

# ISO/IEC 13888-1:2009-07 (E)

## Information technology - Security techniques - Non-repudiation - Part 1: General

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Symbols and abbreviated terms .....	8
5	Organisation of the remainder of this part of ISO/IEC 13888 .....	8
6	Requirements .....	9
7	Generic non-repudiation services .....	9
7.1	Entities involved in the provision and verification of evidence .....	9
7.2	Non-repudiation services .....	10
8	Trusted third party involvement .....	10
8.1	General .....	10
8.2	Evidence generation phase .....	10
8.3	Evidence transfer, storage and retrieval phase .....	11
8.4	Evidence verification phase .....	11
9	Evidence generation and verification mechanisms .....	12
9.1	General .....	12
9.2	Secure envelopes .....	12
9.3	Digital signatures .....	13
9.4	Evidence verification mechanism .....	13
10	Non-repudiation tokens .....	13
10.1	General .....	13
10.2	Generic non-repudiation token .....	14
10.3	Time-stamping token .....	15
10.4	Notarization token .....	15
11	Specific non-repudiation services .....	15
11.1	General .....	15
11.2	Non-repudiation of origin .....	16
11.3	Non-repudiation of delivery .....	16
11.4	Non-repudiation of submission .....	16
11.5	Non-repudiation of transport .....	16
12	Use of specific non-repudiation tokens in a messaging environment .....	17
Bibliography .....		19