ISO 24101-1:2008-03 (E)

Intelligent transport systems - Communications access for land mobiles (CALM) - Application management - Part 1: General requirements

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Abbreviated terms 3

5 General structure 4

6 Application installation, uninstallation and modification 4
6.1 Application Management Entity (AME) 5
6.2 Application Management Table (AMT) 5
6.3 Application loading 6
6.4 Procedures for installing, uninstalling and modifying applications 6

7 Management structure 7
7.1 Entity management structure 7
7.2 Application management structure 7
7.3 Manager certificate 7

8 Management of applications and security 8
8.1 File management 8
8.2 Access to common files 8
8.3 Operator authentication and access control 8

9 Installer 9
9.1 Operator authentication 9
9.2 Archival records 9
9.3 Restoration function 9
9.4 Function to confirm communication environment 9

10 API environment 9
11 Scheduled application updates 9
12 Application verification 10
13 Transfer to CALM System Management Entity (CME) 10

Annex A (informative) OBE/WAE initiated download 11

Annex B (normative) Installer initiated download 12

Annex C (informative) Installer initiated download via radio transmission (DSRC) 16

Annex D (informative) Procedures for installing, uninstalling and modifying applications 17

Bibliography 19