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**ELECTRICALLY POWERED STEERING SYSTEM -
ROBUST INTEGRATION OF ADVANCED FUNCTIONS**

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ABSTRACT

The article describes the impact of advanced functionalities on the Electrically Powered Steering 'Belt Drive EPS' and demonstrates that the daisy chain of these complex steering functions increases significantly with additional features and therefore poses an especial challenge.

Applying the methodologies of AUTOSAR and ISO 26262 show the answer on how to handle the increased complexity of steering functions and how to fulfil the request of the market for the cost effective, time effective and robust integration of advanced functions.