

Casino Provider Operator API

Public operator-facing contract for catalog lookup, game launch, artwork delivery, and callback wallet settlement.

Version	1.1.0
Base URL	https://casinoproviders.net
Docs URL	https://docs.casinoproviders.net
Auth Header	x-provider-api-key

Quick Start

- Create an active operator in Provider Admin.
- Assign the operator's live game catalog.
- Create an operator API key.
- Call catalog endpoints with x-provider-api-key.
- Create launch URLs server-side and open them in the player browser.
- If using callback wallet mode, expose signed balance, debit, credit, and rollback endpoints.

Operator integration flow

Operators integrate through provider API endpoints only. Runtime routes under /gs2c and /api/runtime are used by the launched game in the player browser and should not be called server-to-server.

- Use catalog APIs to read the operator-scoped game list.
- Use launch-url to create short-lived player sessions.
- Open launch_url in the player browser on desktop or mobile.
- Use callback wallet endpoints for production balance and settlement.

Use the operator API key in request headers

The preferred header is x-provider-api-key. Bearer auth and x-api-key are accepted for compatibility. DB operator keys automatically resolve operator scope, so operators should not send another operator_id.

Preferred auth header

```
x-provider-api-key: ppop_operator-a_REPLACE_ME
```

Bearer alternative

```
Authorization: Bearer ppop_operator-a_REPLACE_ME
```

Read the operator-scoped live catalog

Catalog and launch use the same allowlist. A game outside the operator catalog is hidden from catalog responses and denied on launch.

Method	Path	Purpose
GET	/api/provider/v1/games	Returns the operator-scoped live catalog with feature flags, launch paths, artwork URLs, and
GET	/api/provider/v1/games/{symbol}	Returns one catalog title by symbol or slug after the same operator access checks.

List games

```
curl -H "x-provider-api-key: " \
  "https://casinoproviders.net/api/provider/v1/games"
```

List games by provider

```
curl -H "x-provider-api-key: " \
  "https://casinoproviders.net/api/provider/v1/games?provider_id=pragmatic"

curl -H "x-provider-api-key: " \
  "https://casinoproviders.net/api/provider/v1/games?provider_id=pg"
```

Catalog response

```
{
  "success": true,
  "data": {
    "total": 1,
    "operator_id": "operator-a",
    "items": [
      {
        "symbol": "vs20doghouse",
        "slug": "doghouse",
        "title": "The Dog House",
        "provider_id": "pragmatic",
        "provider": "Pragmatic Play",
        "family": "line-free-spins",
        "rtp": 96.51,
        "lines": 20,
        "asset_version": "v2",
        "asset_symbol": "vs20doghouse",
        "game_service_version": "v3",
        "loader_mode": "generic",
        "launch_status": "stable",
        "live_catalog_enabled": true,
        "certified_browsers": [
          "chrome"
        ],
        "features": {
          "bonus": true,
          "collect": true,
          "free_spins": true,
          "buy_feature": true,
          "special_bet": false
        },
        "special_bet_profile": null,
        "thumbnail": {
          "symbol": "vs20doghouse",
          "slug": "doghouse",
          "title": "The Dog House",
          "url": "https://casinoproviders.net/api/provider/v1/game-art/vs20doghouse?title=The+Dog+House&slug=doghouse"
        },
        "thumbnail_url": "https://casinoproviders.net/api/provider/v1/game-art/vs20doghouse?title=The+Dog+House&slug=doghouse",
        "launch_path": "/games/doghouse"
      }
    ]
  }
}
```

Create a short-lived browser launch URL

Create the launch URL from the operator server. Then open `launch_url` in the player's browser. The URL contains a short-lived session token and should not be logged publicly.

Method	Path	Purpose
POST	/api/provider/v1/launch-url	Creates or refreshes a player game session and returns the browser launch URL.

Field	Description
symbol or slug	One game identifier is required.
external_player_id	Stable player identifier from the operator platform.
coin	Optional default coin value.
currency	Optional ISO-style currency code; defaults to operator currency then USD.
lang	Optional game language code; use tr for Turkish.
return_url	Optional lobby URL used by the game close/return flow.
device	Optional desktop, mobile, or tablet hint; tablet normalizes to mobile.

Launch request

```
curl -X POST "https://casinoproviders.net/api/provider/v1/launch-url" \
-H "content-type: application/json" \
-H "x-provider-api-key: " \
-d '{"symbol": "vs20doghouse", "external_player_id": "player-129001", "coin": "0.10", "currency": "USD", "lang": "en", "return_url": "https://operator.example.com/lobby", "device": "desktop"}'
```

Launch response

```
{
  "success": true,
  "symbol": "vs20doghouse",
  "slug": "doghouse",
  "operator_id": "operator-a",
  "currency": "USD",
  "lang": "en",
  "session_id": "session-token",
  "launch_url":
    "https://casinoproviders.net/gs2c/html5Game.do?symbol=vs20doghouse(=en&mgckey;=...",
  "expires_at": "2026-06-16T16:30:00+00:00",
  "data": {
    "symbol": "vs20doghouse",
    "slug": "doghouse",
    "operator_id": "operator-a",
    "currency": "USD",
    "lang": "en",
    "session_id": "session-token",
    "launch_url":
      "https://casinoproviders.net/gs2c/html5Game.do?symbol=vs20doghouse(=en&mgckey;=...",
    "expires_at": "2026-06-16T16:30:00+00:00"
  }
}
```

Refresh balance inside an open game session

After a player deposit or manual adjustment, call this endpoint to signal active game pages for the operator/player. PP_Platform does not accept a balance value here; the game refreshes through the normal signed wallet balance callback.

Method	Path	Purpose
POST	/api/provider/v1/player-balance-refresh	Signals active game pages for an operator/player to refresh balance through the wallet balance

Field	Description
external_player_id	Required stable player identifier from the operator platform.
currency	Optional three-letter currency filter.
game_symbol	Optional game symbol or slug filter.
session_id	Optional provider session filter.
reason	Optional reason such as deposit or manual_adjustment.
request_id	Optional operator correlation id.

Balance refresh request

```
curl -X POST "https://casinoproviders.net/api/provider/v1/player-balance-refresh" \
-H "content-type: application/json" \
-H "x-provider-api-key: " \
-d '{"external_player_id":"player-129001","currency":"USD","reason":"deposit","request_id":"operator-request-123"}'
```

Balance refresh response

```
{
  "success": true,
  "operator_id": "operator-a",
  "external_player_id": "player-129001",
  "request_id": "operator-request-123",
  "reason": "deposit",
  "sessions_found": 1,
  "sessions_notified": 1,
  "subscribers_notified": 1,
  "sessions": [
    {
      "session_id": "session-token",
      "game_symbol": "vs20doghouse",
      "currency": "USD",
      "active_subscribers": 1,
      "notified": true
    }
  ],
  "data": {
    "operator_id": "operator-a",
    "external_player_id": "player-129001",
    "request_id": "operator-request-123",
    "reason": "deposit",
    "sessions_found": 1,
    "sessions_notified": 1,
    "subscribers_notified": 1,
    "sessions": [
      {
        "session_id": "session-token",
        "game_symbol": "vs20doghouse",
        "currency": "USD",
        "active_subscribers": 1,
        "notified": true
      }
    ]
  }
}
```

```

    ]
  }
}
```

Use catalog artwork URLs for game thumbnails

Catalog responses include `thumbnail` and `thumbnail_url` fields. The artwork endpoint is public and returns uploaded WebP, PNG, JPEG, or an SVG fallback.

Method	Path	Purpose
GET	/api/provider/v1/game-art/{symbol}	Returns public game artwork used by catalog thumbnail URLs.

Fetch artwork

```
curl "https://casinoproviders.net/api/provider/v1/game-art/vs20doghouse?title=The+Dog+House&slug=doghouse"
```

Expose signed balance, debit, credit, and rollback endpoints

Callback wallet mode calls endpoints under the operator `wallet_base_url`. PP_Platform signs the exact raw JSON body with HMAC-SHA256.

Method	Path	Purpose
POST	{wallet_base_url}/balance	Operator-hosted callback endpoint signed with HMAC-SHA256.
POST	{wallet_base_url}/debit	Operator-hosted callback endpoint signed with HMAC-SHA256.
POST	{wallet_base_url}/credit	Operator-hosted callback endpoint signed with HMAC-SHA256.
POST	{wallet_base_url}/rollback	Operator-hosted callback endpoint signed with HMAC-SHA256.

- Treat `transaction_id` as the idempotency key.
- Return the original result for duplicate successful transaction IDs.
- Fail closed on invalid signature, stale timestamp, insufficient funds, or unknown player.
- Rollback callbacks include `original_transaction_id`.
- If debit succeeds and a later settlement step fails, PP_Platform attempts a best-effort rollback.

Callback headers

```

content-type: application/json
x-pp-request-id:
x-pp-timestamp:
x-pp-signature:
```

Signature payload

```
HMAC_SHA256(wallet_secret, "{timestamp}.{raw_json_body}")
```

Callback request

```

{
  "operator_id": "operator-a",
  "player_id": "player-129001",
  "session_id": "session-token",
  "game_symbol": "vs20doghouse",
  "currency": "USD",
  "request_id": "7d8a3996269f4cf3bb9f5aa6f65de3c1",
}
```

```
"transaction_id": "session-token:doSpin:0:1:debit",
"transaction_type": "debit",
"action_type": "doSpin",
"amount": 2
}
```

Success response

```
{
  "success": true,
  "balance": "997.90",
  "currency": "USD",
  "transaction_id": "session-token:doSpin:0:1:debit"
}
```

Reject response

```
{
  "success": false,
  "error": "insufficient_funds",
  "message": "Insufficient funds"
}
```

Handle JSON errors by HTTP status

Provider API errors are returned as JSON. Operators should log request IDs and response detail fields during integration testing.

Field	Description
400	Missing required launch field or invalid request.
401	Missing or invalid API key.
403	Inactive operator or game not enabled for this operator.
404	Game not found.
500	Production/staging environment is missing valid HTTPS GAME_BASE_URL or another server configuration is invalid.

Error response

```
{
  "success": false,
  "detail": "Operator is not active"
}
```

Go-live checklist

Complete these checks before sending production traffic through a new operator integration.

- Health endpoint returns 200.
- Public GAME_BASE_URL uses HTTPS.
- Operator status is active.
- Operator catalog contains the expected games.
- Operator API key works for catalog and launch.
- Browser can open launch_url on desktop and mobile.
- Callback wallet signature verification passes.
- Balance, debit, credit, and rollback callbacks pass diagnostics.

- Operator confirms idempotency behavior for duplicate transaction_id.
- Operator confirms game close/return flow with return_url.

Downloads

- OpenAPI JSON: <https://docs.casinoproviders.net/openapi.json>
- Postman collection: <https://docs.casinoproviders.net/postman.json>
- Markdown guide: <https://docs.casinoproviders.net/operator-guide.md>
- PDF guide: <https://docs.casinoproviders.net/downloads/operator-api-guide.pdf>