# GLI-31 Revision History

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## Revision History Outline

Date Released:    July 24, 2015 v1.1 *Updated to incorporate innovations and refinements for existing and novel technologies.*

Date Created:    November 16, 2012 v1.0 *Initial Release of the standard.*

## Revision 1.1

The following is a list of changes made to the GLI-31 Standard after comments were received. GLI wishes to thank all of those who commented. Nearly every comment was addressed.

### General

Various formatting was updated throughout the entire document.

References to "raffle ticket" were updated to reflect "bearer ticket" throughout the entire document.

### Notable Changes

**2.1.1** – Update indicating the method of connection for a Raffle Sales Units (RSUs) can be via either a wired or wireless connection.

**2.2.3** – Clarified to ensure that any changes made to the electronic raffle system software after the commencement of the raffle do not affect the integrity of the raffle.

**2.3.1** – Added note indicating that tickets preprinted with required information are acceptable and chances purchased for different raffle drawings by the same operator must be differentiated from each other.

**2.4.2** – Added allowances for reprinted counterfoils so long as the ability to reprint requires additional supervisor access and the system indicates the reprinted tickets as reprints.

**2.6.1 & 2.6.2** – Reorganized to accommodate the logical flow of events prior to drawing results.

**2.6.3** – Added requirements for the system handling of voided tickets.

**3.2.1 –** Added to ensure that every counterfoil sold corresponds to a unique event and identification number.

**3.2.4** – Added identification for buttons or touch points of RSU.

**3.3.1** – Added conditions for printers to produce a bearer ticket, sufficient memory space in the printer and support of a bar code format.

**3.3.2** – Added printer error conditions that should be detected and transmitted to the operator.

**4.3** - Update this section title to 'Scaling'

**4.4** - Update this section title to 'Number Selection Process'

**4.4.1** - Updated entire section removing information and note related to mechanical RNG and describing the selection for winning number.

**4.4.2** – Added to ensure no corruption to the RNG from associated equipment.

**5.2.6** - Update entire section from 'virus protection' to 'copy protection'

**5.2.7** - Added this section to clarify the use of an uninterruptible power supply.

**5.5, 5.5.1, & 5.5.2 -** Added to include counterfoil error conditions and specifications for manually disabling the printer.

**6.3.1 -** Added section "d" to clarify detection of remote access.

**6.5.1** - Removed the sentence referring to the GLI-27 Standard and added requirements for wireless communications.


## Additions & Clarifications

**2.1.1** – Added the statement, "The system must have the ability to facilitate winner selection by either manual or electronic means." to allow for either a manual or electronic winner selection process.

**2.2.2** – Clarified to ensure electronic raffle systems are capable of configuring time limits for the purchase of tickets.

**2.3.1** – Updated to ensure that more than a single chance can be included on a single bearer ticket

**2.3.3** – Clarified to ensure that a method exists for operators to easily identify voided tickets are not resold, reissued, or paid for that drawing.

**2.3.4 –** Added to accommodate tickets including preprinted information.

**2.4.1** – Clarified the requirement as applicable for manual drawings.

**2.5.1 –** Clarified that the displayed prize amount can be different than the amount in the system due to varying display mediums.

**2.6.4** – Removed reference to voided tickets as this is now covered in 2.6.3.

**2.8.1 a)** – Updated with Raffle Drawing Report.

**3.1.1** - Changed word 'raffle' to 'bearer'

**3.2.5** – Added the capability to uniquely identify and authorize each RSU used to sell tickets.

**3.4.3** – Modified recommendation for "constantly" monitoring corruption of critical memory to "made on startup"

**3.4.5** - Changed word 'utility' to 'capability'.

**4.2.1** – Changed 'Game Selection Process' with 'General Statement'

**4.2.5** – Added "between each drawing" and added verbiage for clarity to the note below.

**5.2.1 -** Added 'Physical' to title and removed verbiage and recommendations to clarify this requirement.

**5.2.2 -** Added 'Logical' to title. Clarified server's logical security and removed recommendation.

**5.2.3 -** Replaced 'physical and electronic' with 'logical'

**5.6.1** – Replaced   a) 'power reset or failure' with 'connection / disconnection'

     i) Replaced 'printer empty' with 'out of paper'

     iii) Replaced 'printer buffer overflow' with 'printer memory error'

## Deletions

**1.2.1 a)** – Removed "an ticket distribution components."

**1.3.1 b), c) & d) –** Removed definitions for Multi Event Raffle, Single Event Raffle, and Discounted Ticket(s).

**2.4.2** – Removed printer error conditions section.

**2.5.1** – Removed recommendation that the prize value not take into consideration voided tickets.

**2.6.5** – Removed recommendation for allowance of additional methods to present winning draw numbers.

**3.2.2 -** Removed recommendation for software lock up

**4.2.1** – Removed "All outcomes shall be available", "No corruption from associate equipment", and "RNG integrity Standard".

**4.3.1** - Removed "4.3.1 General Statement" and 4.3 is now section 4.2.

**4.2.6 -** Removed 'if a multi event raffle'

**4.3.7** – Removed

**Chapter 7** – This chapter was removed as the components making up these systems are commercially available.