



EDC4 (2317) DTZS  
ISO/IEC 27014:2020

## **DRAFT TANZANIA STANDARD**

**(Draft for comments only)**

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**Information security, cybersecurity and privacy protection -  
Governance of information security**

**TANZANIA BUREAU OF STANDARDS**

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## 1 National Foreword

This draft Tanzania Standard is being prepared by the Telecommunications and Information Technology Technical Committee, under the supervision of the Electrotechnical divisional standards committee (EDC)

This draft Tanzania Standard is an adoption of the International Standard **ISO/IEC 27014:2020** Information security, cybersecurity and privacy protection - Governance of information security, which has been prepared by the International Electrotechnical Commission (IEC) and The International Organization for Standardisation (ISO)

## 2 Terminology and conventions

Some terminologies and certain conventions are not identical with those used in Tanzania standards; attention is drawn especially to the following: -

- 1) The comma has been used as a decimal marker for metric dimensions. In Tanzania Standards, it is current practice to use “full point” on the baseline as the decimal marker.
- 2) Where the words “International Standard(s)” appear, referring to this standard they should read “Tanzania Standard(s)”.

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INTERNATIONAL  
STANDARD

ISO/IEC  
27014

Second edition  
2020-12

Corrected version  
2022-04

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**Information security, cybersecurity  
and privacy protection — Governance  
of information security**

*Sécurité de l'information, cybersécurité et protection de la vie  
privée — Gouvernance de la sécurité de l'information*



Reference number  
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## 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 (see [www.iso.org/directives](http://www.iso.org/directives) or [www.iec.ch/members\\_experts/refdocs](http://www.iec.ch/members_experts/refdocs))

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)) or the IEC list of patent declarations received (see <https://patents.iec.ch>).

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](http://www.iso.org/iso/foreword.html). In the IEC, see [www.iec.ch/understanding-standards](http://www.iec.ch/understanding-standards).

This document was prepared by ITU-T as ITU-T X.1054 (04/2021) and drafted in accordance with its editorial rules, in collaboration with Joint Technical Committee ISO/IEC JTC 1, *Information technology, Subcommittee SC 27, Information security, cybersecurity and privacy protection*.

This second edition cancels and replaces the first edition (ISO/IEC 27014:2013), which has been technically revised. The main changes compared to the previous edition are as follows:

- the document has been aligned with ISO/IEC 27001:2013;
- the requirements in ISO/IEC 27001 which are governance activities have been explained;
- the objectives and processes of information security governance have been described.

This corrected version of ISO/IEC 27014:2020 incorporates the following corrections:

- the document has been editorially revised in accordance with the rules-for-presentation-ITU-T-ISO-IEC common text.

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](http://www.iso.org/members.html) and [www.iec.ch/national-committees](http://www.iec.ch/national-committees).

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**INTERNATIONAL STANDARD ISO/IEC 27014  
RECOMMENDATION ITU-T X.1054****Information security, cybersecurity and privacy  
protection – Governance of information security****Summary**

Recommendation ITU-T X.1054 | International Standard ISO/IEC 27014 provides guidance on the governance of information security.

Information security is a key issue for organizations, amplified by rapid advances in attack methodologies and technologies, and corresponding increased regulatory pressures.

The failure of an organization's information security controls can have many adverse impacts on an organization and its interested parties including but not limited to the undermining of trust.

Governance of information security is the use of resources to ensure effective implementation of information security, and provides assurance that:

- directives concerning information security will be followed; and
- the governing body will receive reliable and relevant reporting about information security related activities.

This assists the governing body to make decisions concerning the strategic objectives for the organization by providing information about information security that may affect these objectives. It also ensures that information security strategy aligns with the overall objectives of the entity.

Managers and others working in organizations need to understand:

- the governance requirements that affect their work; and
- how to meet governance requirements that require them to take action.

**History**

Edition	Recommendation	Approval	Study Group	Unique ID*
1.0	ITU-T X.1054	2012-09-07	17	<a href="http://handle.itu.int/11.1002/1000/11594">11.1002/1000/11594</a>
2.0	ITU-T X.1054	2021-04-30	17	<a href="http://handle.itu.int/11.1002/1000/14248">11.1002/1000/14248</a>

**Keywords**

Information security, information security governance, information security management, ISMS.

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\* To access the Recommendation, type the URL <http://handle.itu.int/> in the address field of your web browser, followed by the Recommendation's unique ID. For example, <http://handle.itu.int/11.1002/1000/11830-en>.



## FOREWORD

The International Telecommunication Union (ITU) is the United Nations specialized agency in the field of telecommunications, information and communication technologies (ICTs). The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of ITU. ITU-T is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

The World Telecommunication Standardization Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

## NOTE

In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

Compliance with this Recommendation is voluntary. However, the Recommendation may contain certain mandatory provisions (to ensure, e.g., interoperability or applicability) and compliance with the Recommendation is achieved when all of these mandatory provisions are met. The words "shall" or some other obligatory language such as "must" and the negative equivalents are used to express requirements. The use of such words does not suggest that compliance with the Recommendation is required of any party.

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As of the date of approval of this Recommendation, ITU had not received notice of intellectual property, protected by patents/software copyrights, which may be required to implement this Recommendation. However, implementers are cautioned that this may not represent the latest information and are therefore strongly urged to consult the appropriate ITU-T databases available via the ITU-T website at <http://www.itu.int/ITU-T/ipr/>.

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## Introduction

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ISO (the International Organization for Standardization) and IEC (the International Electro technical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of Recommendation | 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. In the field of Information security, cybersecurity and privacy protection, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

This Recommendation | International Standard has been drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of the joint technical committee is to prepare this Recommendation | International Standard. Draft Recommendation | International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75% of the national bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this Recommendation | International Standard may be the subject of patent rights. ITU, ISO or IEC shall not be held responsible for identifying any or all such patent rights.

Rec. ITU-T X.1054 | ISO/IEC 27014 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 SG17.

INTERNATIONAL  
STANDARD  
RECOMMENDATION

**Information Security, Cybersecurity  
and Privacy Protection – Governance of  
Information Security**

## 1 Scope

This Recommendation | International Standard provides guidance on concepts, objectives and processes for the governance of information security, by which organizations can evaluate, direct, monitor and communicate the information security-related processes within the organization.

The intended audience for this document is:

- governing body and top management;
- those who are responsible for evaluating, directing and monitoring an information security management system (ISMS) based on ISO/IEC 27001;
- those responsible for information security management that takes place outside the scope of an ISMS based on ISO/IEC 27001, but within the scope of governance.

This Recommendation | International Standard is applicable to all types and sizes of organizations. All references to an ISMS in this document apply to an ISMS based on ISO/IEC 27001.

This Recommendation | International Standard focuses on the three types of ISMS organizations given in Annex B. However, it can also be used by other types of organizations.

## 2 Normative references

The following Recommendations and International Standards contain provisions which, through reference in this text, constitute provisions of this Recommendation | International Standard. At the time of publication, the editions indicated were valid. All Recommendations and Standards are subject to revision, and parties to agreements based on this Recommendation | International Standard are encouraged to investigate the possibility of applying the most recent edition of the Recommendations and Standards listed below. Members of IEC and ISO maintain registers of currently valid International Standards. The Telecommunication Standardization Bureau of the ITU maintains a list of currently valid ITU-T Recommendations.

- ISO/IEC 27000:in force, *Information technology – Security techniques – Information security management systems – Overview and vocabulary.*
- ISO/IEC 27001:in force, *Information technology – Security techniques – Information security management systems – Requirements.*