



GLI®

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Date of Report: 17 April 2023

Issuing Laboratory: Gaming Laboratories International, LLC
600 Airport Road,
Lakewood, NJ 08701

Report Recipient: Gaming Benefits Corporation
808 Greensboro Road
High Point, NC 27260

Jurisdiction: GLI-31

Technical Standard for Testing: GLI-31: Electronic Raffle Systems, v.1.1, July 24, 2015

Software Supplier: Gaming Benefits Corporation
808 Greensboro Road
High Point, NC 27260

Submitting Party: Gaming Benefits Corporation
808 Greensboro Road
High Point, NC 27260

Product Tested: Gaming Benefits Corporation Electronic Raffle System

File Number: SY-420-GBF-23-01

Testing Result: Complies

Worldwide Locations

World Headquarters
Lakewood, New Jersey

U.S. Regional Offices
Colorado
Nevada

International Offices
GLI Africa
GLI Asia
GLI Australia Pty Ltd
GLI Austria GmbH
GLI Europe BV
GLI Italy
GLI South America



Software Product Details

GLI tested the following software during the evaluation:

System Name	System Identification	Version
Gaming Benefits Corporation Electronic Raffle System	Electronic Raffle System	2023.03

A description of the submitted software is listed below.

1. Gaming Benefits Corporation Electronic Raffle System

The correct functioning of the 'Gaming Benefits Corporation' Electronic Raffle System (hereafter GBF ERS), like other systems of this nature, is dependent on the controls employed by the system licensee to ensure correct operation of the GBF ERS.

This evaluation considered only the system software supplied by 'Gaming Benefits Corporation' and was assessed in a test environment.

The 'Gaming Benefits Corporation' ERS is comprised of multiple components which work together to manage raffle events, handle sales to customers, support winner selection processes, record event information and provide reporting functions. The GBF ERS supports 50/50, Chase the Card and Prize Raffle events. The GBF ERS includes the following software components:

1. A cloud-based server, which is the main hub providing for game setup, winner selection and reporting processes. Through the dashboard web interface, the server enables the event managers and admins to configure raffles and monitor raffle progress. The server provides ticket numbers to the online ticket sales portals and records all event information in databases. The database information is used to generate reports from current or historical raffle events.
2. The server enables winner selection using a GLI approved random number generator (RNG) solution.
3. A web sales interface where raffle patrons can purchase raffle tickets for events over the Internet. Patrons can select a variety of raffle ticket options and follow on-screen instructions to purchase them with a credit card.



For version-control of the software, GLI gathered Secure Hash Algorithm One (SHA-1) and Message Digest Five (MD5) checksums of the following software:

Description	File/Directory Name	Version	SHA-1 Checksum	MD5 Checksum
Server	\\TheLottoFactory.dll	2023.03	3D198D0A82D6943E36B7 3D6268268C8DC02D89E1	C009AC8466F4A065A D19DE69B088D96B
Server	\\TLF_RNG.dll	2023.03	541B60B4B4FBC3A9B752A A220630D46381503EF3	C8B48C9806DC7C632 9880A5B83A8806C

The software was tested in an environment consisting of the following components:

Client-Side Details	
Delivery Mechanism(s):	Desktop Web-based
Delivery Mechanism Type(s):	HTML5
Testing Details	
Browser(s) and Version(s) Tested With:	Chrome 111.0.5563.111
Operating System(s) with Version:	Windows 10 Professional

System Evaluation

GLI's Evaluation of the software included (but was not necessarily limited to) the following elements to the extent necessary to evaluate the software for compliance with the requirements in the aforementioned Technical Standards:

- Submitted Documentation Review,
- Source Code Comparison, and
- Compliance Testing of Modifications

The following requirements were considered in-scope from the aforementioned Technical Standard:

2.0 RAFFLE MANAGEMENT REQUIREMENTS

- 2.1 Introduction
 - 2.1.1 *General Statement.*
- 2.2 Raffle Configuration
 - 2.2.1 *Prize Limitations.*
 - 2.2.2 *Time Limits.*
 - 2.2.3 *Configuration Changes.*



- 2.3 Bearer Ticket Issuance
 - 2.3.1 *Bearer Tickets.*
 - 2.3.2 *Validation Numbers.*
 - 2.3.3 *Voiding a Ticket.*
- 2.4 Counterfoils
 - 2.4.1 *Counterfoils*
- 2.5 Raffle Prize Display Requirements
 - 2.5.1 *Raffle Prize Displays*
- 2.6 Raffle Drawing Requirements
 - 2.6.1 *General Statement.*
 - 2.6.2 *Closing the Raffle Purchase Period.*
 - 2.6.3 *Voided Tickets.*
 - 2.6.4 *Winner Determination.*
 - 2.6.5 *Official Drawing Results.*
- 2.7 Winning Ticket Redemption
 - 2.7.1 *Winner Verification.*
- 2.8 Electronic Accounting and Reporting
 - 2.8.1 *System Reporting Requirements.*
- 3.0 RAFFLE SALES UNIT (RSU) REQUIREMENTS
 - 3.1 Introduction
 - 3.1.1 *General Statement.*
 - 3.2 Raffle Sales Unit Operations and Security
 - 3.2.1 *General Statement.*
 - 3.2.2 *Access Controls.*
 - 3.2.4 *RSU Interface.*
 - 3.4 Critical Memory Requirements
 - 3.4.1 *Critical Memory Defined*
 - 3.4.2 *Maintenance of Critical Memory*
 - 3.4.3 *Comprehensive Checks*
 - 3.4.5 *Backup Requirements*



4.0 RANDOM NUMBER GENERATOR REQUIREMENTS

4.1 Introduction

4.1.1 General Statement.

4.4.1 Winning Number Draw

5.0 ELECTRONIC RAFFLE SYSTEM SERVERS

5.2 General Operation & Server Security

5.2.2 Logical Access Control.

5.2.4 Data Alteration.

5.2.5 Server Programming.

5.3 System Clock Requirements

5.3.1 System Clock.

5.7 Backups and Recovery

5.7.1 Storage Medium Backup.

5.7.2 Recovery Requirements.

5.8 Verification of System Software

5.8.1 General Statement.

6.0 COMMUNICATION REQUIREMENTS

6.1 Introduction

6.1.2 Communication Protocol.

6.2 System Security

6.2.1 General Statement.

6.2.2 Firewall Audit Logs.

6.3 Remote Access

6.3.2 Remote Access Auditing



Conditions of Evaluation

GLI's compliance evaluation of the software is subject to the following limitations:

- This report is only intended for recipients authorized by GLI. Please visit gaminglabs.com to view the applicable terms and conditions and GLI product certification scheme. If the recipient does not agree to all of such terms and conditions, GLI withdraws the certification or analysis established by this report and the recipient must immediately return to GLI all copies of this report and make no reference to this report for any purpose at any time.

Registration Number of Accreditation applicable to this report:	A2LA 2428.05
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- GLI's compliance evaluation of the software was related only to the technical scope of work elements discussed herein. This specifically excludes any other features or functions provided by the submission not related to these elements. Any sections of the aforementioned Technical Standards specific to the Game, Random Number Generator (RNG), or Financial Reporting were outside of the scope of this software and/or integration evaluation.
- The 'Gaming Benefits Corporation' Electronic Raffle System must be operated in a manner which complies with jurisdictional license conditions and the rules of play under which the license has been issued.
- GLI's evaluation did not include requirements from this technical standard which could not be tested remotely or which involve a specialized security audit of the controls in place around the 'Gaming Benefits Corporation' Electronic Raffle System.
- GLI generated the checksums of the files and/or directories using the methods stated below:

Verify+ by Kobetron™ - Verification Procedure for Files or Directories:

1. Open Verify+ by Kobetron™.
2. Select the 'File' or 'Directory' radio button option.
3. Select the 'Browse' button and then choose the file or the top directory for which a signature is being requested.
4. Click the "Verify" button.
5. The current file/directory being checked will be displayed in the window.
6. The program will generate the aforementioned signatures and display the results.



Subject to the limitations outlined in the Conditions of Evaluation, it is GLI's position that the evaluated elements contained within this report comply with the requirements of the applicable Technical Standard(s). Accordingly, GLI recommends the approval of the evaluated components for use within the aforementioned jurisdiction.

If you should have any questions regarding this information, please feel free to contact our office.

Sincerely,

GAMING LABORATORIES INTERNATIONAL, LLC

Christine M. Gallo

Senior Vice President, Quality and Technical Compliance