



Concept 719: SENT-Driver

Final release planned for R25-11

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BOSCH Continental



STELLANTIS

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SENT Driver

Release planned for R25-11



Challenge	Solution
Many sensors and actuators in the automotive industry are using the SENT (Single Edge Nibble Transmission) bus as interface to the μ C-system. AUTOSAR has not yet supported this bus technology by a standardized API for applications and a respective set of configuration parameters.	The concept adds a SENT MCAL driver to the AUTOSAR standard for Classic Platform ECUs. This improves the reusability of software modules accessing sensors and actuators using the SENT protocol.

Improved support of SENT devices in the automotive industry