The WLA-SCS:2020
and the Framework 2020
The new frontier of lottery certification
A long journey that started in 2017

- Over the last three years, the WLA SRMC committed to evolving the Standard and develop a solid base for the next generation of the WLA security program.

- In February 2019, the SRMC meeting in Kuala Lumpur agreed the action plan, as well as a change in the SRMC structure, with the creation of Task Forces.

- The SRMC worked hard and overcame many difficulties, last but not least the pandemic, to finalize the work we are presenting here today.
The objectives

**Objective #1** QUALITY
Make sure the WLA-SCS is up to date and provides high level of assurance on lottery security and integrity with the direct involvement of stakeholder in the drafting process

**Objective #2** INCLUSIVENESS
More inclusiveness to promote the WLA-SCS as a truly international recognized standard, and attention to emerging markets to encourage and to provide opportunities towards the certification process

**Objective #3** EFFICIENCY
Improve the efficiency and quality in the administration of the WLA-SCS program

**Objective #4** AWARENESS
Improve the awareness on WLA-SCS and the cooperation with stakeholders
Today’s briefing

1. From WLA-SCS:2000 to WLA-SCS:2020
2. WLA-SCS:2020 main changes
3. Framework 2020
4. WLA-SCS Guide to Certification
5. Transition rules to WLA-SCS:2020
6. WLA-SCS:2020 in details:
   a) Changes to G (General) controls
   b) Changes to L (Lottery Operator) controls
   c) Addition of S (Lottery Technology Supplier) controls
   d) Addition of M (Multijurisdictional game) controls
   e) WLA-SCS:2020 Code of Practice
1. From WLA-SCS:2000 to WLA-SCS:2020

The Intertoto Security Standard, the grandfather of the WLA-SCS, is established.

In 1999 the WLA is founded through the merger of Intertoto and AILE. The SRMC is convened and the Inertoto Security Standard is renamed WLA Security Control Standard 2000 (WLA-SCS:2000). It contained 93 general information security controls.

The WLA-SCS:2003 introduced 12 lottery-specific controls on instant tickets, draws, retailer security, and unclaimed prize money.

From WLA-SCS:2006 forward, compliance with the ISO/IEC 27001 is made a prerequisite for the WLA-SCS certification. Lottery-specific controls are expanded to cover Internet games.

With the WLA-SCS:2012 another 18 controls for sports betting are added to the Standard.

Controls for sports betting and Internet gaming are significantly expanded with the WLA-SCS:2016. The integrity of operations makes also its appearance.

A total of 114 lottery-specific controls are coupled with 23 general information security controls.
2. WLA-SCS:2020 main changes

- Standardization and consolidation of controls
- Risk-based approach rather than prescriptive
  - General controls from 23 to 24
  - Lottery specific controls from 114 to 64
- Two new set of controls/annexes included:
  - S controls for Lottery Technology Suppliers
  - M controls for Multijurisdictional Games (initially applicable to MUSL lotteries)
3. Framework 2020

WLA-SCS:2020
Level 2

WLA-SCS:2020 + ISO/IEC 27001

only WLA-SCS:2020

WLA-SCS:2020
Level 1*

*Available only for lottery operators
For more information, the WLA office is at your disposal at:

security@world-lotteries.org
## 5. Transition rules to WLA-SCS:2020

### For new certifications 6 months
from October 2020 until April 2021

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### For certified members 2 years
from October 2020 until October 2022

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Annex A (G controls) – For all organizations

- The General controls are mandatory for all organizations certifying to WLA-SCS.
- In 2016 there were 23 general controls and in 2020 this has risen to 24 controls.
- Key changes:
  - Clarification of the required security reporting line in G.1.1.3 to remove any conflict of interest.
  - Additional G.2 HR controls around corporate wagering, personnel security, segregation of duties and staff protection.

Continue…
6. WLA-SCS:2020 in details

Annex A (G controls) – For all organizations

- Key changes:
  - Update to G.4 controls to focus on access control to the gaming systems instead of focusing on remote access as previously.
  - Introduction of a new control (G.5.3) which requires ISO/IEC 27017 compliance for cloud environments used to host gaming systems.
  - Refocusing of G.6. controls on business continuity to look at availability and resilience more widely.
In 2016 there were 114 lottery controls and in 2020 this has reduced to 64 controls.

The L controls are mandatory if applicable to the lottery operator.

Key changes include:

- Consolidation of the L.1. controls on physical instant tickets and moving the controls related to the printing and supply of physical instant tickets to the S (Supplier) controls section.

- An additional control around broadcasting / internet streaming of the draw (L.2.3.6).
Key changes include:

- Consolidation of the L.3. controls on retailer security and L.4. controls on prize payout.
- Promotion of the L.5. controls on staff protection to a G.2 control.
- Addition of a control on responsible disclosure.
- Consolidation of the L.7 controls on sports betting.
6. WLA-SCS:2020 in details

Annex C (S controls) – For lottery technology suppliers

- The S controls are mostly (but not all) new. There are 21 in total.
- The S controls are mandatory if applicable to organizations developing gaming systems.
- They are designed to strengthen the lottery supply chain where the standard was previously relatively silent.
Annex C (S controls) – For lottery technology suppliers

- The controls can be summarized as:
  - Application security controls (S.1.1).
  - Controls related to gaming system development including release process integrity checks, provision of adequate security logging, file integrity, hardware integrity, vulnerability and patch management processes and responsible disclosure (S.1.2).
  - Previous L controls related to the printing and supply of instant tickets which now reside in the S controls (S.1.3).
6. WLA-SCS:2020 in details

Annex D (M controls) – For multijurisdictional games

- The M controls are new.
- Currently they only related to games run by MUSL and enable a lottery operator to certify against WLA-SCS:2020 instead of being audited against MUSL Rule 2.
- Where a lottery sells a MUSL game the 11 controls in section M are mandatory.
6. WLA-SCS:2020 in details

Code of Practice

- The WLA-SCS:2020 will benefit from an associated set of guidance on interpretation of the controls, captured in the Code of Practice (CoP).

- The CoP is intended to be drafted as a living document.

- The first draft will be published soon by the WLA SRMC to work as a basis to capture unforeseen questions over interpretation or implementation of a control as they are identified by auditors or organizations implementing the Standard.
Have you got any questions for now?

If you have any questions later write to: security@world-lotteries.org