SECRETS OF ATLANTIS

Game Type: Video Slot Game

Return to Player: 97.1%

Submerge yourself in the underwater world of Secrets of Atlantis, the latest game by NetEnt™!

This aquatic game tells the ancient tale of the elusive city of Atlantis, featuring all kinds of sea creatures and a mysterious mermaid. Secrets of Atlantis is a 5-reel, 4-row, 40-line (fixed) video slot with a Highlight feature, Nudge Wilds, Colossal symbols Re-Spins, and Win Both Ways.

So get ready for a great underwater adventure and spin to see which Secrets of Atlantis you can reveal!

NETENT

ABOUT SECRETS OF ATLANTIS™

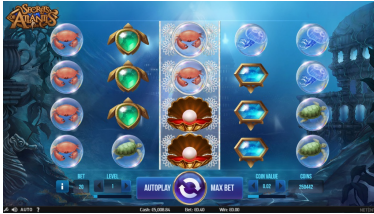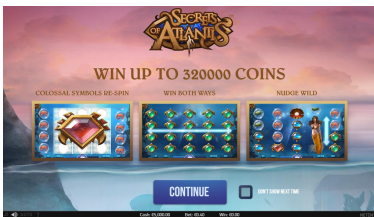| GENERAL INFORMATION	
Game Type	Video Slot Game
Reel Type	Spinning Reels
Reels, Lines	5 reels, 4 rows, 40 bet lines (fixed)
Default Bet Levels	1 - 10
Default Coin Values (€)	0.01, 0.02, 0.05, 0.1, 0.2, 0.5, 1
Default Min / Max Bet (€)	0.2 / 200
Minimum Free Round Values (Please check your current free round values)	Bet level 1, 40 bet lines, €0.01 coin value (cost €0.2)
GAME FEATURES	
	• Highlight feature • Nudge Wilds • Colossal symbols Re-Spins • Win Both Ways
PAYOUT	
Return to Player	97.1%
Default Maximum Win	€4 000 / 4 000 coins – on a single bet line
Hit Frequency	22.9%
RESPONSIBLE GAMING	
Player Limits	• Player and casino operator can set the following play limits: Bet & loss per session, day, week or month. Block all play for a specified period of time. Restrict session play length in minutes. • Playing for real is restricted by player account funds (i.e. cannot play for credit). • (Italy jurisdiction only) Player can initially have a maximum of 1.000 € in the wallet. Since each game is a user session, the player's wallet may exceed this limit during play.
Other	• Play for Fun • Variable coin values • Variable bet levels • G4 mode
TECHNICAL INFORMATION	
Game ID	highlights_not_mobile (basic wallet) highlights_not_mobile_sw (seamless wallet)
Display Resolution	1280 x 720
Aspect Ratio	16:9
Technology	HTML5
Deployment	Refer to CasinoModule Help for information about launching CasinoModule games.

GAME DESIGN

Secrets of Atlantis graphics

Game Theme and Graphics

Secrets of Atlantis is an aquatic game that tells the story of the long lost city of Atlantis where all kinds of sea creatures live and a mysterious mermaid.

Secrets of Atlantis has a soothing soundtrack that will appeal to the players and is packed with some great features: Nudge Wilds, Colossal symbols Re-Spins, Win Both Ways, and the Highlight feature.

Secrets of Atlantis is one of the few games where the player can Win Both Ways, while the mysterious mermaid is a Nudge Wild that will always cover the entire reel. The Highlight feature randomly highlights positions during every spin, activating a Colossal symbols Re-Spin once reels 2, 3 and 4 are completely covered!

Splash screen

Main Game

Players can select the coin value and bet level before starting the game round.

Game actions

. The buttons on the key pad perform the following different game actions:

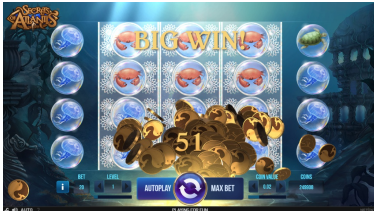|	
	Clicking the left and right arrows increases and decreases the bet level (i.e. number of coins per bet line) by 1. To increase or decrease faster, the player can click and drag the slider below.
	Clicking the Spin button starts a game round at the current bet level and coin value.
	MAX BET plays the game at the highest bet level and the current coin value.
	Clicking the left and right arrows increases and decreases the coin value to the next level.
	Clicking AUTOPLAY automatically plays the game for the selected number of rounds.

Highlight Feature

Highlight Feature

● During every spin, the Highlight feature can randomly highlight symbols on reels 2, 3 and 4.
● If all the symbols on reels 2, 3 and 4 are highlighted, a Colossal symbols Re-Spin is activated.
● During a Colossal symbol Re-Spin, reels 2, 3 and 4 transform into one reel with Colossal symbols.
● A Colossal symbol is a symbol block of 3x4 symbols and can appear in Colossal symbols Re-Spins only.
● If the reel with the Colossal symbols is fully highlighted, an additional Colossal symbols Re-Spin is activated.

Nudge Wild

Nudge Wild

● Nudge Wilds may be fully or partially displayed depending on how the reel lands.
● If only part of the Nudge Wild appears, the Nudge Wild is nudged up or down covering the whole reel.
● When a Colossal Stacked Wild lands partially on the reels during a Colossal symbols Re-Spin, the Colossal Stacked Wild is nudged up or down covering the whole reel.

Big Win

Bet Lines

PAYOUT

Payout Summary

GAME RETURN TO PLAYER (RTP)

- RTP Total: 97.07%
- RTP Base: 64.48%
- RTP Re-Spin: 32.58%

HIT FREQUENCY

- Hit frequency: 22.90%
- Re-Spin hit frequency: 2.99%

MAXIMUM PAYOUT

- Main Game: €4 000 / 4 000 coins - on a single bet line
- Main Game: €320 000 / 320 000 coins - max coinciding win
- Re-Spin: €4 000 / 4 000 coins -
- Re-Spin: €320 000 / 320 000 coins - max win in feature

Note: The maximum win of a game round may be higher than the maximum coinciding win, since a game round may include several spins.

PAYOUT RULES IN MAIN GAME

- Bet line wins pay when in succession from both leftmost to right and rightmost to left.
- A bet line win in coins is equal to the value shown in the paytable multiplied by the bet level.
- A bet line win in currency is equal to the win in coins multiplied by the coin value.
- Bet level is the number of coins bet per 2 bet lines.
- Only the highest win per active bet line from both ways is paid.
- Simultaneous wins on different bet lines are added.
- All coin wins pay on bet lines only.

PAYOUT RULES IN COLOSSAL SYMBOLS RE-SPINS

- If all the symbols on reels 2, 3 and 4 are highlighted, a Colossal symbols Re-Spin is activated.
- During a Colossal symbol Re-Spin, reels 2, 3 and 4 transform into one reel with Colossal symbols.
- A Colossal symbol is a symbol block of 3x4 symbols and can appear in Colossal symbols Re-Spins only.
- If the reel with the Colossal symbols is fully highlighted, an additional Colossal symbols Re-Spin is activated.
- Colossal symbols Re-Spins ends when the reel with the Colossal symbols is not fully highlighted after a Colossal symbols Re-Spin.
- At the end of Colossal symbols Re-Spins, the total win from the Colossal symbols Re-Spins is added to any wins from the round that activated the Colossal symbols Re-Spins.
- Colossal symbols Re-Spins are played at the same bet level and coin value as the spin that activated Colossal symbols Re-Spins.

Paytable

Paytable page 1

Paytable page 2

Paytable page 3

Paytable page 4

PAYTABLE

SYMBOL PAYOUT VALUES

	5	15
	4	6
	3	3

Only the highest win per active bet line from both ways is paid. Bet line wins pay when in succession from both leftmost to right and rightmost to left. Malfunction voids all pays and plays. For more information, see the Game Rules. The coin payout values are based on bet level 1.

BET	LEVEL		COIN VALUE	COINS
20	1	AUTOPLAY MAX BET	0.02	250000

AUTO ?   Cash: €5,000.00   Bet: €0.40   Win: €0.00   NETENT

Paytable page 5

ADDITIONAL INFORMATION

Randomisation

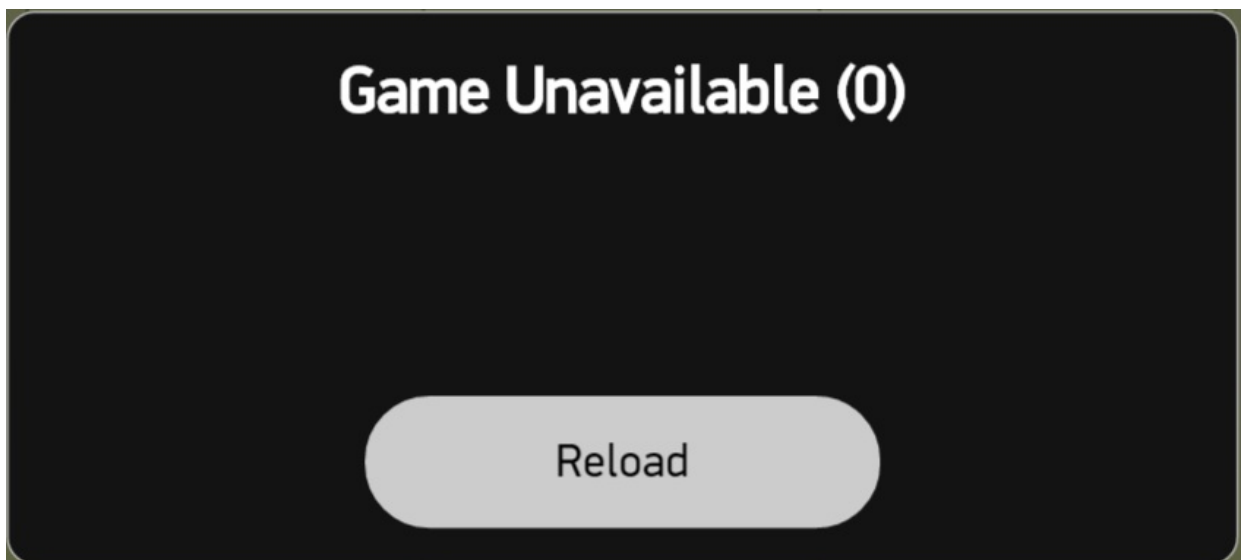#### Random Number Generator (RNG)

The algorithm used for random number generation (RNG) is Fortuna, a cryptographically secure pseudorandom number generator (PRNG) devised by Bruce Schneier and Niels Ferguson. For more information, see the document Random Number Generation.

The Random Number Generator and its implementation has been tested and approved/certified for randomness according to prevailing industry standards by an accredited, independent, 3rd party test facility.
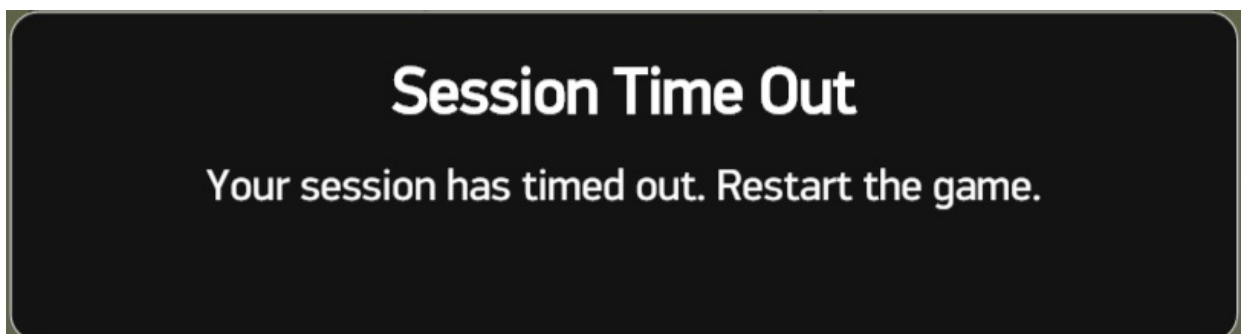
Malfunction Management

If a player attempts to access a game using an invalidated session, (for example, due to inactivity or system restart) an error message is displayed in the game. The player can then log on again and resume game play. The game state is always stored so the player can resume game play exactly where he or she left off.
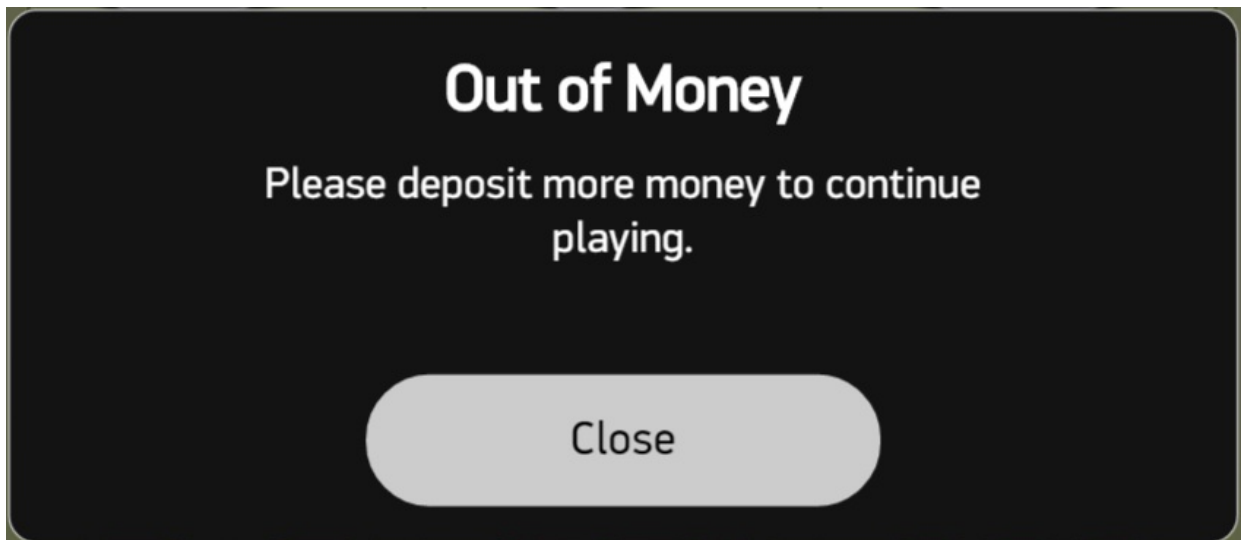
In case of an HTTP error, network timeout or server error a "technical error" message will be displayed to the player and the game will stay in an "unavailable" state until the player reloads the game at a time when the game becomes available.

If a session times out, a "session timeout" message will be displayed to the player and the game will stay in an "unavailable" state until the player reloads the game.

In case of an "out of money" event, an "out of money" message will be displayed to the player and the game will stay in an "unavailable" state until the player reloads the game.

(Italy jurisdiction only) Further information on management of malfunctions is also described in section 3.2.1 of the Gaming Platform (Progetto Della Piattaforma Di Gioco) document. This document provides details on how a player is informed of balance return payments and the technical process.

Information regarding session timeouts and malfunctions is provided to the player via the game rules. Specifically, the player is informed that "In the event of malfunction of the gaming hardware/software, all affected game bets and payouts are rendered void and all affected bets refunded."

Information to the Player

Players receive a response required message every hour of continuous play: They cannot continue playing unless they respond to the message which provides them with details about the amount bet and won so far during game play.

Players also have access to their game session history and game rules from within the game at all times.

Game Simulation

A demo version of the game is available at http://www.netent.com/games/

DOCUMENT VERSION HISTORY

VERSION	WHEN	WHAT
1.1	2017-11-28	Updated the decimal points for RTP in line with the certificates.
1.0	2016-07-06	First version.