

ISO/TR 4447:2022-05 (E)

Intelligent transport systems - Mobility integration - Comparison of two mainstream integrated mobility concepts

	Contents	Page
Foreword		iv
Introduction		v
1 Scope		1
2 Normative references		1
3 Terms and definitions		1
4 Abbreviated terms		1
5 The two mainstream concepts within integrated mobility		2
5.1 Introduction		2
5.2 The MaaS role and responsibility model		2
5.3 The MOD role and responsibility model		5
5.3.1 The supply and demand side of MOD		5
5.3.2 The MOD stakeholders		6
6 A comparison of the MaaS and MOD concepts on a service level		6
7 A comparison of the MaaS and Mod concepts on a role level		9
7.1 Introduction		9
7.2 Common MaaS and MOD roles		10
7.2.1 MaaS provider and MOD operator		10
7.2.2 Customer and consumer		10
7.2.3 Transport operators, transport service provider and public transit agencies		11
7.2.4 Payment solution provider and payment system provider		11
7.2.5 ICT service providers		12
7.2.6 Regulators and policy makers, federal government and state and local authorities		13
7.3 Roles solely described in the MaaS concept		13
7.3.1 Dynamic multiservice journey planner providers		13
7.3.2 Data providers		14
7.3.3 Ticketing solution providers		14
7.4 Summary of the MaaS and MOD roles		14
8 Issues for further elaboration and possible standardization		15
8.1 Introduction		15
8.2 An enterprise view on the integrated mobility service		15
8.3 A functional view on the integrated mobility service		16
8.4 A physical view on the integrated mobility service		17
8.5 A standard for data needed by integrated mobility concepts		17
Bibliography		18