

ISO 23132:2020 (E)

Road vehicles — Extended Vehicle (ExVe) time critical applications — General requirements, definitions and classification methodology of time-constrained situations related to Road and ExVe Safety (RExVeS)

Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms and definitions
4	Symbols and abbreviated terms
5	Conventions and guidelines for specifying RExVeS-related requirements
6	The RExVeS methodology
6.1	General
6.2	Analysis of RExVeS-related scenarios
6.3	Classification of RExVeS-related time-constrained and safety-critical situations
6.3.1	Classification scheme
6.3.2	Classes of severity
6.3.3	Classes of probability of exposure
6.3.4	Classes of controllability
6.3.5	Determination of the priority class of a RExVeS-related time-constrained situation
6.3.6	Template for the description and priority class assignment of a RExVeS-related situation
7	Connected vehicle design prerequisites
Annex A	(normative) Template for the description and priority class assignment of RExVeS-related situations (including safety-critical situations)
Annex B	(informative) Example 1 of use of the RExVeS template
Annex C	(informative) Example 2 of use of the RExVeS template
Annex D	(informative) Example 3 of use of the RExVeS template
Annex E	(informative) List of use-cases
E.1	General
E.2	List of day 1 services
E.3	List of day 1,5 services

Page count: 24