



Verification report: ITL2103106

EveryMatrix Software Ltd

**Royal Crown 2 Respins of Spearhead
Certification Report**

08 November 2021

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I. General information

No.	Description	Details						
1.	Identification	Royal Crown 2 Respins of Spearhead						
2.	Verification body issuing the certificate (test house)	iTech Labs Suite 24, 40 Montclair Ave Glen Waverley, VIC 3150, Australia URL: http://www.itechlabs.com E-mail: info@itechlabs.com						
3.	Guidelines used for testing	Malta Remote Gaming Regulations S.L.438.04 LEGAL NOTICE (L.N.) 131 of 2016 Directive 2 of 2018 - Player Protection Directive - V2 May 2021						
4.	Details of the module tested	<table><tr><th>No.</th><th>Game Name</th><th>Game Type</th></tr><tr><td>01.</td><td>Royal Crown 2 Respins of Spearhead*#</td><td>Slot</td></tr></table> <p>* HTML5 PC # HTML5 Mobile</p>	No.	Game Name	Game Type	01.	Royal Crown 2 Respins of Spearhead*#	Slot
No.	Game Name	Game Type						
01.	Royal Crown 2 Respins of Spearhead*#	Slot						
5.	Type of the module tested	Casino Games						
6.	Produced by	EveryMatrix Software Ltd Triq Elija Zammit Level 3 St. Julian's Business Centre Paceville Central Region St. Julians, Malta Contact: Mathias Larsson (mathias.larsson@spearheadstudios.com)						
7.	Licensee details	Not applicable						
8.	Date of request for verification	29 September 2021						
9.	Date of completion	08 November 2021						
10.	Results	Passed all tests, except as specified in sections VI and VII below						
11.	Other records	Royal Crown 2 Respins of Spearhead is new and has not been previously certified for Malta. The certification was conducted for PC and the following mobile devices: <ul style="list-style-type: none">• iPhone 6S (Browser: Safari)• iPad Mini 4 (Browser: Safari)• Samsung Galaxy S7 (Browser: Chrome)• Samsung Galaxy Tab 4 (Browser: Chrome)						

II. Details of hardware

No.	Description	Details
1.	Produced by	Not applicable
2.	Identification of hardware	Not applicable
3.	Features that characterize the hardware	Not applicable

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4.	Reference to verification	Not applicable
5.	Other records	Not applicable

III. Details of software components

No.	Description	Details																				
1.	Produced by	EveryMatrix Software Ltd Triq Elija Zammit Level 3 St. Julian's Business Centre Paceville Central Region St. Julians, Malta Contact: Mathias Larsson (mathias.larsson@spearheadstudios.com)																				
2.	Details of the software components	<table><tr><th>Game Name</th><th>Game Engine</th><th>Game Client Version</th></tr><tr><td>Royal Crown 2 Respins of Spearhead</td><td>86a563ec29812 b50297eb60835 c40aa6fd9bfce</td><td>v.1.0.0</td></tr></table> <table><tr><th>Game Name</th><th>File Name</th></tr><tr><td rowspan="10">Royal Crown 2 Respins of Spearhead</td><td>DefProperties.java</td></tr><tr><td>GameDefinition.java</td></tr><tr><td>Ladder.java</td></tr><tr><td>MathRoll.java</td></tr><tr><td>GambleLogic.java</td></tr><tr><td>LadderLogic.java</td></tr><tr><td>NormalLogic.java</td></tr><tr><td>MoneyLogic.java</td></tr><tr><td>ReelRollLogic.java</td></tr><tr><td>ladder_config.json</td></tr><tr><td>math_def.json</td></tr></table>	Game Name	Game Engine	Game Client Version	Royal Crown 2 Respins of Spearhead	86a563ec29812 b50297eb60835 c40aa6fd9bfce	v.1.0.0	Game Name	File Name	Royal Crown 2 Respins of Spearhead	DefProperties.java	GameDefinition.java	Ladder.java	MathRoll.java	GambleLogic.java	LadderLogic.java	NormalLogic.java	MoneyLogic.java	ReelRollLogic.java	ladder_config.json	math_def.json
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	ladder_config.json																					
math_def.json																						
3.	Features that characterise the software object	See at the end of this table ¹																				
4.	Any % RTP	See at the end of this table ²																				
5.	Reference to verification	Malta Remote Gaming Regulations S.L.438.04 LEGAL NOTICE (L.N.) 131 of 2016 Directive 2 of 2018 - Player Protection Directive - V2 May 2021																				
6.	Other records	Not applicable																				

¹ Features that characterise the software object

No.	Game Name	Game Type	Game Description	Min Bet*	Max Bet*
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1.	Royal Crown 2 Respins of Spearhead	Slot	Royal Crown 2 Respins of Spearhead is a 5x3 videoslot with 5 fixed paylines with Respins, Card Gamble and Gamble Ladder.	€ 0.05	€ 100.00
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* Verified on the test environment; may vary on production depending on the operator's configurations.

² RTP for the game

No.	Game Name	Theoretical RTP
1.	Royal Crown 2 Respins of Spearhead	95.52%

IV. Details of tests

Product identification: Royal Crown 2 Respins of Spearhead

No.	Tests Performed	Details of Tests	Results
HTML5 PC			
1.	Game rules & artwork evaluation	Evaluation of game rules and artwork was conducted to ensure that they satisfy relevant requirements in the standards and the game does work according to the game rules and artwork.	Passed
2.	Functional tests	Functional tests were conducted to verify that the game satisfies the relevant requirements in the standards.	Passed
3.	Emulation tests	Emulation tests were conducted to verify that the game payouts are in accordance with the payable and maths.	Passed
4.	Theoretical RTP	Theoretical RTP verification was conducted for the game. See section III.4 above.	Passed
5.	Source code review	Source code examination was performed on critical components of the software to ensure that the game complies with the relevant standards and that there are no unintended functionalities.	Passed
6.	Other records	None	Not applicable
HTML5 Mobile			
1.	Game rules & artwork evaluation for mobile-specific components	Evaluation of game rules and artwork was conducted for mobile-specific components to ensure that they satisfy relevant requirements in the standards and the game does work according to the game rules and artwork.	Passed
2.	Functional tests for mobile-specific components	Functional tests were conducted for mobile-specific components to ensure that they satisfy relevant requirements in the standards.	Passed
3.	Regression tests	Regression tests were conducted to verify gameplay, accuracy of balance update, game history, and to verify that the mobile version of the game is the same as the PC version.	Passed
4.	Paytable verification	Paytable verification was conducted to verify that the game payouts are in accordance with the payable.	Passed
5.	Source code review	Source code examination was performed to verify that the PC and mobile versions of the game share the same source code.	Passed



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6.	Other records	<p>Royal Crown 2 Respins of Spearhead is new and has not been previously certified for Malta.</p> <p>The certification was conducted for PC and the following mobile devices:</p> <ul style="list-style-type: none"> • iPhone 6S (Browser: Safari) • iPad Mini 4 (Browser: Safari) • Samsung Galaxy S7 (Browser: Chrome) • Samsung Galaxy Tab 4 (Browser: Chrome) 	Passed
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Note: Testing has been conducted at iTech Labs' facilities in Australia, India and Bulgaria.

V. Complete requirements met by the tests

iTech Labs has evaluated Royal Crown 2 Respins of Spearhead as per the relevant requirements in the standards.

Evaluation details are given below:

Requirements	Results
Part IX	
Part IX - 45	Comply
Part IX – 46A (1)	Superseded by: Directive 2 of 2018 - Player Protection Directive - V2 May 2021 Part VII – Return to Player - Requirement 22
Part X – Aborted and Miscarried Games	
Part X – 47.1	Comply
Part X – 47.2	Not applicable
Part X – 48	Operator responsibility
Third Schedule – Regulation 25 Technical Requirement for Gaming System	
Third Schedule – 1	
Third Schedule – 1a	Comply
Third Schedule – 1b	Comply
Third Schedule – 2	Operator responsibility
Third Schedule – 3	
Third Schedule – 3a	Covered by a separate RNG certification (REF: ITL2102249).
Third Schedule – 3b	Covered by a separate RNG certification (REF: ITL2102249).
Third Schedule – 3c	Covered by a separate RNG certification (REF: ITL2102249).
Third Schedule – 4	Comply
Third Schedule – 5	Comply
Third Schedule – 6	
Third Schedule – 6a	Comply
Third Schedule – 6b	Comply

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Third Schedule – 6c	Comply
Third Schedule – 6d	Comply
Third Schedule – 6e	Comply
Third Schedule – 6f	Comply
Third Schedule – 7	Operator responsibility
Third Schedule – 8	
Third Schedule – 8a	Operator responsibility
Third Schedule – 8b	Operator responsibility
Third Schedule – 9	
Third Schedule – 9a	Comply
Third Schedule – 9b	Comply
Third Schedule – 9c	Comply
Third Schedule – 9d	Comply
Third Schedule – 9e	Comply
Third Schedule – 9f	Comply
Third Schedule – 9g	Comply
Third Schedule – 9h	Comply
Third Schedule – 9i	Comply
Third Schedule – 10	
Third Schedule – 10a	Operator responsibility
Third Schedule – 10b	Operator responsibility
Third Schedule – 10c	Operator responsibility
Directive 2 of 2018 - Player Protection Directive V2 May 2021	
Part III – Terms and Conditions	
Part III – 7. (1)	Operator responsibility
Part III – 7. (1) (a)	Operator responsibility
Part III – 7. (2)	Comply
Part III – 8	Operator responsibility
Part VII – Return to Player	
Part VII – 22	Comply

VI. Observations

No.	Description	Remarks	Notes
1.	Part X – 48 (1) If a game is started but miscarries because of a failure of the licensee's computer operating system, the licensee shall: (a) (i) refund the amount wagered in the game to the player by crediting it to the player's account or, if the account no longer exists, by paying it to the player in an approved manner; and	EveryMatrix Software Ltd is a software provider. It is the licensee's obligation to make sure these requirements are satisfied.	Operator responsibility

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	<p>(a) (ii) if the player has an accrued credit at the time the game miscarries, credit to the player's account the monetary value of the credit or, if the account no longer exists, pay it to the player in an approved manner;</p> <p>(b) inform immediately the Authority of the circumstances of the incident;</p> <p>(c) refrain from conducting a further game if the game is likely to be affected by the same failure:</p> <p>Provided that the Authority may, by written notice to the licensee, give the licensee other directions which the Authority considers appropriate in the circumstances.</p>		
2.	<p>Third Schedule – 2</p> <p>Both the gaming and financial transactions must be congruent and secure.</p>	<p>EveryMatrix Software Ltd is a software provider.</p> <p>It is the licensee's obligation to make sure this requirement is satisfied.</p>	Operator responsibility
3.	<p>Third Schedule – 7</p> <p>All financial reports produced by the gaming system must be congruent with gaming transaction reports and conversely: Provided that all such reports shall be readily and freely available to the Authority.</p>	<p>EveryMatrix Software Ltd is a software provider.</p> <p>It is the licensee's obligation to make sure this requirement is satisfied.</p>	Operator responsibility
4.	<p>Third Schedule – 8</p> <p>The gaming system must:</p> <p>(a) be capable of producing monthly auditable and aggregate financial statements of gaming transactions, and</p> <p>(b) calculate accurately all taxation and other monies due to the Authority.</p>	<p>EveryMatrix Software Ltd is a software provider.</p> <p>It is the licensee's obligation to make sure these requirements are satisfied.</p>	Operator responsibility
5.	<p>Third Schedule – 10</p> <p>The gaming system must maintain information about significant events as follows:</p> <p>(a) large wins;</p> <p>(b) transfers of funds in excess of such amount as the Authority may from time to time direct by notice in writing to the operator;</p> <p>(c) changes made by the operator to game parameters.</p>	<p>EveryMatrix Software Ltd is a software provider.</p> <p>It is the licensee's obligation to make sure these requirements are satisfied.</p>	Operator responsibility
6.	<p>The game autospins, minimum and maximum bets, languages, currency and bet sizes ("Configuration").</p>	<p>EveryMatrix Software Ltd is a software provider providing games with Configuration.</p> <p>The game has been tested with subset of Configuration, and it is the licensee's obligation to make sure all Configurations are satisfied.</p>	Operator responsibility



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VII. Conditions

Before the game is released to production, all licensee-responsibility items listed under **VI. Observations** must be satisfied by the licensee.

VIII. Final declaration and conformity

No.	Description	Details
1.	Certification	Date of certification: 08 November 2021 Software provider: EveryMatrix Software Ltd Licensee name: N/A Licensee site URLs: N/A Total number of pages: 8 iTech Labs certifies that Royal Crown 2 Respins of Spearhead complies with Malta Remote Gaming Regulations S.L.438.04 for the requirements listed in section V above. iTech Labs recommends that Royal Crown 2 Respins of Spearhead be approved for deployment.

Signatures:

 Alvin Rizaldi Senior Consultant iTech Labs 08 November 2021	 Kiren Sreekumar Principal Consultant iTech Labs 08 November 2021
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IX. Conclusion

While it is not possible to test all possible scenarios in a laboratory environment, iTech Labs has conducted a level of testing appropriate for a submission of this type.
Accordingly, subject to the above comments, iTech Labs certifies that the items under test comply with the relevant Technical Standards, unless otherwise stated.