

<b>Document Title</b>	PRS_E2EProtocol: Complete Change Documentation 1.5.0 - 1.5.1
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# 1 PRS\_E2EProtocol

## 1.1 Specification Item PRS\_E2E\_UC\_00466

### Trace References:

RS\_E2E\_08528

### Content:

In case of inter-ECU communication over FlexRay, CAN, CAN FD, Ethernet suggested max. data length can be adopted (extended or reduced) if it can be justified by an analysis of a particular use case or network architecture.

### CRs affecting this spec item between releases 1.5.0 and 1.5.1:

- CR AR-86162: [E2E] change supported message length for E2E P2

#### Problem description:

change supported message length for E2E P2

#### Agreed solution:

change Table 9.1: E2E maximum data length:

change column heading "Max applicable length including control fields for inter-ECU communication" to "Suggested maximum applicable length including control fields for inter-ECU communication".

[PRS\_E2E\_UC\_00051] -In case of inter-ECU communication over FlexRay, the length of the complete Data (including application data, CRC and counter) protected by E2E Profile 1 should not exceed {color:# ff0000}32 {color}bytes.- don't change

[PRS\_E2E\_UC\_000xx] -In case of inter-ECU communication over FlexRay, the length of the complete Data (including application data, CRC and counter) protected by E2E Profile 2 should not exceed {color:# ff0000}64 {color}bytes.- In case of inter-ECU communication over FlexRay, CAN, CAN FD, Ethernet suggested max. data length can be adopted (extended or reduced) if it can be justified by an analysis of a particular use case or network architecture.

additionally, put a general hint for analysis upfront table with numbers for supported data lengths:

"All length values stated in this section are based on assumptions on suitable hamming distances for specific scenarios, without explicitly listing those as-

sumptions. As such, actual suitable values may differ based on the use case scenarios."

**BW-C-Level:**

Application	Specification	Bus
1	1	1