



SUPERVISOR'S REPORT ON THE MASTER'S THESIS

Master's thesis title **ITS architecture usage in a system development**
Author (including degrees) **Bsc. Mert Aksaç**
Master's thesis supervisor (incl. deg.) **Ing. Petr Bureš, Ph.D.**

Evaluation criteria and their classification

Fulfilment of the master's thesis requirements and goals..... B (very good) ... 1,5
Self-action and own initiative
during the master's thesis elaboration..... C (good) ... 2,0
Application of knowledge gained
by self-study and from professional literature B (very good) ... 1,5
Usage of groundwork and data from practice B (very good) ... 1,5
Professional level and contribution of the master's thesis B (very good) ... 1,5
Formal aspects of the master's thesis.....A (excellent) ... 1,0

Further comments to the master's thesis:

The author has undertaken analysis of 2 different ITS Architecture methodologies (US and EU), both, from theoretical and practical (architecturing tools) perspectives.

Based on the analysis and practical tooling experience with one ITS service, the eCall, the author summarizes benefits and hindrances of the methodologies and proposes new approach for ITS service development. The approach comprises of using common tool (Enterprise Architect) to model the functional and physical view of the proposed ITS service.

Fulfilment of goals of the thesis required to understand a particularly difficult ITS Architecture methodologies. From practical point of view it required to gather knowledge ranging from requirements engineering and eCall case elaboration in different tools to converting the original data to the new tool (Enterprise Architect). In the thesis, I value the practical implications of the "Common tool" approach and the transformation of the FRAME architecture datasets into it, since this is one of the key topics of the current EU project FRAME-NEXT.



I **recommend** the master's thesis for the defence.

Summary classification of the master's thesis B (very good) ... 1,5

Petr Bureš

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master's thesis supervisor's name

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master's thesis supervisor's signature

In Praha June 10, 2019