ISO 17090-4:2026-01 (E)

Health informatics - Public key infrastructure - Part 4: Digital signatures for healthcare documents

Contents

Page

Foreword ... **iv**

Introduction ... **v**

1 Scope ... **1**

2 Normative references ... **1**

3 Terms and definitions ... **1**

4 Target of application ... **2**

4.1 Target system ... 2
4.2 Generation process ... 3
4.3 Verification process ... 4
4.3.1 General ... 4
4.3.2 Verification of ES-BES ... 4
4.3.3 Verification of ES-T ... 5
4.3.4 Verification of ES-A ... 6
4.4 CAdES specification ... 9
4.4.1 General ... 9
4.4.2 Long term signature profile ... 9
4.4.3 Representation of the required level ... 10
4.4.4 CAdES-T profile ... 10
4.4.5 CAdES-A profile ... 12
4.5 XAdES specification ... 14
4.5.1 General ... 14
4.5.2 Defined long-term signature profiles ... 14
4.5.3 Representation of the required level ... 14
4.5.4 XAdES-T profile ... 15
4.5.5 XAdES-X-Long form ... 16
4.5.6 XAdES-A profile ... 18
4.6 PAdES specification ... 18
4.6.1 General ... 18
4.6.2 Defined long term signature profiles ... 18
4.6.3 Representation of the required level ... 19
4.6.4 PAdES-T profile ... 19
4.6.5 PAdES-A profile ... 22

Annex A (informative) **JAdES specification** ... **23**

Annex B (informative) **Use cases** ... **28**

Bibliography ... **31**