

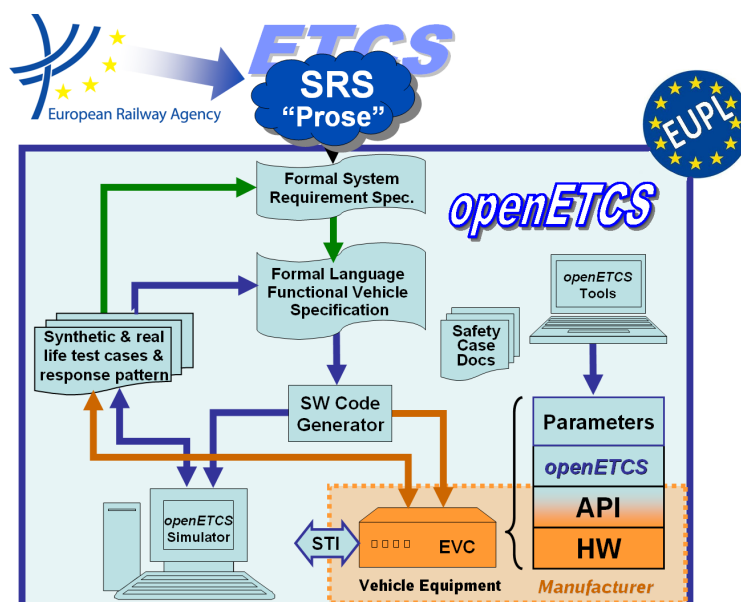
openETCS@ITEA Work Package 4.4: “Verification & Validation of the Formal Model”

D.4.4 Final V&V Report

Version 00

Marc Behrens

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OETCS/WP4/D4.4
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Document approbation

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Abstract: This document presents the interim results of the final iteration of verification and validation of formal model. Since the actual formal model of the ETCS system has not yet been initiated, no “real” input is currently applied. Specifically, the following sections present the contributions of partners of WP 4:

- Section ?? — Affiliation : Verification goal

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1 Introduction

This verification evaluated in five different approaches that the design conforms to an excerpt of Subset-026 [?] related to the specification [?] [?]. It is the first of three reports. It is performed before a design or development process is available. The design used for verification in this report is created and adapted to improve later results of verification. Due to the applicable restrictions the results of the first report focus on the verification itself rather than to give a verdict about conformity of design. All following reports will focus solely on the design provided by the work package "Modelling – Code Generation".

To ensure the correctness and consistency of a design model and its implementation, the validation and verification has to be performed alongside with the modeling process. As the model and code of the EVC are produced by WP3, thus this task will be performed repeatedly during WP3 and will provide feedback to it.

2 Conclusion

References