



Random Number Generator Certificate

Operator: Cyberneedle N.V

URL: www.youspades.com

This is to certify that [iTech Labs](http://www.itechlabs.com) has evaluated the Random Number Generator (RNG) used for all games in the CTXM Gaming System and found that the RNG complies with the relevant standards*.

The CTXM games use a widely recognized algorithm to generate the random numbers. The numbers generated by this RNG have passed Marsaglia's "diehard" tests for statistical randomness.

iTech Labs has evaluated the shuffling of the cards for all card games. Chi-squared tests were applied to over 8 million shuffled decks in 1 deck, 4 decks, 6 decks and 8 decks formats using 0-2 jokers. The tests were applied to suits 1-4, ranks 1-13 and cards 1-52. iTech Labs has found that the card sequences are unpredictable and non-repeatable.

iTech labs has applied Chi-squared tests to scaled numbers for all non-cards games (roulette games, slot games, dice games and miscellaneous ranges for the XG games). These tests have indicated statistical randomness.

Chi-squared tests were conducted for the following games:

Game type	Game name
Baccarat	Baccarat
Blackjack	Blackjack
Blackjack	Blackjack Surrender
Card game	Card Wars
Craps	Craps
Poker	Caribbean Poker
Poker	Casino Hold 'Em
Poker	LetEmRide
Poker	Poker Three
Roulette	American Roulette
Roulette	European Roulette
Video slots	Aztec Slots
Video slots	Mystic Video Slots
Video slots	Party Night Slots
Video slots	Olympic Slots
Classic slots	Mexican Slots
Classic Slots	Pirate Slots
Video Poker	Deuces Wild
Video Poker	Deuces Wild 4 line
Video Poker	Jacks or Better
Video Poker	Joker Wild
XG Games	Jackpot7
XG Games	Bonus Cards
XG Games	Instant Lotto
XG Games	Penalty Shootout
XG Games	Soccer Shot
XG Games	Rollup

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XG Games	Potshot
XG Games	Greyhounds Park
XG Games	Derby
XG Games	Wheel of Fortune

The tests conducted for the above games were limited to correct use of the RNG.

The certified code for the RNG has been fingerprinted.

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

Signed:

A handwritten signature in black ink, appearing to read "G. Y. Nicoll".

Geoff Nicoll
Principal Consultant
iTech Labs Australia

Date: October 31, 2007

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1. AGCC standards are available at <http://www.gamblingcontrol.org/>
2. A high level description of iTech Labs Technical Standards is available at http://www.itechlabs.com.au/gaming/iTech_Labs_IGS_Standards.pdf

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.