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Information and operations security and integrity requirements for lottery and gaming organizations

Informations et exigences d'intégrité et de sécurité relatives aux opérations pour la loterie et l'organisation de jeux

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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 ISO documents 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).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

International Workshop Agreement IWA 17 was approved at a workshop organized by the World Lottery Association (WLA), in association with the Association française de normalisation (AFNOR), and held in Zurich, Switzerland, in September 2014.

International Workshop Agreement IWA 17 is based on WLA-SCS:2012, *WLA Security Control Standard — Lottery and Gaming Security and Integrity Standard for Operations*.

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Introduction

This International Workshop Agreement defines a security, integrity and risk management standard for use by the lottery and gaming sector and is intended to be the focal point for the sector on security and integrity issues. It is intended to assist lottery and gaming organizers around the world towards attaining a level of control in line with generally accepted practices and to make possible an increased reliance on the integrity of lottery operations.

This International Workshop Agreement describes a security management process that is aligned both with internationally recognized standards and with a common security baseline for specific aspects relating to lottery and gaming organizers, which represents good practice. It comprises a comprehensive set of requirements, controls and standards for lottery and gaming organizers, including conformity with all requirements stated in ISO/IEC 27001 for information security management systems (ISMS).

This International Workshop Agreement can also be considered as the foundation for building trust relationships with other lottery and gaming organizers, stakeholders and regulators for the purpose of conducting lottery and gaming operations or multi-jurisdictional games, and can be of substantial assistance to management by providing an independent review to build increased confidence in the security of a lottery. Compliance with this International Workshop Agreement allows a lottery and gaming organizer to ensure the integrity, availability and confidentiality of services and information vital to their secure operation.

The adoption of this International Workshop Agreement is a strategic decision for a lottery and gaming organizer. The design and implementation of the organization's Security and Integrity management systems are influenced by their specific needs, objectives, risks and security requirements, the processes employed and the size and structure of the organization. These factors and their supporting systems are expected to change over time and it is to be expected that a management system implementation will be scaled in accordance with the needs of the organization, e.g. a simple situation requires a simple Security and Integrity management system.

Compliance with this International Workshop Agreement can be used by interested internal and external parties to evaluate the security and integrity of a lottery and gaming organization.

This International Workshop Agreement is aligned with ISO/IEC 27001 and ISO 9001 to allow for consistent and integrated implementation and operation with related management system standards.

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Information and operations security and integrity requirements for lottery and gaming organizations

1 Scope

This International Workshop Agreement covers all types of lottery and gaming organizations, including commercial enterprises, government agencies and non-profit organizations. This International Workshop Agreement specifies the requirements for establishing, implementing, operating, monitoring, reviewing, maintaining and improving a documented security and integrity system within the context of the organization's overall risks. It specifies the requirements for the implementation of security and integrity controls applicable to the needs of individual organizations, so that the security and integrity management systems can be designed to ensure the selection of adequate and proportionate security and integrity controls that protect assets and give confidence to interested parties.

The requirements set out in this International Workshop Agreement are generic and are intended to be applicable to all organizations, regardless of type, size and nature.

NOTE 1 If an organization already has an operational business process management system (e.g. in relation with ISO 9001 or ISO 14001), in most cases it is advisable to satisfy the requirements of this International Workshop Agreement within the existing management system.

NOTE 2 Lottery and gaming organizers adopting this International Workshop Agreement are responsible for its correct application.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO/IEC 27001, *Information technology — Security techniques — Information security management systems — Requirements*

3 Overview

The main objective of the security and integrity approach for lottery and gaming organizations is to ensure adequate operation as well as to provide confidence.

Confidence in a lottery operation is key to retaining players and other stakeholders. Lottery and gaming organizers, therefore, need to develop and maintain a visible and documented security and integrity environment.

This International Workshop Agreement describes the requirements, control objectives and controls that are seen as best practice. A lottery and gaming organizer shall operate an information security management system that implements all requirements stated in ISO/IEC 27001, as well as the mandatory requirements and controls of this International Workshop Agreement.

This International Workshop Agreement incorporates baseline requirements and controls within the lottery and gaming organizer's overall security, integrity and risk management process, avoiding overlaps with more general security frameworks. It provides lottery and gaming security and integrity professionals with a process whereby they can formally manage, update and continuously improve their controls. Lottery and gaming organizers, therefore, need to develop and maintain a visible and documented security environment.

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