



Case Study: Interoperability Analysis on Mood 2010 at Combitech

Combitech is one of the largest consulting companies with over 1300 employees and 20 offices across Sweden. Combitech is a subsidiary within the Saab Group and the lodestar of the company is to combine technology, environment and safety. Our customers are found in industries such as aviation and defence, telecoms, public authorities and agencies, medical technology, transport, environmental technology, energy, banking and finance. We develop, adapt and improve technology to meet our customers' changing needs.

Today the company consists of the three business divisions: Systems Engineering, Technical Information Solutions and Security Solutions. The Enterprise Architecture Section (ILIA) where the Case Study is to be conducted belongs to the Security Solutions division. Typical tasks for the ILIA include:

- Architecture description production based on major architecture framework, e.g. MODAF using modelling tools such as Mood 2010.
- Method development based on theories, lessons learned from architecture description production and QA techniques such as CMMI.
- Project management based on MAPS, a project management method developed in-house.

The primary focus of the Case Study is to analyse and compare the interoperability of Mood 2010 with other tools, e.g. EAAT, ARIS. Further, the aim of the case study is to recommend possible improvements to the architecture descriptions that are to be provided to the Case Study. The students are expected to use the Multi-Attribute Prediction class diagram for an easier examination of many quality attributes, but the focus will be only on one.

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