



Date of Report: 07 October 2022

Issuing Laboratory: Gaming Laboratories World Headquarters
600 Airport Road, Lakewood, NJ 08701

Report Recipient: NG Entertainment US LLC
18 Columbia Turnpike
Suite 200
Florham Park
NJ 07932

Jurisdiction: Michigan State Interactive

Technical Standards for Testing:

- Michigan Gaming Control Board - Internet Gaming Rules R432.611 - R432.676
- GLI-19 v3.0 – Interactive Gaming Systems

Software Suppliers: NG Entertainment US LLC
18 Columbia Turnpike
Suite 200
Florham Park
NJ 07932

Submitting Party: NG Entertainment US LLC
18 Columbia Turnpike
Suite 200
Florham Park
NJ 07932

Products Tested: See table on next page

File Numbers: MO-614-NG5-22-08, Update
MO-614-NG5-22-01, Update
MO-614-NG5-22-02, Update
MO-614-NG5-22-03, Update





MO-614-NG5-22-04, Update
MO-614-NG5-22-05, Update
MO-614-NG5-22-06, Update
MO-614-NG5-22-07, Update
MO-614-NG5-22-09, Update

Testing Results:

Complies



Product Details

GLI tested the following game(s) during the evaluation:

Game Name	Program ID	Server Version	Client Version	iOS Version	Config Version
1: Age of Da Vinci	Age of Da Vinci	1.1	--	--	--
2: Book of Dracula	Book of Dracula	1.1	--	--	--
3: Candy Bears Sweet Wins	Candy Bears Sweet Wins	1.1	--	--	--
4: Festival of Fortune	Festival of Fortune	1.1	--	--	--
5: Goddess of Thebes	Goddess of Thebes	1.1	--	--	--
6: Leprechaun's Bonus Galore	Leprechaun's Bonus Galore	1.1	--	--	--
7: Master of Fortune	Master of Fortune	1.1	--	--	--
8: Skulls Gone Wild	Skulls Gone Wild	1.1	--	--	--
9: Vegas Time!	Vegas Time	1.1	--	--	--



Software

A description of the submitted software is listed below.

1. **Game Name:**
Skulls Gone Wild
2. **Game Name:**
Age of Da Vinci
3. **Game Name:**
Book of Dracula
4. **Game Name:**
Candy Bears Sweet Wins
5. **Game Name:**
Leprechaun's Bonus Galore
6. **Game Name:**
Festival of Fortune
7. **Game Name:**
Goddess of Thebes
8. **Game Name:**
Master of Fortune
9. **Game Name:**
Vegas Time!

"Age of Da Vinci" is a 5-reel, 20-line online video reel game. The base game features a wild symbol and a scatter symbol. The game contains a 'Random Wild Feature', a 'Unity Feature', a 'Random Multiplier Feature', a 'Magnum Opus Feature' and a 'Bonus Pick' mode.

"Candy Bear Sweet Wins" is a 6-reel, allpay online video reel game. The base game features a wild symbol and scatter symbol. The game contains a 'Free Spins' feature, a 'Wild Spawn Feature' and a 'Sticky Win Re-Spin Feature'.

"Leprechaun's Bonus Galore" is a 5-reel, 30-line online video reel game. The base game features a wild symbol and a scatter symbol. The game contains a 'Pick Your Prize Bonus Round', and a 'Spin the Wheel Bonus Round'.

"Festival of Fortune " is a 5-reel, 15-line online video reel game. The base game features a wild symbol. The game contains a 'Mystery Replace Feature' and a 'Free Spins' feature.



"Goddess of Thebes" is a 5-reel, 10-line online video reel game. The base game features a wild symbol. The game contains a 'Free Spins' feature.

"Master of Fortune" is a 5-reel, 27-line online video reel game. The base game features a wild symbol and a scatter symbol. The game contains a 'Free Spins' feature.

"Vegas Time!" is a 5-reel, 25-line online video reel game. The base game features a wild symbol and a scatter symbol. The game contains a 'Free Spins' feature and a 'Stacked Wild Multiplier Feature'.

"Book of Dracula" is a 5-reel, 10-line online video reel game. The base game features a wild symbol and a scatter symbol. The game contains a 'Free Spins' feature, a 'Bonus Reel Respin Feature', and a 'Buy Bonus Feature'.

"Skulls Gone Wild" is a 5-reel, 10-line online video reel game. The base game contains a wild symbol. The game includes a 'Re-Spin Feature' and a 'Symbol Upgrade Feature'.

For version-control of the game, GLI gathered the following signatures:

Description	Game Name	File/Directory Name	Version
Server	Skulls Gone Wild	casino_core.lib.php	1.1
SHA-1	CB46588765DA95485EF49E47955EA45E474ED308		
MD5	AAF0DC38AC2E3EB5AC53E0B363D690E0		
Server	Skulls Gone Wild	line_wins_handler.inc.php	1.1
SHA-1	4265BFE2ACF6549D2A8C2708DDCCC26E6657D396		
MD5	139DB59FB2E231C6B31C9C26A54A7EEE		
Server	Skulls Gone Wild	paylines.php	1.1
SHA-1	40A0444B5EA9FFEA00DD5FE38B47FDF0AA49D88D		
MD5	7B3B6B8DD2AAF963EECB202BBC2512A8		
Server	Skulls Gone Wild	csprng.lib.php	1.1





Description	Game Name	File/Directory Name	Version
SHA-1	9C110C5F67D8EA4D998D71D208598831A28C22B4		
MD5	0DDFE57734E46BB3DFDCC7A138D4C266		
Server	Skulls Gone Wild	round_core.php	1.1
SHA-1	46A6C7C2393D999B2664B9BF3B46E41EBCA7D4A3		
MD5	52ED8CD4C140EC263817D12C53A965B9		
Server	Skulls Gone Wild	spin_handler.php	1.1
SHA-1	59673A8C4B8A6B7C504B5944AEBE4306A74C5560		
MD5	344764FAA52D85CBE34DA8BF4533B527		
Server	Skulls Gone Wild	post_triger_respin.inc.php	1.1
SHA-1	C6EAB41BF85C3BE5883E21A193C34915DB601FB2		
MD5	3C1D227196E43510FFCAE9A8C4477C20		
Server	Skulls Gone Wild	skulls.php	1.1
SHA-1	23307CF2F3780FDF29A2B8FCD4E91660059EE8C5		
MD5	CF5703D321BDDE4145E3B6356C05A1F1		
Server	Age of Da Vinci	ageofdavinci_bonus_game.php	1.1
SHA-1	827F8FFCE47C2922269668747D3F25721BEDBD18		
MD5	AB8B38B596CDE4DD0ED1488B95C11BF1		
Server	Age of Da Vinci	casino_core.lib.php	1.1
SHA-1	CB46588765DA95485EF49E47955EA45E474ED308		
MD5	AAF0DC38AC2E3EB5AC53E0B363D690E0		
Server	Age of Da Vinci	line_wins_handler.inc.php	1.1





Description	Game Name	File/Directory Name	Version
SHA-1	4265BFE2ACF6549D2A8C2708DDCCC26E6657D396		
MD5	139DB59FB2E231C6B31C9C26A54A7EEE		
Server	Age of Da Vinci	paylines.php	1.1
SHA-1	40A0444B5EA9FFEA00DD5FE38B47FDF0AA49D88D		
MD5	7B3B6B8DD2AAF963EECB202BBC2512A8		
Server	Age of Da Vinci	pick_bonus.inc.php	1.1
SHA-1	5A5C6DDF96FD8B7A9D6A64A1FBE853E7EBAE5D38		
MD5	C136CC239DD4104334A547079F402101		
Server	Age of Da Vinci	csprng.lib.php	1.1
SHA-1	9C110C5F67D8EA4D998D71D208598831A28C22B4		
MD5	0DDFE57734E46BB3DFDCC7A138D4C266		
Server	Age of Da Vinci	round_core.php	1.1
SHA-1	46A6C7C2393D999B2664B9BF3B46E41EBCA7D4A3		
MD5	52ED8CD4C140EC263817D12C53A965B9		
Server	Age of Da Vinci	spin_handler.php	1.1
SHA-1	59673A8C4B8A6B7C504B5944AEBE4306A74C5560		
MD5	344764FAA52D85CBE34DA8BF4533B527		
Server	Book of Dracula	casino_core.lib.php	1.1
SHA-1	CB46588765DA95485EF49E47955EA45E474ED308		
MD5	AAF0DC38AC2E3EB5AC53E0B363D690E0		
Server	Book of Dracula	line_wins_handler.inc.php	1.1





Description	Game Name	File/Directory Name	Version
SHA-1	4265BFE2ACF6549D2A8C2708DDCCC26E6657D396		
MD5	139DB59FB2E231C6B31C9C26A54A7EEE		
Server	Book of Dracula	paylines.php	1.1
SHA-1	40A0444B5EA9FFEA00DD5FE38B47FDF0AA49D88D		
MD5	7B3B6B8DD2AAF963EECB202BBC2512A8		
Server	Book of Dracula	csprng.lib.php	1.1
SHA-1	9C110C5F67D8EA4D998D71D208598831A28C22B4		
MD5	0DDFE57734E46BB3DFDCC7A138D4C266		
Server	Book of Dracula	round_core.php	1.1
SHA-1	46A6C7C2393D999B2664B9BF3B46E41EBCA7D4A3		
MD5	52ED8CD4C140EC263817D12C53A965B9		
Server	Book of Dracula	spin_handler.php	1.1
SHA-1	59673A8C4B8A6B7C504B5944AEBE4306A74C5560		
MD5	344764FAA52D85CBE34DA8BF4533B527		
Server	Book of Dracula	pick_expand_sym.php	1.1
SHA-1	05DE138ED7A264ED99BCC999986B6D81D3AC22AE		
MD5	40F106B01FC3A6637B22D99E87368148		
Server	Book of Dracula	post_expand_win.php	1.1
SHA-1	806754E9A457CAB3DA33F663FD4C69D9B6B9A962		
MD5	F647B76D0EFEE500E96517F9D709F1D1		
Server	Candy Bears Sweet	candyburst_bonus_game.php	1.1





Description	Game Name	File/Directory Name	Version
	Wins		
SHA-1	9F718A14796DE5991B60EB7D3A322CD0FB494973		
MD5	A90A49643A36D5321ABC1E0E2B5D9261		
Server	Candy Bears Sweet Wins	casino_core.lib.php	1.1
SHA-1	CB46588765DA95485EF49E47955EA45E474ED308		
MD5	AAF0DC38AC2E3EB5AC53E0B363D690E0		
Server	Candy Bears Sweet Wins	cluster.php	1.1
SHA-1	D74E2EEEE6428FD6DDDDAF9883699B4952BC9108		
MD5	6CB23E55B2AD80BC6D2259D5F4B8597E		
Server	Candy Bears Sweet Wins	csprng.lib.php	1.1
SHA-1	9C110C5F67D8EA4D998D71D208598831A28C22B4		
MD5	ODDFE57734E46BB3DFDCC7A138D4C266		
Server	Candy Bears Sweet Wins	round_core.php	1.1
SHA-1	46A6C7C2393D999B2664B9BF3B46E41EBCA7D4A3		
MD5	52ED8CD4C140EC263817D12C53A965B9		
Server	Candy Bears Sweet Wins	spin_handler.php	1.1
SHA-1	59673A8C4B8A6B7C504B5944AEBE4306A74C5560		
MD5	344764FAA52D85CBE34DA8BF4533B527		



Description	Game Name	File/Directory Name	Version
Server	Leprechaun's Bonus Galore	casino_core.lib.php	1.1
SHA-1	CB46588765DA95485EF49E47955EA45E474ED308		
MD5	AAF0DC38AC2E3EB5AC53E0B363D690E0		
Server	Leprechaun's Bonus Galore	line_wins_handler.inc.php	1.1
SHA-1	4265BFE2ACF6549D2A8C2708DDCCC26E6657D396		
MD5	139DB59FB2E231C6B31C9C26A54A7EEE		
Server	Leprechaun's Bonus Galore	paylines.php	1.1
SHA-1	40A0444B5EA9FFEA00DD5FE38B47FDF0AA49D88D		
MD5	7B3B6B8DD2AAF963EECB202BBC2512A8		
Server	Leprechaun's Bonus Galore	csprng.lib.php	1.1
SHA-1	9C110C5F67D8EA4D998D71D208598831A28C22B4		
MD5	0DDFE57734E46BB3DFDCC7A138D4C266		
Server	Leprechaun's Bonus Galore	road_bonus.inc.php	1.1
SHA-1	F097D0C31AA9520C64E519602B7738C1DF4395D6		
MD5	1DB501A121404FD9CFCCA79A0FBC3146		
Server	Leprechaun's Bonus Galore	road_bonus_game.inc.php	1.1
SHA-1	4E47F9277325C678BBFBE1CDE90F912B30094D98		





Description	Game Name	File/Directory Name	Version
MD5	6F8A2AFDFDDEE0F3BD6DC458E8090779		
Server	Leprechaun's Bonus Galore	round_core.php	1.1
SHA-1	46A6C7C2393D999B2664B9BF3B46E41EBCA7D4A3		
MD5	52ED8CD4C140EC263817D12C53A965B9		
Server	Leprechaun's Bonus Galore	spin_handler.php	1.1
SHA-1	59673A8C4B8A6B7C504B5944AEBE4306A74C5560		
MD5	344764FAA52D85CBE34DA8BF4533B527		
Server	Festival of Fortune	casino_core.lib.php	1.1
SHA-1	CB46588765DA95485EF49E47955EA45E474ED308		
MD5	AAF0DC38AC2E3EB5AC53E0B363D690E0		
Server	Festival of Fortune	line_wins_handler.inc.php	1.1
SHA-1	4265BFE2ACF6549D2A8C2708DDCCC26E6657D396		
MD5	139DB59FB2E231C6B31C9C26A54A7EEE		
Server	Festival of Fortune	paylines.php	1.1
SHA-1	40A0444B5EA9FFEA00DD5FE38B47FDF0AA49D88D		
MD5	7B3B6B8DD2AAF963EECB202BBC2512A8		
Server	Festival of Fortune	csprng.lib.php	1.1
SHA-1	9C110C5F67D8EA4D998D71D208598831A28C22B4		
MD5	ODDFE57734E46BB3DFDCC7A138D4C266		



Description	Game Name	File/Directory Name	Version
Server	Festival of Fortune	round_core.php	1.1
SHA-1	46A6C7C2393D999B2664B9BF3B46E41EBCA7D4A3		
MD5	52ED8CD4C140EC263817D12C53A965B9		
Server	Festival of Fortune	spin_handler.php	1.1
SHA-1	59673A8C4B8A6B7C504B5944AEBE4306A74C5560		
MD5	344764FAA52D85CBE34DA8BF4533B527		
Server	Festival of Fortune	post_mystery_replace.inc.php	1.1
SHA-1	265D714F1D98EEDC29DA2C022798ADE1E7D38771		
MD5	D9A9280666715CB34556B8EC85FB111A		
Server	Goddess of Thebes	casino_core.lib.php	1.1
SHA-1	CB46588765DA95485EF49E47955EA45E474ED308		
MD5	AAF0DC38AC2E3EB5AC53E0B363D690E0		
Server	Goddess of Thebes	line_wins_handler.inc.php	1.1
SHA-1	4265BFE2ACF6549D2A8C2708DDCCC26E6657D396		
MD5	139DB59FB2E231C6B31C9C26A54A7EEE		
Server	Goddess of Thebes	paylines.php	1.1
SHA-1	40A0444B5EA9FFEA00DD5FE38B47FDF0AA49D88D		
MD5	7B3B6B8DD2AAF963EECB202BBC2512A8		
Server	Goddess of Thebes	csprng.lib.php	1.1
SHA-1	9C110C5F67D8EA4D998D71D208598831A28C22B4		
MD5	ODDFE57734E46BB3DFDCC7A138D4C266		





Description	Game Name	File/Directory Name	Version
Server	Goddess of Thebes	round_core.php	1.1
SHA-1	46A6C7C2393D999B2664B9BF3B46E41EBCA7D4A3		
MD5	52ED8CD4C140EC263817D12C53A965B9		
Server	Goddess of Thebes	spin_handler.php	1.1
SHA-1	59673A8C4B8A6B7C504B5944AEBE4306A74C5560		
MD5	344764FAA52D85CBE34DA8BF4533B527		
Server	Master of Fortune	casino_core.lib.php	1.1
SHA-1	CB46588765DA95485EF49E47955EA45E474ED308		
MD5	AAF0DC38AC2E3EB5AC53E0B363D690E0		
Server	Master of Fortune	line_wins_handler.inc.php	1.1
SHA-1	4265BFE2ACF6549D2A8C2708DDCCC26E6657D396		
MD5	139DB59FB2E231C6B31C9C26A54A7EEE		
Server	Master of Fortune	paylines.php	1.1
SHA-1	40A0444B5EA9FFEA00DD5FE38B47FDF0AA49D88D		
MD5	7B3B6B8DD2AAF963EECB202BBC2512A8		
Server	Master of Fortune	csprng.lib.php	1.1
SHA-1	9C110C5F67D8EA4D998D71D208598831A28C22B4		
MD5	ODDFE57734E46BB3DFDCC7A138D4C266		
Server	Master of Fortune	round_core.php	1.1
SHA-1	46A6C7C2393D999B2664B9BF3B46E41EBCA7D4A3		
MD5	52ED8CD4C140EC263817D12C53A965B9		





Description	Game Name	File/Directory Name	Version
Server	Master of Fortune	spin_handler.php	1.1
SHA-1	59673A8C4B8A6B7C504B5944AEBE4306A74C5560		
MD5	344764FAA52D85CBE34DA8BF4533B527		
Server	Vegas Time!	casino_core.lib.php	1.1
SHA-1	CB46588765DA95485EF49E47955EA45E474ED308		
MD5	AAF0DC38AC2E3EB5AC53E0B363D690E0		
Server	Vegas Time!	line_wins_handler.inc.php	1.1
SHA-1	4265BFE2ACF6549D2A8C2708DDCCC26E6657D396		
MD5	139DB59FB2E231C6B31C9C26A54A7EEE		
Server	Vegas Time!	paylines.php	1.1
SHA-1	40A0444B5EA9FFEA00DD5FE38B47FDF0AA49D88D		
MD5	7B3B6B8DD2AAF963EECB202BBC2512A8		
Server	Vegas Time!	csprng.lib.php	1.1
SHA-1	9C110C5F67D8EA4D998D71D208598831A28C22B4		
MD5	ODDFE57734E46BB3DFDCC7A138D4C266		
Server	Vegas Time!	round_core.php	1.1
SHA-1	46A6C7C2393D999B2664B9BF3B46E41EBCA7D4A3		
MD5	52ED8CD4C140EC263817D12C53A965B9		
Server	Vegas Time!	spin_handler.php	1.1
SHA-1	59673A8C4B8A6B7C504B5944AEBE4306A74C5560		
MD5	344764FAA52D85CBE34DA8BF4533B527		





Description	Game Name	File/Directory Name	Version
Server	Vegas Time!	bonus_picks.inc.php	1.1
SHA-1	CED0A6C030251F8D42A0C2BFDB45DF787356F76A		
MD5	04908DA7E9BA46D57FCDE678D7AB998E		
Server	Vegas Time!	post_vegas_bonus.inc.php	1.1
SHA-1	06FB5E2B2A1E79B840E7CFCF9A07ED8A3D329B14		
MD5	025B62D07971EB1E8D9BE8ABE9A4A7DD		
Server	Vegas Time!	stacked_wilds.inc.php	1.1
SHA-1	C3E62DA5E2F9459FA197BE2DCFADEB66F5A69D64		
MD5	4DBC114C445ABD30280D3B816236FA80		



Game Information

GLI performed an independent calculation of the theoretical Percentage Return to Player (%RTP) values of the game and the results are listed in the table below.

Game Name	Supplier's Paytable ID	In Game RTP %	Supplier's RTP %	GLI's RTP %
Age of Da Vinci	N/A	96.51 - 96.51	96.51 - 96.51	96.51 - 96.51
Book of Dracula	N/A	95.58 - 95.58	95.58 - 95.58	95.58 - 95.58
Book of Dracula	N/A	96.11 - 96.11	96.50 - 96.50	96.11 - 96.11
Candy Bears Sweet Wins	N/A	95.54 - 95.54	95.54 - 95.54	95.54 - 95.54
Festival of Fortune	N/A	96.03 - 96.03	95.93 - 95.93	96.03 - 96.03
Goddess of Thebes	N/A	95.58 - 95.58	95.95 - 95.95	95.58 - 95.58
Leprechaun's Bonus Galore	N/A	96.12 - 96.12	96.12 - 96.12	96.12 - 96.12
Master of Fortune	N/A	95.82 - 95.82	95.79 - 95.79	95.82 - 95.82
Skulls Gone Wild	N/A	96.42 - 96.42	96.42 - 96.42	96.42 - 96.42
Vegas Time!	N/A	95.19 - 95.19	95.19 - 95.19	95.19 - 95.19

Odds of Maximum Non-Progressive Award	Explanation of Maximum Non-Progressive Award	Odds of Maximum Progressive Award	Explanation of Maximum Progressive Award
1 in 37313433	Obtain a total win of 10,000x bet in the freegames.	N/A	N/A



Notes

Updates to the previously issued report dated 25 August 2022 were made which include updating the signatures for all games as well as including the "Skulls Gone Wild" game theme. In addition, the Certification Report has been revised to reflect the latest notations.

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 Random Number Generator (RNG), Platform or Financial Reporting were outside of the scope of this software and/or integration 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
- Artwork and Game Rules Review
- Source Code Review
- Game Mathematics
- Emulation Testing
- Jurisdictional Requirements Verification
- Functionality Testing
- Artwork and Interface Testing

Player facing history is not available in the environment provided to the test lab.

GLI observed that the player's balance before and after game play is not recorded in the system due to the fact that player accounts are maintained by the Operator. The implementation of these elements will be the responsibility of the eventual Operator of this game.





Verification Procedures

GLI generated the checksums of the files and/or directories using the methods stated below:

Verify+ by Kobetron™ - Verification Procedure

1. Open Verify+ by Kobetron™
2. Select the 'File' or 'Directory' radio button
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



Test Environment

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

Client Side Details	
Delivery Mechanism(s)	Desktop Web-based, Mobile Web-based
Client Installer Package(s)	N/A
Delivery Mechanism Type(s)	HTML5
Testing Details	
Platform(s) and Version(s) Tested With	https://dev-games-betmgm.netgaming.com/games/gli/
Browser(s) and Version(s) Tested With	Google Chrome (101.0.4951.41), Safari Mobile (13)
Flash Version(s) Tested With	N/A
Operating Systems(s) With Version	iOS Mobile (13.2.3 (15E148)), Windows Enterprise (19044.1645)
Mobile Device(s)	Apple iPhone 6/7/8 (emulated)
iOS Client(s)	N/A





Registration Number of Accreditation applicable to this report:

A2LA 2428.05

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.

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,

Christine M. Gallo

Senior Vice President, Quality and Technical Compliance

