
HSP-SP V11.14.0

Release Notes

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1 Introduction

1.1 Definitions and Abbreviations

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: http://www.etas.com/kir
SW	Software

2 Product Definition

2.1 Functions at a glance

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 MCD Hardware Service Pack.

The content of this release notes, i.e. Chapter 3, can also be launched from the HSP Update Tool for each installed Service Pack version.

2.2 General Description

2.2.1 System Prerequisites

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

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

3.1 Configuration Information

Configuration	Version	Release Date
HSP	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 new XETK: XETK-S16.0A ECU interface for the Cypress Traveo / Traveo II microcontroller family (including gap pad)	XETK-S16.0A	HSP V11.14.0
Support of new feature "Enhanced Coldstart for Distab17".	XETK-S22.0B, XETK-S22.0D, FETK-T3.0A	HSP V11.14.0
SWD Performance Improvement	BR_XETK-S4.0A	HSP V11.14.0
Support of TimeSynchronization using PTP according to IEEE1588	BR_XETK-S4.0A	HSP V11.14.0
Support of SBB V2.1 for RapidPrototyping	BR_XETK-S4.0A	HSP V11.14.0
Support of INCA Measurement and Calibration Embedded (INCA-MCE)	BR_XETK-S4.0A	HSP V11.14.0
Support of Cold Start Measurement	BR_XETK-S4.0A	HSP V11.14.0
Support of XCP SW Debugging API	BR_XETK-S4.0A	HSP V11.14.0
Support of standard XCP Debugging	FETK-S1.0A, FETK-S1.1A, FETK-T1.0A, FETK-T1.1A, FETK-T1.1B, FETK-S1.1B	HSP V11.14.0
Support of 64 bit applications using the ETAS Bus Interfaces API. Please install the USB driver contained in this HSP version.	ES582.1, ES584.1	HSP 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
619011	Update to ensure the ECU handshake is not missed in specific configurations when using the Lauterbach T32 in multi-core mode.	XETK-S22.0B, XETK-S22.0D, FETK-T3.0A	HSP V11.14.0
619819	XETK-S22 updated to ensure standby voltage is applied as configured	XETK-S22.0B, XETK-S22.0D	HSP V11.14.0
620783	Updated XETK-S22.0D FW to reduce coldstart timing with trace data acquisition.	XETK-S22.0D	HSP V11.14.0
617705	Updated FETK-T3 HDC to reduce data overflow when the Lauterbach debugger is used.	FETK-T3.0A	HSP V11.14.0
620254	FETK-T3 configuration feature "StandbyPwrDownMode" is changed to "StandbyPowerDownMode" to be consistent with XETK-S22.	FETK-T3.0A	HSP V11.14.0
620289	Time Correlation Properties: Epoch of grandmaster's clock reported wrong	BR_XETK-S3.0A	HSP V11.14.0
611515	Configuration: 5us trigger polling period could result in an inaccessible XETK	XETK-S20.0B, XETK-S20.1B, XETK-S30.0C, BR_XETK-S1.0A, BR_XETK-S3.0A	HSP V11.14.0
618275	Standby Current optimized	BR_XETK-S1.0A, BR_XETK-S3.0A, BR_XETK-S4.0A	HSP V11.14.0
620499	16bit access not correctly executed	BR_XETK-S4.0A	HSP V11.14.0
618708	CLOCK_INFO reports wrong time stamp unit for XCP slave clock	BR_XETK-S3.0A	HSP V11.14.0
619762	Infrequent wrong order of XCP counter between DTO and CTO response	XETK-S20.0B, XETK-S20.1B, XETK-S30.0C, BR_XETK-S1.0A, BR_XETK-S3.0A, BR_XETK-S4.0A	HSP V11.14.0
614458	Solved problem with Error LED ON, although no failure exists. Update to this firmware version is strongly recommended.	ES581.4	HSP 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

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:	www.etas.com/en/contact.php
ETAS technical support	WWW:	www.etas.com/en/hotlines.php