# DJS ISO 27002: 2022 ICS 35.030



# NON-OBJECTION PERIOD: 14 AUGUST 2022 – 12 SEPTEMBER 2022

Manual Manu Manual Manu Manual Ma Manual Ma Manual Manua Manual M

# IMPORTANT NOTICE

Jamaican standards are subjected to periodic review. The next amendment will be sent without charge if you cut along the dotted line and return the self-addressed label. If we do not receive this label we have no record that you wish to be kept up-to-date. Our address:

Bureau of Standards Jamaica 6 Winchester Road P.O. Box 113 Kingston 10 Jamaica W.I.

(	Scut along the	line)

JS ISO 27002: 2022

NAME OR DESIGNATION
ADDRESS

# JBS CERTIFICATION MARK PROGRAMME

The general policies of the JBS Certification Mark Programme are as follows:

- The JBS provides certification services for manufacturers participating in the programme and licensed to use the gazetted JBS Certification Marks to indicate conformity with Jamaican Standards.
- Where feasible, programmes will be developed to meet special requirements of the submitter. Where applicable, certification may form the basis for acceptance by inspection authorities responsible for enforcement of regulations.
- In performing its functions in accordance with its policies, JBS will not assume or undertake any responsibility of the manufacturer or any other party.

Participants in the programme should note that in the event of failure to resolve an issue arising from interpretation of requirements, there is a formal appeal procedure.

Further information concerning the details of the JBS Certification Mark Programme may be obtained from the Bureau of Standards, 6 Winchester Road, Kingston 10.







Plant Certification Mark



Jamaica-Made Mark

Draft Jamaican Standard

Guide

for

Information security, cybersecurity and privacy protection — Information security controls

Bureau of Standards Jamaica 6 Winchester Road P.O. Box 113 Kingston 10 Jamaica W. I. Tel: (876) 926 -3140-5, (876) 618 – 1534 or (876) 632-4275 Fax: (876) 929 -4736 E-mail: <u>info@bsj.org.jm</u> Website: <u>www.bsj.org.jm</u>

Month 2022

#### © 2022 Bureau of Standards Jamaica

All rights reserved. Unless otherwise specified, no part of a Bureau of Standards publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including, photocopying microfilm or scanning, without permission in writing.

## ISBN XXX-XXX-XXXX-XX-X

Declared by the Bureau of Standards to be a standard guide pursuant to section 7 of the Standards Act 1969.

## First published Month 2022

This standard was circulated in draft form for thirty (30) days non-objection under the reference DJS ISO 27002: 2022 Jamaican Standards establish requirements in relation to commodities, processes and practices, but do not purport to include all the necessary provisions of a contract.

Amendments

The attention of those using this specification is called to the necessity of complying with any relevant legislation.

No.	Date of Issue	Remarks	Entered by and date
		CANSIE	
OF.			

# Contents

			Page
	nal fore		V
	owledge		V
Com	mittee 1	Representation	V
Fore	word		vi
Intro	duction	1	vii
1	Scope		
2	Normative references		
3	Term	s, definitions and abbreviated terms	
	3.1	Terms and definitions	
	3.2	Abbreviated terms	6
4		ture of this document	_
	4.1 4.2	Clauses	
	4.2	Themes and attributes Control layout	۵ ۵
-			
5	Orgai 5.1	nizational controls Policies for information security	
	5.2	Information security roles and responsibilities	
	5.3	Segregation of duties	
	5.4	Management responsibilities	
	5.5	Contact with authorities	
	5.6	Contact with special interest groups	
	5.7 5.8	Threat intelligence Information security in project management	
	5.9	Inventory of information and other associated assets	
	5.10	Acceptable use of information and other associated assets	
	5.11	Return of assets	
	5.12	Classification of information	
	5.13	Labelling of information	
	5.14 5.15	Information transfer Access control	
	5.16	Identity management	
	5.17	Authentication information	
	5.18	Access rights	
	5.19	Information security in supplier relationships	
	5.20 5.21	Addressing information security within supplier agreements	
	5.22	Managing information security in the ICT supply chain Monitoring, review and change management of supplier services	
	5.23	Information security for use of cloud services	
	5.24	Information security incident management planning and preparation	
	5.25	Assessment and decision on information security events	
	5.26	Response to information security incidents Learning from information security incidents	
	5.27 5.28	Collection of evidence	
	5.29	Information security during disruption	
	5.30	ICT readiness for business continuity	
	5.31	Legal, statutory, regulatory and contractual requirements	
	5.32	Intellectual property rights	
	5.33 5.34	Protection of records Privacy and protection of PII	
	5.35	Independent review of information security	
	5.36	Compliance with policies, rules and standards for information security	
	5.37	Documented operating procedures	
6	Peop	le controls	
	6.1	Screening	
	6.2	Terms and conditions of employment	

	6.3	Information security awareness, education and training		
	6.4	Disciplinary process	62	
	6.5	Responsibilities after termination or change of employment	63	
	6.6	Confidentiality or non-disclosure agreements	63	
	6.7	Remote working		
	6.8	Information security event reporting		
7	Physic	cal controls	67	
<b>'</b>	7.1	Physical security perimeters		
	7.2	Physical entry		
	7.3	Securing offices, rooms and facilities	70	
	7.4	Physical security monitoring	70	
	7.5	Protecting against physical and environmental threats	71	
	7.6	Working in secure areas	72	
	7.7	Clear desk and clear screen		
	7.8	Equipment siting and protection		
	7.9	Security of assets off-premises		
	7.10	Storage media		
	7.10	Supporting utilities		
	7.12	Cabling security		
	7.12	Equipment maintenance		
	7.13	Secure disposal or re-use of equipment		
•				
8		nological controls		
	8.1	User endpoint devices		
	8.2	Privileged access rights		
	8.3	Information access restriction		
	8.4	Access to source code		
	8.5	Secure authentication		
	8.6	Capacity management		
	8.7	Protection against malware		
	8.8	Management of technical vulnerabilities		
	8.9	Configuration management		
	8.10	Information deletion		
	8.11	Data masking		
	8.12	Data leakage prevention		
	8.13	Information backup	101	
	8.14	Redundancy of information processing facilities	102	
	8.15	Logging		
	8.16	Monitoring activities		
	8.17	Clock synchronization		
	8.18	Use of privileged utility programs		
	8.19	Installation of software on operational systems		
	8.20	Networks security	111	
	8.21	Security of network services	112	
	8.22	Segregation of networks		
	8.23	Web filtering		
	8.24	Use of cryptography		
	8.25	Secure development life cycle		
	8.26	Application security requirements		
	8.27	Secure system architecture and engineering principles		
	8.28	Secure coding		
	8.29	Security testing in development and acceptance		
	8.30	Outsourced development		
	8.31	Separation of development, test and production environments		
	8.32	Change management		
	8.33	Test information		
	8.34	Protection of information systems during audit testing	130	
Annes	A (inf	ormative) Using attributes	132	
Annex B (informative) Correspondence of ISO/IEC 27002:2022 (this document) with ISO/				
	IEC 2	27002:2013		
Bibli	iograpl	hy	_150	

#### National foreword

This standard is an adoption and is identical to ISO 27002: 2022 Information security, cybersecurity and privacy protection — Information security controls published by the International Organization for Standardization.

### Scope of the standard

This document provides a reference set of generic information security controls including implementation guidance. This document is designed to be used by organizations:

a) within the context of an information security management system (ISMS) based on ISO/IEC 27001;

b) for implementing information security controls based on internationally recognized best practices;

c) for developing organization-specific information security management guidelines.

Where the words 'International Standard' appear, referring to this standard, they should be read as 'Jamaican Standard'.

Where reference is made to informative and normative annexes the following definitions should be noted:

- Informative Annex gives additional information intended to assist in the understanding or use of the document. They do not contain requirements.
- Normative Annex gives provisions additional to those in the body of a document. They contain requirements.

Users should note that all standards undergo revision from time to time and that any reference made herein to any standard implies its latest edition, unless otherwise stated.

This standard is voluntary.

## **Committee Representation**

The adoption of this standard for the Standards Council, established under the Standards Act 1968, was carried out under the supervision of the Bureau's ISO/TC 283 Occupational Health and Safety Management National Mirror Committee which at the time comprised the following members

### Acknowledgment

Acknowledgement is made to the International Organization for Standardization (ISO) for permission to adopt ISO 27002: 2022