

Terms of Reference and the Rules of Procedure of the UN Task Force on Cyber Security and OTA issues

A. Terms of Reference

1. The Task Force is established as a subgroup of the Informal Working Group on Intelligent Transport Systems / Automated Driving (IWG on ITS/AD) of WP.29.
2. Members of the group shall have the relevant technical or regulatory expertise to contribute to the delivery of its task.
3. The Task Force shall:
 - Address Cyber Security issues, relevant for the automotive industry. This shall include the following activities:

- Agree common terms and definitions.

This shall include the following definitions:

- “Cyber Security” in the context of the automotive industry shall be defined as:

“The use of technologies, processes and practices designed to protect networks, devices, services and programs – and the information and data on them – from theft, damage, attack or unauthorized access”

- “The automotive industry ” shall be considered to include:

“Manufacturers, suppliers, maintenance providers and providers of systems and services that interact with the vehicles (e.g. back end systems and 3rd party systems)”

This definition may be further refined were needed.

- Identify and consider key risks and threats
- Agree and define principles/objectives to be obtained to address the key risks and threats and measures to assure vehicle safety in case of cyber-attacks and any associated timelines for achieving them
- Take into account the document titled “Guideline on cybersecurity and data protection”, developed by the IWG on ITS/AD, to avoid duplications/deficiencies
- Consider existing and developing standards, practice(s), directives and regulations concerning cyber security and their applicability to the automotive industry
- ⊖ Define detailed guidance or measures for how to meet the objectives/principles. This may include processes and technical approaches
- Consider what assessments or evidence may be required to demonstrate compliance or type approval with any requirements identified

- Outputs to be presented to the IWG on ITS/AD of WP.29 for their consideration. This shall include recommendations on the outputs use as a regulation or a resolution and, if applicable timelines, for delivery
- Address Data protection issues. This shall include the following activities:
 - Consider the implications of data protection legislation and privacy legislation
 - Agree common terms and definitions, including defining “Data protection” and “Data privacy” in the context of the automotive industry
 - Consider what data might be stored in a vehicle or transmitted from it
 - Consider and identify key risks and threats for the protection of data including personal data, stored data and transmitted data
 - Develop recommendations or guidance to address the key risks and threats identified
 - Consider existing and developing standards, practice(s), directives and regulations concerning data protection and data privacy and their applicability to the automotive industry
 - Outputs to be presented to the IWG on ITS/AD of WP.29 for their consideration. This shall include recommendations on the outputs use as a regulation or a resolution and, if applicable timelines, for delivery
- Address software updates. This shall include the following activities:
 - Agree common terms and definitions, including defining “Over-The-Air updates” in the context of the automotive industry
 - Develop recommendations on security aspects of software updates, including over-the-air updates
 - Consider and identify key risks and threats concerned with software updates
 - Consider existing and developing standards, practice, directives and regulations concerning software and its updates
 - Consider the implications related to type approval for software updates, including technical and administrative provisions
 - Consider the implications related to post-registration regulatory compliance and conformity to the type approved
 - Outputs to be presented to the IWG on ITS/AD of WP.29 for their consideration. This shall include recommendations on the outputs use as a regulation or a resolution and, if applicable timelines, for delivery
- Develop relevant recommendations, provisions or documentation;
- Submit its outcome to the IWG on ITS/AD.

B. Rules of Procedure

4. The Task Force is a sub group of the IWG on ITS/AD, and is open to all participants of WP.29 and its subsidiary bodies.
5. The Task Force will be chaired by the United Kingdom Department for Transport and Japan. The Technical Secretariat will be provided by OICA.

6. The working language of the Task Force will be English.
7. All documents and/or proposals shall be submitted to the Technical Secretary in a suitable electronic format at least one week before the meeting. The group may refuse to discuss any item or proposal which has not been circulated one week in advance.
8. An agenda and related documents will be circulated to all TF members in advance of all scheduled meetings.
9. All TF documents will be made available on the dedicated UNECE website by the Secretary (<https://www2.unece.org/wiki/pages/viewpage.action?pageId=40829521>).
10. The TF decisions will be reached by consensus. When consensus cannot be reached, the TF Chairmen shall present the different points of view to the IWG on ITS/AD and seek guidance as appropriate.
11. The IWG progress will be routinely reported at sessions of the IWG on ITS/AD by the Chair(s) or representative(s).

C. Timeline

12. The Task Force is expected to outline its plan (including any steps, deliverables and expected timelines) for presentation to the March 2017 meeting of IWG on ITS/AD.
 13. The Task Force is expected to deliver documentation to the IWG on ITS/AD, detailing its recommendations or provisions on cyber security, Over-The-Air updates and data protection within a year from its first meeting. This shall be in time for the IWG on ITS/AD on the (date to be confirmed – probably Jan 2018).
 14. The Task Force shall make a recommendation on whether it should continue after its first full year and present this to the IWG on ITS/AD on the (date to be confirmed – probably Jan 2018).
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