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The Technology Behind Online Slots

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Online gambling is becoming increasingly popular, as more of us than ever are enjoying slots and casino games. The industry can get a bad reputation, and there's a lot to be said about responsible gambling and further regulation, but we're not here to debate. We're here to go behind the scenes and take a look at the smart technology involved in online slots.

Technology and Software Giants

Behind all online slots and games are several large software and tech companies. Some of the biggest names in the industry include the likes of Netent, Microgaming and PlayTech, but there are also several smaller companies.

These companies don't just create the imagery and develop the gameplay experience, they also implement their own algorithms and random number generators that power the entire thing. Each game typically has its own return to player (RTP) percentage, ranging from 95% to 99%, and varies in volatility and frequency of payouts.

Random Number Generators

Every single online slot runs on a random number generator (RNG), making every single spin completely unique. The latest spin doesn't know about the last spins, and doesn't know what's going to happen next.

This technology means that online slots are completely random, as frustrating as they may seem at times. You have the same chance of landing a bonus round on two back to back spins as you do of not landing one in hundreds of spins – none of this is predetermined.

Volatility of Online Slots

There are a few choices that will impact gameplay, the biggest being the volatility of the game you chose to play. Both volatility and RTP are published and visible for players to see, so there's no secrets involved.

Low volatility slots will see you win more frequently, but typically lower amounts. A higher volatility slot may be harder work to land a win, but you'll find they're bigger wins, particularly from bonus rounds.

So it completely depends on what you're looking for. If you're a low stakes player, that just enjoys the game, low volatility slots will keep the fun going. If you're a more serious player, spending more and aiming for a good win, high volatility slots would suit you better.

We hope that this article has provided a little more clarity on online slots, the technology behind them and how it all works. If you're looking for a new online casino to play at, [click here](#) to visit Casivo and see a full comparison of the newest casino sites.

Photo by John Schnobrich on Unsplash

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