

NMQ iGaming Suite v5.5 Enterprise Manual

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                        NO MORE QUIET TECH HOLDING
                [ PREMIUM DARK CYBERPUNK B2B TECHNICAL SPECIFICATIONS ]
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CORE INFRASTRUCTURE: W:\ Drive Local PostgreSQL (Port 5433) & Docker
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DOCUMENT 1: NMQ_iGaming_Suite_v5.5_Enterprise_Manual.txt
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[ STAGE: PRODUCTION RELEASE v5.5 ]
[ THEME: DEEP CHARCOAL / NEON CYAN ACCENTS ]
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1. SYSTEM OVERVIEW & ARCHITECTURE

The NoMoreQuiet iGaming Suite v5.5 is an elite, turnkey software infrastructure architected for the high-throughput global B2B iGaming market. The platform utilizes completely decoupled micro-SaaS modules communicating in real-time via secured server-to-server (S2S) channels. This tactical design fully isolates client-facing frontends from the underlying database attribution networks.

Unlike legacy platforms that strain operators through high Gross Gaming Revenue (GGR) percentages, this suite operates entirely on a private licensing and fixed SaaS model, granting the operator absolute margin control and operational autonomy.

2. MODULE 1: THE WHITE-LABEL CASINO ENGINE (Port 3001)

Powered by an optimized, high-performance Node.js / Express backend, the casino module serves native frontend layers. It completely bypasses bloated third-party wrappers, executing all graphics rendering via pure HTML5 Canvas and hardware-accelerated CSS to maximize mobile and desktop user retention.

A. Games Catalog & Core Mechanics (5 arcade modules + 4 slot skins):

- Premium Slot Matrix (5x3 Grid): One slot engine with four white-label skins – Olympus, Pharaohs, Classic 777, and Sweet Candy. Implements an advanced 20-payline scanning router (horizontal, diagonal, zigzag lines). Features random multipliers, scatter triggers granting 10 Free Spins with a cumulative global multiplier ledger, and an instant "Bonus Buy" routing script priced at 100x baseline bet.
- Crash Arena: An exponential multiplier system inspired by modern multiplayer formats. The UI handles dynamic canvas scaling along the X/Y axes while the server calculates mathematical cash-out collision boundaries before every round.
- Plinko Arena: A physics-simulated peg-board engine supporting massive concurrent ball drops without UI rendering lag. Outcomes map to edge bins with mathematical volatility scaling up to 1000x for high-risk profiles.
- Mines Grid: Provably fair tile-reveal instant game with configurable mine density, cash-out ladder, and session risk profiles.
- Roulette: European wheel instant table with neon cyberpunk UI, straight-up and outside bets, and SHA-256 verified round outcomes.

B. Cryptographic Provably Fair RNG Core:

Every spin and round is cryptographically secured. Before a round starts, the server publishes an encrypted SHA-256 seed hash. The user client provides a client seed, and the server increments a nonce. The final outcome is deterministically mapped using the equation:

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=> Hash = SHA256(Server_Seed + ":" + Client_Seed + ":" + Nonce)
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This open verification loop guarantees that the house cannot manipulate raw outcomes, while maintaining an immutable long-term Return to Player (RTP) baseline fixed at 96.5%.

3. MODULE 2: MULTI-TENANT B2B AFFILIATE TRACKER (Port 4101)

The data backbone of the system. It processes, attributes, and tracks real-time traffic events generated by external streaming networks, influencers, and marketing networks.

A. Multi-Tenant Architecture (B2B SaaS Engine):

The 'affiliate_tracker_nmql' PostgreSQL database is extended via a structural 'operator_id' (tenant_id) column across 'affiliates', 'players', 'clicks', and 'payouts' tables. This creates an impenetrable logical separation layer:

- Total Data Isolation: Multiple independent casino brands (Operators) can concurrently share the tracker without ever compromising data leaks. Operator A's traffic data is completely invisible to Operator B.
- JWT Token Context Middleware: Authentication layers intercept all API payloads, strictly wrapping SQL query evaluation boundaries under a rigid clause: WHERE operator_id = currentUser.operator_id.
- Super-Admin Control Surface: Allows you to centrally register new operators, provision unique cryptographic secret tokens (X-Casino-Secret), and activate/deactivate enterprise licenses instantly.

B. Security & Automation Array:

- Progressive RevShare Router: Dynamically migrates affiliates across payout tiers (Bronze 25% -> Silver 35% -> VIP Gold 45%) automatically based on direct active conversion volume.
- S2S Anti-Fraud Engine: Detects and logs illicit affiliate schemes via rapid Velocity Registration Checks and Subnet Collision scans. It triggers instant S2S postback loops via encrypted JSON to clean external marketing pipes.
- Multi-Currency Conversion Matrix: Converts real-time player events processed in RSD, EUR, or USDT into the primary system currency ledger for zero-latency affiliate accounting.

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END OF DOCUMENT 1 – NMQ iGaming Suite v5.5 Enterprise Manual

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