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1. PAYMENT SERVICE PROVIDERS

Ortiz Gaming has established strategic partnerships with leading companies in digital payment solutions to ensure the security, speed, and efficiency of financial transactions conducted on our platform. The Payment Service Providers, enabling and managing Pix transactions on Ortiz Gaming's platform. This allows players to perform deposit and withdrawal operations quickly and securely.

Currently, we rely on the following key providers to optimize the processing of deposits and withdrawals:

- **PagStar:** A company specialized in digital payment solutions with a strong focus on Pix transactions, PagStar provides a modern and secure platform for payment automation and simplified financial management. Through its integration API, PagStar facilitates the efficient processing of transactions, offering control tools that optimize the experience for both the company and our players.
- **S3 Bank:** Specializing in digital payment solutions, S3 Bank offers a secure and scalable platform for the integration and processing of Pix transactions, enabling players to make deposits and withdrawals quickly and safely.

These partnerships are crucial to ensuring that all financial transactions on Ortiz Gaming's platform are processed with the highest level of integrity, security, and compliance with regulatory guidelines, reinforcing our commitment to a transparent and trustworthy gaming environment.

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2. SOFTWARE STRUCTURE

2.1. Overview of the Architecture

Our system is modular and highly interconnected, ensuring high availability, performance, and integration capacity. It is logically divided into interface layers, business logic (backend), and data storage, complemented by essential external integrations.

2.2. Main Functionalities and Architectural Support

The architecture detailed in the diagram supports the following key functionalities:

Complete Game Management: Operators control the portfolio via Admin, while RGS execute and track game logic, persisting data in MySQL and Mongo.

Smooth Gaming Experience: Players access games via Lobby Web and interact with titles developed in Godot and Phaser 2, benefiting from Redis agility and RGS robustness.

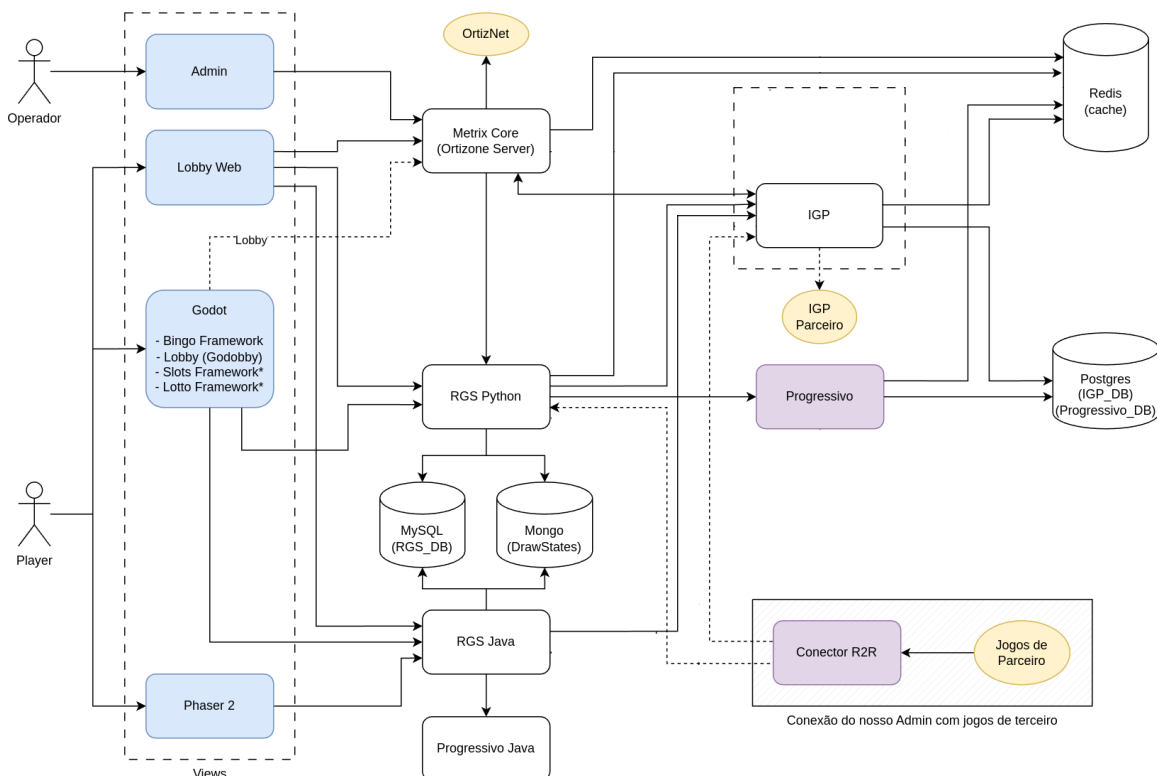
Integration with Partners: IGP facilitates seamless integration with IGP Partners, expanding options for players and the company's reach.

Jackpot Management: The Progressive component ensures correct accumulation and payment of jackpots, with secure and auditable data in Postgres.

Monitoring and Operational Control: Admin provides Operators with the necessary tools to monitor system status and activities, with Metrix Core centralizing information.

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2.3. OVERVIEW DIAGRAM



2.4. OVERVIEW

a) Interface Layer (Views)

This layer is the entry point for direct interaction with users, whether they are platform operators or players:

Admin: A web interface dedicated to Operators to manage the system, configurations, and view data.

Lobby Web: The main environment where Players view and select available games.

Godot & Phaser 2: Technologies that bring games to life, providing a visual and interactive experience for Players.

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b) **System Core (Backend)**

Here lies the "brain" of the operation, where most of the business logic and data processing occur:

Metrix Core (Ortizone Server): Orchestrates communication between interfaces, game engines, and external systems, managing sessions and authentications.

RGS Python & RGS Java (Remote Game Servers): The engines that execute the fundamental logic of games, processing Player actions, calculating results, and managing transactions (bets, wins).

IGP (Integration Gateway Platform): Acts as a bridge for secure and efficient integration with external IGP Partner systems.

Progressive: A specialized component for managing progressive jackpots, ensuring accumulation and security of values.

c) **Data Storage**

Data security and integrity are our top priority, with strategic use of different types of databases:

MySQL (RGS_DB): Stores essential game and transaction information.

Mongo (DrawStates): Ideal for recording complex and dynamic game round states.

Postgres (IGP_DB, Progressive_DB): Stores platform integration data and all information related to jackpots.

Redis (cache): Accelerates the system by storing frequently accessed data, optimizing response speed.

d) **External Integrations**

Our system is designed to interact efficiently with the broader gaming ecosystem:

OrtizNet: Ortiz central Business Intelligence Platform, that provides accounting and analysis tools

IGP Partner: Direct integration with other partners' platforms via IGP Connectors, expanding our capabilities.

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3. RNG

In compliance with the certification standards of the Curaçao Gaming Authority (CGA), the certification document RN-120-ORT-14-01, issued by GLI (Gaming Laboratories International) on 11/07/2014, validates the integrity of the games offered by Ortiz Gaming.

The importance of certification for game testing and Random Number Generators (RNG) is highlighted, as required by regulatory compliance standards. Ortiz Gaming is committed to demonstrating that the logic of all games and the RNG used on its platform have been rigorously tested and certified by internationally accredited independent laboratories, such as GLI (Gaming Laboratories International). This process guarantees fairness, randomness, and integrity across all gaming products.

4. INDEPENDENT AUDITS & TESTING

Ortiz Gaming is firmly committed to transparency, fairness, and ongoing regulatory compliance by implementing a rigorous program of independent audits and regular testing. This program ensures that all operations, systems, and games maintain the highest standards of integrity and function as expected and regulated.

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Internal RNG Integrity Testing

In addition to all external validations, Ortiz Gaming conducts annual, in-depth internal tests on the integrity of its Random Number Generator (RNG). These tests are carried out by our specialized technical team using recognized methodologies to ensure that the RNG continues to operate fairly, unpredictably, and randomly, maintaining players' trust in our games.

Additional Testing for Market Certifications

Recognizing the need to meet diverse global regulatory requirements, additional tests are conducted by independent international laboratories as needed. This process is essential to obtain and maintain the specific certifications required by different markets and jurisdictions, facilitating expansion and compliance in multiple regions.

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Current RNG Certifications

The integrity of our RNG is validated by internationally recognized laboratories known for their expertise and rigor in testing gaming and betting systems. Currently, our RNG holds valid certifications from entities such as GLI (Gaming Laboratories International), Quinel, and Force, confirming the randomness and fairness of the outcomes in our games.

Periodic Independent Audits

Annual Financial Audits: Ortiz Gaming undergoes comprehensive annual financial audits conducted by independent external auditors. These audits ensure compliance with applicable accounting standards and promote the company's financial transparency to regulators and stakeholders.

Game Software Testing (RNG): Ongoing testing of game software, with a special focus on RNG operations, is regularly performed by independent entities. The goal is to verify the continued fairness and randomness, which are critical elements for player experience and platform integrity.

Inspections and Certifications Required by the CGA: Ortiz Gaming is fully prepared to cooperate with any inspections, audits, or periodic certifications required by the Curaçao Gaming Authority (CGA). These are considered inherent conditions of our operating license, and the company is committed to providing all necessary documentation and access for such regulatory verifications.