
HSP-SP V11.12.0

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 V11.12.0 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	V11.12.0	2019-03-26

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
Preparation of performance improvements on DAP interface	FETK-S1.0A, FETK-S1.1A, FETK-S1.1B	HSP V11.12.0
Improvements for DAP access on block read	XETK-S20.0B, XETK-S20.1B, XETK-S30.0C, BR_XETK-S1.0A	HSP V11.12.0
Support for DAQ packed mode (dynamic DAQ lists)	BR_XETK-S3.0A	HSP V11.12.0
INCA-MCE is now supporting COMPU_VTAB_RANGE for COMPU_METHODS References (Call# 605079)	AS951, ES910.3	HSP V11.12.0
No support of ES520 devices as of this HSP version. Please use older version of HSP-UT if update would be necessary.	ES520.2, ES520.3	HSP V11.12.0
Support of Time Synchronization using IEEE1588 via Gigabit Ethernet. The ES600.2 synchronize devices using the ETAS Time synchronization with the ES8xx devices when the ES600.2 is connected to a ES8xx device via the Gigabit Ethernet Host.	ES600.2	HSP V11.12.0

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
606644	ECU (Bernina) stall after power up	FETK-S2.0A, FETK-S2.1A	HSP V11.12.0
606650	Incorrect timestamps for fast raster in MDF file / huge jumps in timestamps for fast raster	FETK-T1.1A, FETK-T1.1B, FETK-S1.1B	HSP V11.12.0
604175	High DAQ jitter	FETK-S1.0A, FETK-S1.1A, FETK-T1.0A, FETK-T1.1A, FETK-T1.1B, FETK-S1.1B	HSP V11.12.0

603293	Higher current consumption	FETK-T1.0A, FETK-T1.1A, FETK-T1.1B	HSP V11.12.0
602235	Measurement Overflow in case of heavy network load	BR_XETK-S3.0A	HSP V11.12.0
607283	Measurement of dummy data in case of DAP errors	XETK-S20.0B, XETK-S20.1B, XETK-S30.0C, BR_XETK-S1.0A	HSP V11.12.0
594719	ECC error when getting full size of ROM checksum	XETK-S22.0B, XETK-S22.0D	HSP V11.12.0
589355	Some signals from the same controller are significantly time shifted	AS_XETK-S13.0	HSP V11.12.0
575402	MCE: Cyclic delay(~20ms) by transmitting DAQ lists on iLink (each 10 sec)	AS951, ES910.3	HSP V11.12.0
602490	When installing ES581 drivers EULA cannot be accepted	ES581.4	HSP V11.12.0
606982	Flash Operation Prof with ES581.4/MDG1 is interrupted at 'Erasing CB area'	ES581.4	HSP V11.12.0
604123	ES582.1 when connected to CAN, customer's application can no longer open native windows i.e. file open dialog (Solution requires installatin of USB driver in this HSP version)	ES582.1, ES584.1	HSP V11.12.0
598095	Not able to run UDS measuring in some CAN FD configurations	ES582.1, ES584.1	HSP V11.12.0
591392	No retransmission of CAN message even after a receiver is connected in the bus	ES581.4	HSP V11.12.0
604261	No reconnection possible after ECU is off for more than 10 min	ES523.1	HSP V11.12.0

3.2.3 Known Issues

The following table contains known problems open for this release.

Call ID	Description	Products
603195	The ES8xx modules do not support UDS messages with up to 64kB yet. The ES8xx are planned to be adapted for this use in Q1 2019. The ETAS hardware modules with CAN FD capabilities, i.e. ES582.1, ES584.1, ES523 and ES922.1 are supporting long UDS messages.	ES891.1, ES892.1, ES882.1, ES886.1
597666	When using ETAS DaisyChain modules, e.g. ES415, ES420, ES930 with ES89x and ES88x modules loss of measurement data is possible. Please contact ETAS support for more details.	ES891.1, ES892.1, ES882.1, ES886.1

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