

Tasks

The first version of 'Interaction between NATM' was presented at VMAD 08 meeting.

During the call the group was requested to resolve the following topics:

- Should elaborate on what 'expert scenarios' are.
- Need to describe in more detail how one assessment method could support another - especially when there may be a failure case.
- Should be more specific about the test method order (which may have an impact on the order of functional requirements being assessed).
- Should further elaborate the overall purpose of the NATM.
- Should be clearer that if a functional requirement is fully assessed by a specific test method, then there is no need to reassess by another method.
- In-use monitoring data could also include more positive data.
- It would be beneficial to set a clear minimum performance for the aggregated results provided by the test methods.

NATM SG

Output

2 meetings were held on 2nd and 4th September, where an updated document was discussed.

For transparency purposes 2 documents are attached:

- VMAD-11-XX Interactions between NATM v4 with track changes.docx – showing the changes made since VMAD 08
- VMAD-11-XX Interactions between NATM v4 clean.docx – clean version for discussion during VMAD



NATM w/ track
changes



NATM clean

The Annexes refer to the current status within each SG. The document only act as a tool to inform the SGs in how to develop their requirements in relation to each other.

NATM SG

Remaining open topics

Questions/comments for VMAD 11:

- Request for SG1a to follow up and make it clear that failures, edge cases etc are covered by the term 'traffic scenarios'
- The KPIs for scenario coverage should be agreed in SG1a.
- The methodologies for picking scenarios to be tested should be addressed in SG1a.
- Are scenarios used for testing only applicable inside the ODD, or should some consideration be given to those conditions just beyond?

Failure case:

Each pillar in the NATM aims to validate the requirement with pass/fail criteria. If there is a conflict in outcome within or between different pillars, further research will be required until all outcomes are in line. This research should also include evaluation of the proper execution of the assessment for the different pillars, assessments partly falling outside the ODD etc. Data from manufacturers should be included as far as possible. The ultimate conclusion could be that the NATM needs to be updated.