

VMAD SG2. Simulation/Virtual Testing

10° meeting

10 February 2021



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VMAD-SG2

NATM Master Document Simulation Chapter

- New chapter 6 structure submitted to VMAD (v.1.20)
- New chapter adopted during VMAD 16 (15/01)
- NATM Master Document submitted to GRVA and adopted last week
- NATM Master Document submitted to WP29

Remaining outstanding issues

Subgroup	Outstanding questions/issues/activities to address/develop	Target Completion date	
Subgroup 2 (Simulation and virtual testing)	1. Provide an example of a simulation toolchain for virtual testing	January 2021	
	2. Define requirements and methods for simulation tool-chain validation. This includes: i) defining different approaches for ADAS and ADS (in case SG2 will also need to deal with ADAS virtual testing); ii) defining appropriate metrics evaluating toolchain accuracy; and iii) defining the type of scenarios used for toolchain validation	April 2021	 <i>How to validate a virtual toolchain</i>
	3. Define documentation requirements for vehicle manufacturers and ADS developers (including the establishment of a clear link with the audit pillar)	June 2021	 <i>How to prove that the toolchain is validated</i>
	4. Define standardization requirements to allow authorities performing in-house virtual testing (following activities carried out by ASAM and other associations)	December 2021+	

Online documentation repository

- <https://wiki.unece.org/display/trans/VMAD-9th+SG2+session>









Pages / ... / VMAD - SG 2 (Virtual testing)

VMAD-9th SG2 session

Created by Ryuzo Oshita, last modified on 28 Jan, 2021

Web-conference, January 20 (Wednesday) 2021

Informal Documents

File ^	Locked By	Modified
>  VMAD-SG2-09-00 Meeting Presentation.pptx		22 Jan, 2021 by Ryuzo Oshita
>  VMAD-SG2-09-02 Virtual Testing Toolchain example .docx		22 Jan, 2021 by Ryuzo Oshita
>  VMAD-SG2-09-03 Outstanding Issues.pptx		22 Jan, 2021 by Ryuzo Oshita
>  VMAD-SG2-09-04 NTAM Master Document Chapter 6 Part 1.docx		22 Jan, 2021 by Ryuzo Oshita
>  VMAD-SG2-09-05 NTAM Master Document Chapter 6 Part 2.docx		22 Jan, 2021 by Ryuzo Oshita
>  VMAD-SG2-09-01 Meeting Minutes.docx		22 Jan, 2021 by Ryuzo Oshita

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Call for inputs to validation

- RDW (10/02). Documentation requirements
- AVL (17/02)
- ...

Thank you



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