ISO 18541-2:2021 (E)

Road vehicles — Standardized access to automotive repair and maintenance information (RMI) — Part 2: Technical requirements

Contents

Foreword

Introduction

1 Scope

2 Normative references

3 Terms and definitions

4 Abbreviated terms

5 Requirements overview and principles

5.1 Basic principles for requirements definition
5.2 Requirements clustering

6 Requirements cluster 1 — Access-related data administration

6.1 [TREQ-1] General access-related data administration
6.2 [TREQ-2], [TREQ-3] Administration of IO and IO employee data by the VM
6.2.1 [TREQ-2] Administration of IO data by the VM
6.2.2 [TREQ-3] Administration of IO employee data by the VM
6.3 [TREQ-4] Administration of payment data by the VM
6.4 [TREQ-5] Administration of access event data by the VM
6.5 [TREQ-6] Administration of access event data to security-related RMI by the VM

7 Requirements cluster 2 — IT architecture

7.1 [TREQ-7] Conceptual architecture
7.2 [TREQ-8] Implementation principles

8 Requirements cluster 3 — External interfaces

8.1 [TREQ-9] Vehicle communication interface (VCI)
8.2 [TREQ-10] Trust centre (certificate management)
8.3 [TREQ-11] Parts ordering for security-related features
8.4 [TREQ-12] Partnered accessory provider systems

9 Requirements cluster 4 — Technical infrastructure

9.1 [TREQ-13] Type of device
9.2 [TREQ-14] PC requirements
9.3 [TREQ-15] Operating systems
9.4 [TREQ-16] Web browsers
9.5 [TREQ-17] Presentation formats for information packages
9.6 [TREQ-18] Internet connection
9.7 [TREQ-19] Performance of the VM RMI system

10 Requirements cluster 5 — Co-existence of VM software on IO client

10.1 [TREQ-20] Requirements for installing VM-specific software on the IO client
10.2 [TREQ-21] Requirements for updating of installed VM data and applications on the IO client
10.3 [TREQ-22] Requirements for the operation of VM-specific software on the IO client
10.4 [TREQ-23] Requirements for the uninstalling of VM-specific software on the IO client
10.5 [TREQ-24] Requirements for restoring in case of an abnormal termination of the VM-specific software on the IO client

11 Requirements cluster 6 — Operations

11.1 [TREQ-25] VM RMI system availability time
11.2 [TREQ-26] Support for the usage of the VM RMI system
11.3 [TREQ-27] Operation of the IO PC

12 Requirements cluster 7 — [TREQ-28] Functional user interface

Annex A (normative) Requirements for access to security-related RMI according to SERMI scheme

A.1 General
A.2 [TREQ-1] General access-related data administration
A.3 [TREQ-3] Administration of IO employee data by the VM
A.4 [TREQ-7] Conceptual architecture
A.5 [TREQ-10] Trust centre (certificate management)
A.6 [TREQ-11] Parts ordering for security-related features

Page count: 32