

# ISO/IEC 13888-1:2020 (E)

## Information security — Non-repudiation — Part 1: General

---

### Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms and definitions
4	Symbols and abbreviated terms
4.1	Symbols
4.2	Abbreviated terms
5	Document organization
6	Requirements
7	Generic non-repudiation services
7.1	Non-repudiation services
7.2	Entities involved in the provision and verification of evidence
8	Trusted third party involvement
8.1	General
8.2	Evidence generation phase
8.3	Evidence transfer, storage and retrieval phase
8.4	Evidence verification phase
9	Evidence generation and verification mechanisms
9.1	General
9.2	Secure envelopes
9.3	Digital signatures
9.4	Evidence verification mechanism
10	Non-repudiation tokens
10.1	General
10.2	Generic non-repudiation token
10.3	Time-stamp token
10.4	Notarization token
11	Specific non-repudiation services
11.1	General
11.2	Non-repudiation of origin
11.3	Non-repudiation of delivery
11.4	Non-repudiation of submission
11.5	Non-repudiation of transport
12	Use of specific non-repudiation tokens in a messaging environment