

# ISO 19626-1:2020-03 (E)

## Processes, data elements and documents in commerce, industry and administration - Trusted communication platforms for electronic documents - Part 1: Fundamentals

<b>Contents</b>		<b>Page</b>
<b>Foreword</b> .....		iv
<b>Introduction</b> .....		v
<b>1 Scope</b> .....		<b>1</b>
<b>2 Normative references</b> .....		<b>1</b>
<b>3 Terms and definitions</b> .....		<b>1</b>
<b>4 Trusted communication</b> .....		<b>4</b>
4.1 Overview .....		4
4.2 Legal considerations .....		5
4.2.1 General .....		5
4.2.2 Certainty of communication .....		6
4.2.3 Completeness of communication delivery .....		7
4.2.4 Confidentiality of communication delivery .....		7
4.3 Administrative requirements .....		8
4.3.1 General .....		8
4.3.2 Trusted communication platform service provider (TCPSP) .....		8
4.3.3 TCP main agreement .....		8
4.3.4 TCP client agreement .....		9
<b>5 Trusted communication platform (TCP)</b> .....		<b>10</b>
5.1 Overview .....		10
5.2 TCP system architecture .....		11
5.3 TCP system requirements .....		12
5.3.1 General .....		12
5.3.2 TCP confidentiality .....		12
5.3.3 TCP authenticity .....		13
5.3.4 TCP reliability .....		13
5.3.5 TCP accountability .....		14
5.3.6 TCP portability .....		14
5.4 TCP system rules .....		15
5.5 TCP communication .....		15
5.5.1 TCP communication overview .....		15
5.5.2 Secure envelope .....		17
5.5.3 TCP message package .....		18
5.5.4 TCPSPs' communication binding .....		19
<b>6 Trusted communication evidence (TCE)</b> .....		<b>21</b>
6.1 TCE generation .....		21
6.2 Evidential procedure .....		23
6.3 TCE custody .....		24
6.3.1 General .....		24
6.3.2 TCE Generation .....		24
6.3.3 Validation about TCE .....		25
6.3.4 Archiving of TCE .....		26
<b>Annex A (informative) Trusted communication reference model</b> .....		<b>28</b>
<b>Annex B (informative) TCP main: quality and risk management</b> .....		<b>29</b>
<b>Annex C (informative) TCPSPs' communication binding (an example)</b> .....		<b>31</b>
<b>Bibliography</b> .....		<b>35</b>