

ISO/TR 23786:2019-11 (E)

Road vehicles - Solutions for remote access to vehicle - Criteria for risk assessment

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Abbreviated terms	2
5	Handling the risks	3
5.1	Risk categories	3
5.2	Performing the risk assessment	3
5.3	Risk assessment in the case of an RCS-specification	3
6	Assessment of the risks related to the safety of persons and goods during the vehicle life cycle	4
6.1	List of safety risks	4
6.2	Remarks related to the assessment of the safety risks	5
6.2.1	General	5
6.2.2	Potential overload of the electronic system of the moving vehicle	5
6.2.3	Illicit or malicious remote control of the vehicle or vehicles	5
6.2.4	Other safety risks resulting from cybersecurity issues or problems	6
6.2.5	Absence of consideration of the complete vehicle life cycle	6
7	Assessment of the cybersecurity risks related to the vehicle remote communication system	7
7.1	Cybersecurity risks	7
7.2	Remarks related to the assessment of the cybersecurity risks	7
7.2.1	General considerations related to cybersecurity risks	7
7.2.2	General considerations related to misuse prevention measures	7
8	Assessment of the risks associated to the fair competition among the concerned actors ...	8
8.1	List of competition risks	8
8.2	Remarks related to the assessment of the competition risks	8
8.2.1	Involved actors	8
8.2.2	Risk related to the monitoring of the market	8
8.2.3	Possible unique knowledge of the customer's behaviour through monitoring,	9
8.2.4	Risks related to the development of new after-sales applications	10
8.2.5	Competition risks among manufacturers	10
9	Assessment of the risks related to the responsibility and liability of the concerned actors	10
10	Assessment of the risks related to the protection of the resources owned by the resource owner (data protection)	10
Annex A (informative)	Template proposal for assessing a possible risk	11
Bibliography		12