Document Title	SRS_E2E: Complete Change Documentation 4.3.0 - 4.3.1
Document Owner	AUTOSAR
Document Responsibility	AUTOSAR
Document Identification No	695

Document Status	Final
Part of AUTOSAR Standard	Classic Platform
Part of Standard Release	4.3.1

Table of Contents

1 SRS_E2E

1.1 Specification Item SRS_E2E_08535

Trace References:

RS_BRF_01056, RS_BRF_02104

Content:

Type:	
Description:	E2E library should provide to the application layer the last received data element.
Rationale:	Provision of means to design different error reaction strategies based upon the type of detected failure
Applies to:	
Use Case:	–
Supporting Material:	–

RfCs affecting this spec item between releases 4.3.0 and 4.3.1:

- RfC #75285: SRS_E2E_08535 requires E2E library to provide last received data element.

  Problem description:

  SRS_E2E_08535 seems severely broken.

  "E2E library should provide the last received data element".

  First, E2E library does not work on data elements. It does not see them, and it does not provide them.
  Second, E2E library does not maintain a state, the configuration and state data structures are managed by the calling entities. E.g. an E2E protection wrapper, or an E2E transformer. The E2E library therefore cannot store data elements or messages or any data to be provided later to any application.
  Also, it was already discussed and concluded that neither E2EPW nor E2EXf should provide additional buffering of data elements / messages. Therefore, this requirement will never be satisfied by any of AUTOSARs E2E components (at least not directly).

  Background: while checking the traceability of SWS_E2ELibrary, requirement SRS_E2E_08535 was identified as currently not traced.

  Agreed solution:

  remove SRS_E2E_08535

Document ID 695: ChangeDocumentation

BW-C-Level:

Application	Specification	Bus
1	1	1