



## Trigger Segment Conflicts

### PROBLEM DESCRIPTION

The trigger segment definition in the A2L-file may differ from the current trigger segment in the ETK memory. If this is the case, the triggering ETK-bypass and the measurement will not work and no signals are received from the RCU.

### CAUSE

The trigger segment can vary from between 64 to 128 bytes. Information on the trigger segment is contained in the A2L-file. For example:

```
/* TRG_CFG */ 0x01020100
```

This string is part of the section IF\_DATA ETK. The section comprises four parts each of which contains 1 byte.

1 <sup>st</sup> Byte:	0x01	Version 01
2 <sup>nd</sup> Byte:	<b>0x00</b>	<b>reserved</b>
	<b>0x01</b>	<b>64 Byte Trigger Segment</b>
	<b>0x02</b>	<b>128 Byte Trigger Segment</b>
3 <sup>rd</sup> Byte:	0x00	reserved
	0x01	2 Trigger
	0x02	16 trigger
4 <sup>th</sup> Byte:	0x00	reserved

The example above shows a TRG\_CFG for a trigger segment of 128 bytes.

### SOLUTION

This information has to match the current ETK-configuration:

e.g., ETK with a **64 byte** trigger segment:

ETK 7.0, ETK 7.1, ETK 8.0, ETK 8.1, ETK 8.2, ETK P1.0, ETK P2.0, ETK P3.0, ETK P4.0, ETK P5.0, ETK P7.0

e.g., ETK with a **128 byte** trigger segment:

ETK P6.0

In addition, an ETK with a configurable trigger segment (64/128 byte):

ETK P1.1,  $\mu$ ETK P1

ETKs with configurable trigger segments have to be configured in the ETK Configuration Tool. The definition in the A2L-file has to be set up accordingly.





INCA does not interpret the string TRG\_CFG, but it does interpret the string ETK\_CFG that also contains information on the size of the trigger segment. Please use the ETK Configuration Tool to handle the string ETK\_CFG String.

**APPLIES TO PRODCUTS**

ASCET-RP, INTECRIO

**ADDITIONAL SEARCH TERMS**

ASAP2, A2L, Bypass

