCAR-FWP V11.14.0

##### 3.2.3 Known Issues

The following table contains known problems open for this release.

Call ID	Description	Products
-	-	-

## 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>