ISO 13606-4:2026-08 (E)

Health informatics - Electronic health record communication - Part 4: Security

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Abbreviations 2

5 Conformance 2

6 Record Component Sensitivity and Functional Roles 3
6.1 RECORD_COMPONENT sensitivity 3
6.2 Functional roles 3
6.3 Mapping of Functional Role to COMPOSITION sensitivity 4

7 Representing access policy information within an EHR_EXTRACT 4
7.1 Overview 4
7.2 UML representation of the archetype of the access policy COMPOSITION 6
7.3 Access policy model properties 7
7.3.1 Access policy 7
7.3.2 Target 7
7.3.3 Request criterion 8
7.3.4 Sensitivity constraint 9
7.3.5 Attestation information 10
7.4 Archetype of the access policy COMPOSITION 11

8 Representing audit log information 11
8.1 General 11
8.2 EHR audit log extract 12
8.3 Audit log constraint 12
8.4 EHR audit log entry 13
8.5 EHR extract description 14
8.6 Demographic extract 15

Annex A (informative) Illustrative access control example 16

Annex B (informative) Relations of this document to alternative approaches 20

Bibliography 22