

ISO/TR 14639-2:2014-10 (E)

Health informatics - Capacity-based eHealth architecture roadmap - Part 2: Architectural components and maturity model

Contents	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Terms and definitions	2
3 Abbreviations	12
4 Overview of business requirements	13
5 Development and application of eHealth enterprise architectures	13
5.1 eHealth enterprise architectures	13
5.2 Development of an eHealth architecture	13
5.3 Building up the architecture: A methodology	14
6 Health architecture components and requirements	20
6.1 Governance and national ownership	22
6.2 Health process domain components	44
6.3 Foundation Components -- eHealth infostructure	85
6.4 Foundation components -- ICT infrastructure	100
7 Profiling countries with the eHAM	111
8 Future Considerations	115
Annex A (informative) World Economic Forum -- Global Health Data Charter	117
Annex B (informative) Generic component model	121
Annex C (informative) Health informatics -- Service architecture (HISA)	122
Annex D (informative) Candidate standard supporting eHealth Architecture Model and Maturity Models	125
Annex E (informative) WHO Indicator and Measurement Registry (IMR)	128
Annex F (informative) Statistical Data and Metadata Exchange for the Health Domain (SDMX-HD)	129
Annex G (informative) List of figures and tables in this part of ISO 14639	132
Bibliography	133