

International Standard

ISO/IEC 27566-1

Information security, cybersecurity and privacy protection — Age assurance systems —

First edition 2025-12

Part 1: **Framework**

iTeh Standards (https://standards.iteh.ai)

Sécurité de l'information, cybersécurité et protection de la vie privée — Systèmes de contrôle de l'âge — Common de la vie privée — Systèmes de contrôle de l'âge — Common de la vie privée — Systèmes de contrôle de l'âge — Common de la vie privée — Systèmes de contrôle de l'âge — Common de la vie privée — Systèmes de contrôle de l'âge — Common de la vie privée — Systèmes de contrôle de l'âge — Common de la vie privée — Systèmes de contrôle de l'âge — Common de la vie privée — Systèmes de contrôle de l'âge — Common de la vie privée — Systèmes de contrôle de l'âge — Common de la vie privée — Systèmes de contrôle de l'âge — Common de la vie privée — Systèmes de contrôle de l'âge — Common de la vie privée — Systèmes de contrôle de l'âge — Common de la vie privée — Systèmes de contrôle de l'âge — Common de la vie privée — Systèmes de contrôle de l'âge — Common de la vie privée — Systèmes de contrôle de l'âge — Common de la vie privée — Systèmes de contrôle de l'âge — Common de la vie privée — Systèmes de contrôle de l'âge — Common de la vie privée — Systèmes de contrôle de l'âge — Common de la vie privée — Systèmes de contrôle de l'âge — Common de la vie privée de la v

Partie 1: Cadre de travail

ISO/IEC 27566-1:2025

https://standards.iteh.ai/catalog/standards/iso/0b3cf86a-7453-4b6d-ba8f-50cefcad47df/iso-iec-27566-1-2025

iTeh Standards (https://standards.iteh.ai) Document Preview

<u> ISO/IEC 27566-1:2025</u>

https://standards.iteh.ai/catalog/standards/iso/0b3cf86a-7453-4b6d-ba8f-50cefcad47df/iso-iec-27566-1-2025



COPYRIGHT PROTECTED DOCUMENT

© ISO/IEC 2025

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office CP 401 • Ch. de Blandonnet 8 CH-1214 Vernier, Geneva Phone: +41 22 749 01 11 Email: copyright@iso.org Website: www.iso.org

Published in Switzerland

Contents					
Fore	eword		v		
Intr	oductio	on	vi		
1	Scon	oe	1		
2	-	native references			
3	3.1	ns and definitions Terms relating to age assurance			
	3.1	Terms relating to age assurance			
	3.3	Terms relating to data and processes			
4	Over	rview of age assurance			
•	4.1	Age			
	4.2	Characteristics of age assurance systems			
	4.3	Age assurance methods			
		4.3.1 Overview of age assurance methods			
		4.3.2 Age verification methods			
		4.3.3 Age estimation methods			
		4.3.4 Age inference methods 4.3.5 Successive validation			
	4.4	4.3.5 Successive validation Stakeholders			
	7.7	4.4.1 General			
		4.4.2 Policy makers			
		4.4.3 Consumer protection agencies			
		4.4.4 Sector associations 5 Statutarus			
5	Functional characteristics				
	5.1	Age assurance systems -// Suathulah U.S. 10011.ali)	11		
		5.1.1 General			
		5.1.2 Age assurance providers Providers			
		5.1.3 Intermediaries			
	5.2	Data acquisition for age assurance components	12		
		5.2.1 Sources of data <u>ISO/IEC 27566-1:2025</u> r 5.2.2 Primary and secondary credentials 153-4b6d-ba8f-50cefcad47df/iso-iec	12 -27566-1-2 13		
		5.2.3 Date transposition errors	12		
	5.3	Binding of age assurance result to the correct individual			
	0.0	5.3.1 Binding characteristics			
		5.3.2 Approaches to binding			
	5.4	Age assurance data processing			
	5.5	Configuration management			
	5.6	Context in use			
	5.7	Delivery of age assurance result			
6		ormance characteristics			
0	6.1	Performance effectiveness			
		6.1.1 General			
		6.1.2 Effective age assurance systems			
		6.1.3 Ineffective age assurance systems 6.1.4 Use of self-asserted age			
		6.1.5 Other factors affecting effectiveness			
	6.2	Indicators of effectiveness			
	6.3	Performance metrics			
		6.3.1 Classification accuracy	17		
		6.3.2 Primary metrics			
		6.3.3 Outcome error parity			
	C 1	6.3.4 Performance efficiency			
	6.4 6.5	Resource utilization	18 10		

7	Priva	cy characteristics	. 18		
	7.1	General	18		
	7.2	Privacy by design and default	18		
	7.3	Data minimization			
		7.3.1 Collection limitation	19		
		7.3.2 Non-disclosure of age-related data	19		
		7.3.3 Compliance with legal obligations	19		
		7.3.4 Purpose limitation	19		
		7.3.5 Access control	19		
		7.3.6 Data disposal	19		
	7.4	Avoidance of adding to digital footprint	19		
	7.5	User awareness			
	7.6	Audit logs	. 20		
8	Security characteristics2				
U	8.1	Security by design and default			
	8.2	Replay, forwarding or reuse of age assurance result	21		
	0.2	8.2.1 Replay of an age assurance result			
		8.2.2 Forwarding of an age assurance result			
		8.2.3 Planned memorization or reuse of an age assurance result			
	8.3	Resistance to attack			
		8.3.1 Preparation for attack			
		8.3.2 Attack vectors	. 22		
		8.3.3 Biometric presentation attacks			
		8.3.4 Spoofing attack	. 23		
		8.3.5 Counterfeiting attack	. 23		
	8.4	Contra indicators Tab Standards	. 23		
	8.5	Fail safe			
9	Accen	tability characteristics://standards.iteh.ai	24		
,	9.1	General	24		
	9.2	Inclusivity Daniel Dani			
	9.3	User engagement and assistance	24		
	9.4	Complaint handling			
10					
10	Practi	ice statements ISO/IEC 27566-1:2025 dGeneral/catalog/standards/iso/0b3cf86a-7453-4b6d-ba8f-50cefcad47df/iso-iec-27566-1-2	. 25		
	10.2	Practice statements by age assurance providers			
	10.3 10.4	Practice statements by relying parties Practice statements by intermediaries			
		•			
Bibliography					

Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives or www.iso.org/directives<

ISO and IEC draw attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO and IEC take no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO and IEC had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at www.iso.org/patents and https://patents.iec.ch. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see www.iso.org/iso/foreword.html. In the IEC, see www.iso.org/iso/foreword.html.

This document was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 27, *Information security, cybersecurity and privacy protection*, in collaboration with ITU-T (as ITU-T X.1901).

A list of all parts in the ISO/IEC 27566 series can be found on the ISO and IEC websites.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html and www.iso.org/members.html and www.iso.org/members.html and