



## **Random Number Generator Certificate**

**Operator:** PINWIN ltd

**Operator URL:** [www.bitcoinpenguin.com](http://www.bitcoinpenguin.com)

**Software provider:** SoftSwiss

This is to certify that iTech Labs has evaluated the Random Number Generator (RNG) used by Softswiss and found that the RNG complies with the relevant standards.\*

The RNG uses a well known algorithm to generate random numbers. The numbers generated by this RNG have passed Marsaglia's "diehard" tests for statistical randomness.

iTech Labs has also evaluated the shuffling tests for card games and scaling tests for roulette, dice and slot games. The tests were conducted on large enough samples to give the calculations sufficient statistical power.

iTech Labs has found that the card and number sequences are unpredictable, non-repeatable and uniformly distributed.

The certified code for the RNG has been fingerprinted.

Click here to view the [Original](#) iTech Labs Certificate.

**Signed:**

A handwritten signature in black ink, appearing to read "Ian Manning".

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**Ian Manning**  
**Principal Consultant**  
**iTech Labs Australia**

26 June 2014

\* The RNG was tested according to Malta Lotteries & Gaming Authority standards.

Disclaimer.

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 component test of this type.