



Certification Report: ITL2101931

N°	Description	Details
4.	RNG build number	1
5.	Superseded RNG	The RNG has not been previously certified.
6.	RNG algorithm	Fortuna
7.	Period of algorithm	Indeterminate (not expected to repeat due to the continuous addition of entropy into the system).
8.	Dimension of numbers from algorithm	32 bits
9.	Seeding	Seeded using SHA512 of system time in milliseconds.
10.	Reseeding	Reseeded periodically as part of the Fortuna algorithm (no adverse effect on RNG randomness).
11.	Library name and version	The RNG uses the library "javascript-fortuna" from the nodejs npm repository " https://www.npmjs.com/package/javascript-fortuna ". Hence this RNG certification is restricted to nodejs npm repository version 1.0.10.
12.	Operating system	Linux
13.	Environmental particulars	Platform supplier hosting the RNG: AceHigh Private Limited Platform version hosting the RNG: N/A
14.	Files and SHA-1 hashes	Refer to Section 2.3 Critical Components of RNG Table 1 and Table 2 below for the list hashes of source code files and binaries (if applicable) of the RNG.

2.2.2 Hardware Details

Not Applicable, software RNG.

2.3 Critical Components of RNG

Table 1: SHA-1 Signature of RNG source files

File Name	Size (bytes)	SHA-1
Game/Texas/Entities/Deck.js	1,906	3b4b109abe3ad5b15a6bd42922754adf75a6b323
Game/Omaha/Entities/Deck.js	1,906	3b4b109abe3ad5b15a6bd42922754adf75a6b323

Table 2: SHA-1 Signature of executables

File Name	Size (bytes)	SHA-1
Game/Texas/Entities/Deck.js	1,906	3b4b109abe3ad5b15a6bd42922754adf75a6b323
Game/Omaha/Entities/Deck.js	1,906	3b4b109abe3ad5b15a6bd42922754adf75a6b323

2.4 Scope of Testing

N°	Description	Details
1.	Vendor supplied output testing	Not Applicable
2.	Test Laboratory generated output from vendor supplied source	Source files were compiled by iTech Labs. Refer to Section 2.3 Critical Components of RNG.