
RTA-OS SemiDrive9-R5-IAR

Release Note - Version 2.0.0 (17-05-2022)

Copyright

The data in this document may not be altered or amended without special notification from ETAS GmbH. ETAS GmbH undertakes no further obligation in relation to this document. The software described in it can only be used if the customer is in possession of a general license agreement or single license. Using and copying is only allowed in concurrence with the specifications stipulated in the contract. Under no circumstances may any part of this document be copied, reproduced, transmitted, stored in a retrieval system or translated into another language without the express written permission of ETAS GmbH.

©Copyright 2008-2022 ETAS GmbH, Stuttgart.

The names and designations used in this document are trademarks or brands belonging to the respective owners.

Document: 10961-RN-2.0.0 EN-05-2022(17-05-2022)

Safety Notice

This ETAS product fulfills standard quality management requirements. If requirements of specific safety standards (e.g. IEC 61508, ISO 26262) need to be fulfilled, these requirements must be explicitly defined and ordered by the customer. Before use of the product, customer must verify the compliance with specific safety standards.

Contents

1	Introduction	5
1.1	Version Information	5
1.2	Installation	5
2	Open EHI Calls	6
3	Change History	7
3.1	Version 2.0.0	7
3.2	Version 1.99.0 (Preview Release)	7
4	Fixed EHI Calls	8
5	Limitations	9
5.1	Installer	9
5.2	SemiDrive9-R5-IAR DLL	9
6	Contacting ETAS	10
6.1	Technical Support	10
6.2	General Enquiries	10
6.2.1	ETAS Global Headquarters	10
6.2.2	ETAS Local Sales & Support Offices	10

1 Introduction

RTA-OS is an AUTOSAR compliant Operating System and associated tooling. This document provides release information for the RTA-OS SemiDrive9-R5-IAR port plug-in that customizes the RTA-OS development tools for the SemiDrive G9 and V9 Series ARM Cortex-R5F with the IAR compiler. It supplements the more general information you can find in the *Release Note*.

1.1 Version Information

This is Version 2.0.0 of the RTA-OS SemiDrive9-R5-IAR plug-in.

1.2 Installation

The installation process is covered in detail in the *SemiDrive9-R5-IAR Port Guide*.

2 **Open EHI Calls**

Open issues are referred to by their call number in the ETAS Helpdesk International (EHI) system.

No EHI calls are open.

3 Change History

3.1 Version 2.0.0

Additional Features

The following features have been added to this release:

- First fully functional release.
- Support for the G9 Series Secure Processor Cortex-R5F Dual-Core Lock-Step Cores.
- Support for the V9 Series Secure Processor Cortex-R5F Dual-Core Lock-Step Cores.

Modified Features

No features have been modified in this release.

Removed Features

No features have been removed from this release.

3.2 Version 1.99.0 (Preview Release)

Additional Features

The following features have been added to this release:

- Initial preview release.
- Support for IAR Systems, Compiler v9.20.2.
- Support for the G9 Series Safety Processor Cortex-R5F Dual-Core Lock-Step Cores.
- Support for the V9 Series Safety Processor Cortex-R5F Dual-Core Lock-Step Cores.
- BCC task support, Category 1 and 2 interrupts only.
- SC1 Autosar conformance only.

Modified Features

No features have been modified in this release.

Removed Features

No features have been removed from this release.

4 Fixed EHI Calls

Bugs that have been fixed are referred to by their call number in the ETAS Helpdesk International (EHI) system.

No EHI calls have been fixed in this release.

5 Limitations

5.1 Installer

There are the following limitations for the installer:

Limitation	None.
Workaround	None.

5.2 SemiDrive9-R5-IAR DLL

There are the following limitations for this tool:

Limitation	None.
Workaround	None.

6 Contacting ETAS

6.1 Technical Support

Technical support is available to all users with a valid support contract. If you do not have a valid support contract, please contact your regional sales office (see below).

The best way to get technical support is by email. Any problems or questions about the use of the product should be sent to:

rta.hotline@etas.com

If you prefer to discuss your problem with the technical support team, you call the support hotline on:

+44 (0)1904 562624.

The hotline is available during normal office hours (0900-1730 GMT/BST).

In either case, it is helpful if you can provide technical support with the following information:

- Your support contract number
- The version of the ETAS tools you are using
- The version of the compiler tool chain you are using
- The command line (or reproduction of steps) that result in an error message
- The error messages or return codes you received (if any)
- Your .xml, .arxml and .rtaos files
- The file Diagnostic.dmp if it was generated

6.2 General Enquiries

6.2.1 ETAS Global Headquarters

ETAS GmbH

Borsigstrasse 24
70469 Stuttgart
Germany

Phone: +49 711 3423-0
Fax: +49 711 3423-2106
WWW: www.etas.com

6.2.2 ETAS Local Sales & Support Offices

Contact details for your local sales office and local technical support team (where available) can be found on the ETAS web site:

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