

Release Notes

ASCET V6.1.5 Hotfix 2

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1. Introduction

DISCLAIMER:

This file contains important information. We strongly recommend that you read the entire document. For additional important information read the corresponding readme documents and ASCET documentation. We welcome your comments and suggestions.

This hotfix supports the efficient usage of ASCET. It contains the most current bug fixes for ASCET.

The functionality of the bug fixes has been thoroughly tested. However, this hotfix has not been subject to the complete release tests of ASCET. ETAS GmbH accepts no further obligation in relation to this hotfix.

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Privacy Disclaimer

Please note that personal data is processed when using this product. As the controller, the purchaser undertakes to ensure the legal conformity of these processing activities in accordance with Art. 4 No. 7 of the General Data Protection Regulation (GDPR). As the manufacturer, ETAS GmbH is not liable for any mishandling of this data.

Data categories

Please note that this product creates files containing file names and file paths, e.g. for purposes of error analysis, ensuring correct deinstallation, referencing source libraries, or for communicating with third party programs. The same file names and file paths may contain personal data, if they refer to the current user's personal directory or subdirectories (e.g., C:\Users\UserId\Documents\...).

If you do not want personal information to be included in the generated files, please make sure that

- the workspace of the product points to a directory without personal reference.
 - all settings in the product (see menu "Window -> Preferences" in the product) refer to directories and file names without personal reference.
 - all project settings in the product (see menu "Project -> Properties") refer to directories and file names without personal reference.
 - Windows environment variables (such as the temporary directory) refer to directories without personal reference because these environment variables are used by the product.
- In this case, please also make sure that the users of this product have read and write access to the newly set directories.

When using the ETAS License Manager in combination with user-based licenses, particularly the following personal data and/or data categories that can be traced back to a specific individual is recorded for the purpose of license management:

- User data: UserID
- Communication data: IP address

As an option, the following personal data and/or data categories that can be traced back to a specific individual in particular may be recorded for the purpose of assisting development:

- Problem Report, see below

When using the ASCET add-on ASCET-DIFF, particularly the following personal data and or data categories that can be traced back to a specific individual is recorded for the purposes of user-specific settings and user-specific logfiles:

- User data: UserID

Technical and organizational measures

- This product does not itself encrypt the personal data or data that can be traced back to a specific individual that it records. Please ensure that the data recorded is secured

- by means of suitable technical or organizational measures in your IT system, e.g. by using classic anti-theft and access protection.
- Personal data or data that can be traced back to a specific individual in generated files can be deleted by tools in the operating system.

Description of Problem Report

Purpose: When an error occurs, ASCET offers to send an error report to ETAS for troubleshooting. ETAS uses the personal information to have a contact person in case of system errors.

Personal Data: The problem report may contain the following personal or person-related data or data category:

- User data: Name and address entered during the installation process
UserID
- Communication data: IP address

Additionally to the problem information that is entered by the user itself, ASCET collects the available product related log files in a zip archive to support the bug fixing process at ETAS. The zip file is named by using the following pattern "EtasLogFiles<index number>.zip" and stored in the ETAS specific log files directory.

This automatically created zip file contains:

- Product related log files created at installation time. (Necessary for uninstall action)
- ETAS log files stored in the ETAS log files directory matching the file name pattern "*.log"
- Recursive registry export of ETAS (32bit)-key (and sub keys):
HKEY_CURRENT_USER\Software\ETAS
- Registry export of ETAS (32bit)-key (and sub keys):
HKEY_LOCAL_MACHINE\Software\ETAS

All ETAS related log files in the ETAS specific log files directory and the zip archives created by the Problem Report feature can be removed after closing all ETAS applications if they are no longer needed.

For further information see Support Function in Case of System Errors.

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1.1. Definitions and Abbreviations

Term/Abbreviation	Definition
EHl	ETAS Help Desk International
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
PR	Problem Report
SW	Software
WB	Walkback – ASCET System Error

1.2. References

ASCET Known Issue Report (KIR) <http://www.etas.com/kir>

1.3. User Documentation

The ASCET V6.1 user's documentation and the ASCET V6.1.5 Release Notes in PDF format can be found on the DVD.

2. Fixed Problems

This section describes the set of fixed problems of the released version of ASCET V6.1.5.

Problem Number	Title
PR764626	<p>High memory consumption when exporting many AMD files</p> <p>For exporting an AMD file in ASCET, the complete component needs to be loaded from the database to become serialized. This causes a storage of the complete component in the database cache.</p> <p>When exporting a lot of components, they all will reside in the database cache leading to a very high memory consumption of ASCET.</p>
PR769247	<p>Requirement: Option to deactivate "displaying of missing lines"</p> <p>With ASCET V6.1.5, the displaying of missing lines in red color was introduced. It shall be possible to deactivate the functionality (default: activated).</p>
PR773512	<p>Requirement: Unwanted error message: "graphical pin for alias not found"</p> <p>With ASCET V6.1.5, the code generation has been improved by considering more components as candidates to regenerate code. This may lead to an increased occurrence of the following error message in inconsistent graphical models:</p> <pre>ERROR():<class instance>::<class component> - graphical pin for alias not found <argument>::<type> in method <method>(...)</pre> <p>In some circumstances this error message is not wanted by the user.</p> <p>Solution: A new customer internal option "Ignore Pin Alias Check" is introduced to suppress this error message. (Default: Not suppressed)</p>

2.1. Predecessor Hotfixes

Problems fixed with the predecessor hotfixes of V6.1.5 are included in this hotfix.

2.1.1. ASCET V6.1.5 Hotfix 1

Problem Number	Title
PR737609	System Error when generating code for do-while loop ASCET runs into a system error WHEN code is generated for a model with a switch case statement or a state machine AND that model contains a do-while loop A walkback occurs: <code>receiver must be a boolean (2688590067)</code>
PR744526	System error when performing code generation for a graphical component ASCET runs into a system error WHEN ASCET V6.1.4 Hotfix 20 is used AND the internal option "CheckLogicModelConsistencyDuringCGen" has been activated AND code generation is performed for a component that uses graphical specification AND any sort of write protection is enabled on this component AND this component uses a further component that has a changed interface A walkback occurs: <code>SGLogicSequence does not understand interface [#1756853623]</code>
PR752275	Visual Studio error during build process if Tool API used Visual Studio reports an error during the build process WHEN Visual Studio 2008 projects are reused AND the projects have been created for the use with ASCET V6.1.4 AND the projects have a reference to the ASCET Tool API The Etas.AscetNet.dll has been built with Visual Studio 2019. That results in the build error.
PR759460	Additional delivery of solution for PR714115: Unwanted limitation by code optimization Due to special installation conditions the solution for PR714115 has been delivered as a patch in the delivery of ASET V6.1.5. To ensure a consistent collection of installed bugfixes this patch is part of this Hotfix delivery as well.
PR762486	Application crash when reading "infinity" in min-/max-values via API Accessing the min and max values of an element implementation by using the Tool-API causes an application crash of the client application if the implementation values are +/- infinity.

PR764750

Error when internal option enabled: Logic Model Missing

ASCET wrongly reports a code generation error

WHEN enabling the ETAS Internal Option: "Check logic models" (not possible in standard shipment of ASCET)

AND generating code for a component using a graphical specification

AND this component has no method specified

ASCET may report the error: (ELm20124004736): logic model missing.

3. Known Issue Reports

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>

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.etas.com/en/contact.php

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