

DIN EN 12967-1:2008-02 (D)

Medizinische Informatik - Servicearchitektur - Teil 1: Unternehmenssicht; Englische Fassung EN 12967-1:2007

Inhalt	Seite
Foreword	4
Introduction.....	5
1 Scope.....	7
2 Normative references.....	8
3 Terms and definitions	10
3.1 System concepts	10
3.2 Concepts relating to organisation	10
3.3 Community concepts	10
3.4 Behaviour concepts	11
3.5 Policy concepts	12
3.6 Accountability concepts	13
4 Abbreviations.....	14
5 Methodology for the specification of the architecture	15
5.1 The viewpoints for the specification of the architecture.....	15
5.2 The HISA specification procedure.....	16
5.2.1 The strategic paradigm.....	16
5.2.2 Specification of the enterprise viewpoint	17
5.2.3 Specification of the information viewpoint.....	18
5.2.4 Specification of the computational viewpoint.....	18
5.3 Iterative specification.....	19
5.4 Viewpoints specification languages and notations.....	19
6 HISA overview.....	20
6.1 General requirement	20
6.2 Enterprise viewpoint	20
6.3 Information viewpoint	22
6.4 Computational viewpoint.....	22
7 The methodology for extensions.....	23
8 Conformance criteria	23
8.1 Conformance of specification documents to the HISA methodology	24
8.2 Conformance of middleware products to the HISA architectural requirements	24
9 The HISA Enterprise viewpoint	25
9.1 Introduction.....	25
9.1.1 The regional, inter-enterprise perspective	25
9.1.2 The medical/clinical perspective	25
9.1.3 The operational/clinical and organisational process model perspective.....	27
9.1.4 The Healthcare Information Services and their complexity.....	33
9.2 The fundamental workflows and groups of users' activities to be supported by the middleware.....	34
9.3 General information requirements for all users' activities	35
9.3.1 Introduction.....	35
9.3.2 Common attributes.....	35
9.3.3 Extensibility	35
9.3.4 Versioning	36
9.3.5 Auditing	36
9.3.6 Handling of lifecycle.....	36
9.4 Subject of Care workflow	37

9.4.1	Textual description of requirements.....	37
9.4.2	Use case examples.....	39
9.5	Clinical information workflow.....	42
9.5.1	Textual specification of requirements.....	42
9.5.2	Use case examples.....	43
9.6	Activity management workflow.....	44
9.6.1	Textual description of requirements.....	44
9.6.2	Use case examples.....	47
9.7	Resources management activities.....	49
9.7.1	Textual description of requirements.....	49
9.8	Users and Authorisations management activities.....	50
9.8.1	Textual description of requirements.....	50
9.9	Classifications, coding and dictionaries management activities.....	51
9.9.1	Textual description of requirements.....	51
1	Informative Annexe: highlights on ODP.....	53
2	Informative Annexe: Rationale on the federative structure of the Health Information Systems architecture.....	56