



Elektrobit

# EB tresos<sup>®</sup> AutoCore Generic 8 Com Services documentation

release notes update for the Mirror module

product release 8.7.1



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# 1. Overview

This document provides you with the release notes to accompany an update to the `Mirror` module. Refer to the changelog [Section 2.1, “Change log”](#) for details of changes made for this update.

## 2. Mirror module release notes

- ▶ Module version: 1.0.7.B276533
- ▶ Supplier: Elektrobit Automotive GmbH

### 2.1. Change log

This chapter lists the changes between different versions.

#### Module version 1.0.7

2019-11-28

- ▶ Implemented call out function. Added a call out function in case a received frame can't be inserted in the intermediate buffer for each network type.

#### Module version 1.0.6

2019-10-11

- ▶ ASCMIRROR-25 Fixed known issue: The initialization of the Mirror module might enter an infinite loop.
- ▶ ASCMIRROR-28 Fixed known issue: The Mirror module might activate a queue buffer using the time stamp of an already copied frame.
- ▶ ASCMIRROR-30 Introduced new limitation: Limitation regarding multiple controllers of the same type pre-empting each other.

#### Module version 1.0.5

2019-09-06

- ▶ ASCMIRROR-24 Fixed known issue: Compilation error due to mismatching memory sections.

#### Module version 1.0.4

2019-06-14

- ▶ ASCMIRROR-18 Fixed known issue: Mirror module reports the same error twice to the DET.
- ▶ ASCMIRROR-19 Fixed known issue: Mirror module stores less frames than full capacity.

## Module version 1.0.3

2019-05-17

- ▶ Internal module improvement. This module version update does not affect module functionality.

## Module version 1.0.2

2019-04-18

- ▶ ASCMIRROR-12 Fixed known issue: Rte\_Mirror\_Type.h has the wrong name and causes compile error.

## Module version 1.0.1

2019-03-22

- ▶ Internal module improvement. This module version update does not affect module functionality.

## Module version 1.0.0

2019-02-15

- ▶ Initial release

## 2.2. New features

- ▶ The module has the ability to have call out function in case a received frame can't be inserted in the intermediate buffer for each network type.

## 2.3. EB-specific enhancements

This module is not part of the AUTOSAR specification.

## 2.4. Deviations

This module is not part of the AUTOSAR specification.

## 2.5. Limitations

This chapter lists the limitations of the module. Refer to the module references chapter *Integration notes*, subsection *Integration requirements* for requirements on integrating this module.

- ▶ Limitation on the initialization sequence of the modules

Description:

In order to ensure functional consistency, the modules CanIf, LinIf and PduR must be initialized before the Mirror module.

- ▶ Limitation on multicore usage

Description:

In order to use the Mirror module in a multicore system, each type of network controllers must be mapped on the same core. e.g (all CAN controllers to be configured on the same core).

- ▶ Limitation on controllers interrupt priority

Description:

The Mirror module doesn't support interrupts with different priorities from the same controller type. e.g (all CAN controllers interrupts must have the same priority).

## 2.6. Open-source software

Mirror does not use open-source software.