ISO 37184:2023-03 (E)

Sustainable mobility and transportation - Framework for transportation services by providing meshes for 5G communication

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Concept of framework for transportation services by providing meshes for 5G communication 1
4.1 Background 1
4.2 Meshes and mesh network creation and connection to 5G backbone networks 2
4.3 Target city issues and effectiveness of transportation services by providing meshes 2
4.4 Meeting the sustainable development goals (SDSs) 3

5 Adoption of framework for transportation services by providing meshes for 5G communication 3
5.1 General 3
5.2 Promotion of transportation services 3

6 Security in transportation services by providing meshes for 5G communication 3
6.1 Data transmission performance by transportation services 3
6.2 Data transmission security for transportation services 4
6.2.1 General 4
6.2.2 Security procedure in transportation services 5
6.2.3 Security on gateways to/from 5G backbone networks 5

7 Personal privacy protection for transportation services by providing meshes for 5G communication 6

8 Quality maintenance of transportation services by providing meshes for 5G communication 6
8.1 General 6
8.2 Parameters to be monitored 6
8.3 Modification of transportation services 6

Bibliography 7