

DIN EN ISO 18541-2:2016-04 (E)

Road vehicles - Standardized access to automotive repair and maintenance information (RMI) - Part 2: Technical requirements (ISO 18541-2:2014)

Contents		Page
European foreword		3
Foreword		5
Introduction		5
1	Scope	6
2	Normative references	6
3	Terms, definitions, symbols and abbreviated terms	6
	3.1 Terms and definitions	6
	3.2 Abbreviated terms	7
4	Conventions	8
5	Requirements overview and principles	8
	5.1 Basic principles for requirements definition	8
	5.2 Requirements clustering	8
6	Requirements cluster 1 — Access-related data administration	12
	6.1 [TREQ-1] General access-related data administration	12
	6.2 [TREQ-2], [TREQ-3] Administration of IO and IO employee data by the VM	12
	6.3 [TREQ-4] Administration of payment data by the VM	13
	6.4 [TREQ-5] Administration of access event data by the VM	14
	6.5 [TREQ-6] Administration of access event data to security-related RMI by the VM	14
7	Requirements cluster 2 — IT architecture	15
	7.1 [TREQ-7] Conceptual architecture	15
	7.2 [TREQ-8] Implementation principles	17
8	Requirements cluster 3 — External interfaces	20
	8.1 [TREQ-9] Vehicle communication interface (VCI)	20
	8.2 [TREQ-10] Trust centre (certificate management)	24
	8.3 [TREQ-11] Parts ordering for security-related features	24
	8.4 [TREQ-12] Partnered accessory provider systems	24
9	Requirements cluster 4 — Technical infrastructure	25
	9.1 [TREQ-13] Type of device	25
	9.2 [TREQ-14] Hardware features	25
	9.3 [TREQ-15] Operating systems	25
	9.4 [TREQ-16] Web browsers	25
	9.5 [TREQ-17] Presentation formats for information packages	26
	9.6 [TREQ-18] Internet connection	26
	9.7 [TREQ-19] Performance of the VM RMI system	26
10	Requirements cluster 5 — Co-existence of VM software on IO client	27
	10.1 [TREQ-20] Requirements for installing VM-specific software on the IO client	27
	10.2 [TREQ-21] Requirements for updating of installed VM data and applications on the IO client	28
	10.3 [TREQ-22] Requirements for the operation of VM-specific software on the IO client	28
	10.4 [TREQ-23] Requirements for the uninstalling of VM-specific software on the IO client	29
	10.5 [TREQ-24] Requirements for restoring in case of an abnormal termination of the VM-specific software on the IO client	29

11	Requirements cluster 6 — Operations	30
11.1	[TREQ-25] VM RMI system availability time.....	30
11.2	[TREQ-26] Support for the usage of the VM RMI system.....	30
11.3	[TREQ-27] Operation of the IO PC.....	31
12	Requirements cluster 7 — Functional user interface	31
12.1	[TREQ-28] Functional user interface.....	31
Annex A (informative) PC specification		33
Bibliography		34