

BullTrading Platform API v2

Complete REST API Documentation
PlatformApiControllerV2

Technical Documentation

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1 Introduction

1.1 Overview

The BullTrading Platform API v2 provides comprehensive REST endpoints for interacting with the platform. This API enables authentication, user management, strategy operations, wallet transactions, and more.

1.2 Base URL

```
1 https://platform.bulltrading.io/api/v2/platform
```

1.3 Authentication

Most endpoints require authentication via a token. The token can be sent in multiple ways:

1. **Authorization Header (Recommended):** Authorization: Bearer {token}
2. **X-Auth-Token Header:** X-Auth-Token: {token}
3. **X-Token Header:** X-Token: {token}
4. **Cookie/Claims:** For Blazor compatibility

2 Authentication Endpoints

2.1 Login

Endpoint: POST /api/v2/platform/auth/login

Description: Authenticate a user and obtain an access token

Authentication Required: No

2.1.1 Request Body

```
1 {
2   "email": "user@example.com", // Can be email OR username
3   "password": "YourPassword123",
4   "rememberMe": true           // Optional: true = 30 days, false = 7 days
5 }
```

2.1.2 Response - Success (200 OK)

```
1 {
2   "success": true,
3   "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9...",
4   "expiresAt": "2024-02-01T12:00:00Z",
5   "email": "user@example.com",
6   "username": "johndoe"
7 }
```

2.1.3 Response - Error (401 Unauthorized)

```
1 {
2   "success": false,
3   "message": "Invalid credentials"
4 }
```

2.1.4 Example Usage

```
1 curl -X POST https://api.bulltrading.io/api/v2/platform/auth/login \
2   -H "Content-Type: application/json" \
3   -d '{
4     "email": "trader@example.com",
5     "password": "SecurePass123!",
6     "rememberMe": true
7   }'
```

2.2 Logout

Endpoint: POST /api/v2/platform/auth/logout

Description: Logout the current user and invalidate the token

Authentication Required: Yes

2.2.1 Response - Success (200 OK)

```
1 {
2   "message": "Logged out successfully"
3 }
```

2.2.2 Example Usage

```
1 curl -X POST https://api.bulltrading.io/api/v2/platform/auth/logout \
2   -H "Authorization: Bearer YOUR_TOKEN_HERE"
```

2.3 Validate Token

Endpoint: GET /api/v2/platform/auth/validate

Description: Validate if a token is still valid

Authentication Required: Yes

2.3.1 Response - Success (200 OK)

```
1 {
2   "valid": true,
3   "userId": "user-uuid-123"
4 }
```

2.3.2 Example Usage

```
1 curl -X GET https://api.bulltrading.io/api/v2/platform/auth/validate \
2   -H "Authorization: Bearer YOUR_TOKEN_HERE"
```

3 User Management Endpoints

3.1 Load User Profile

Endpoint: GET /api/v2/platform/user/load

Description: Get the current user's profile information

Authentication Required: Yes

3.1.1 Response - Success (200 OK)

```
1 {
2   "uid": "350670FD-9502-4231-A45C-8792567D7C0F",
3   "email": "john.doe@gmail.com",
4   "username": "John Doe",
5   "wallet": {
6     "walletHistory": [
7       {
8         "unixTime": 1745682920,
9         "type": 0,
10        "amount": 66666.67,
11        "details": "Purchase for a total amount of $300"
12      },
13    ],
14    "virtualAmount": 2733246.05713587,
15    "availableAmount": 9819707.93287398,
16    "referralEarned": 201.888468518525,
17    "strategiesIncome": 0,
18    "indicatorsIncome": 38972.52
19  },
20  "notifications": [],
21  "creationUnixTime": 1630453237
22 }
```

3.1.2 Example Usage

```
1 curl -X GET https://api.bulltrading.io/api/v2/platform/user/load \
2   -H "Authorization: Bearer YOUR_TOKEN_HERE"
```

3.2 Update Password

Endpoint: POST /api/v2/platform/user/password

Description: Update user password

Authentication Required: Yes

3.2.1 Request Body

```
1 {
2   "currentPassword": "OldPassword123",
3   "newPassword": "NewSecurePassword456!"
4 }
```

3.2.2 Response - Success (200 OK)

```
1 {
2   "result": true,
3   "exceptionMessage": ""
4 }
```


3.2.3 Example Usage

```
1 curl -X POST https://api.bulltrading.io/api/v2/platform/user/password \
2   -H "Authorization: Bearer YOUR_TOKEN_HERE" \
3   -H "Content-Type: application/json" \
4   -d '{
5     "currentPassword": "Current123!",
6     "newPassword": "NewSecure456!"
7   }'
```

3.3 Update Avatar

Endpoint: POST /api/v2/platform/user/avatar

Description: Upload a new avatar image

Authentication Required: Yes

3.3.1 Request

Form data with image file (multipart/form-data)

3.3.2 Response - Success (200 OK)

```
1 true
```

3.3.3 Example Usage

```
1 curl -X POST https://api.bulltrading.io/api/v2/platform/user/avatar \
2   -H "Authorization: Bearer YOUR_TOKEN_HERE" \
3   -F "image=@/path/to/avatar.jpg"
```

3.4 Get User License

Endpoint: GET /api/v2/platform/user/license

Description: Get license information for a specific user

Authentication Required: Yes

3.4.1 Query Parameters

- uid (string): User ID to check license for

3.4.2 Response - Success (200 OK)

```
1 2 // License level (0=Basic, 1=Silver, 2=Gold, 3=Ultimate)
```

3.4.3 Example Usage

```
1 curl -X GET "https://api.bulltrading.io/api/v2/platform/user/license?uid=user
2   -123" \
3   -H "Authorization: Bearer YOUR_TOKEN_HERE"
```

3.5 Get Profile Picture

Endpoint: GET /api/v2/platform/user/profile-picture

Description: Get profile picture URL for a user

Authentication Required: Yes

3.5.1 Query Parameters

- uid (string): User ID

3.5.2 Response - Success (200 OK)

```
1 "https://cdn.example.com/avatars/user-123.jpg"
```

3.5.3 Example Usage

```
1 curl -X GET "https://api.bulltrading.io/api/v2/platform/user/profile-picture?
   uid=user-123" \
2   -H "Authorization: Bearer YOUR_TOKEN_HERE"
```

4 Strategy Management

4.1 Sync Signals

Endpoint: POST /api/v2/platform/strategy/sync-signals

Description: Synchronize trading signals with current allocations

Authentication Required: Yes

4.1.1 Important Notes

- **Subscription Management:**
 - Calling with empty signals array unsubscribes from ALL signals and stops billing
 - Any signal not present in the request will be automatically unsubscribed
 - Only signals explicitly included in the request remain active
- **Automatic Billing:** Each new signal added will be automatically deducted from your subscription
- **Token Requirements:** You must have a token balance greater than 0 to follow certain premium signals
- **Current Allocation:**
 - Represents a percentage defined by the user's strategy configuration
 - Can be negative (short positions)
 - Can exceed 100% or -100% when using leverage
 - Example: -150 means 150% short position with leverage

4.1.2 Request Body

```
1 {
2   "signals": [
3     {
4       "signalUid": "b6ce699d-cc69-4bba-bed4-3763a234cf5d",
5       "baseQuantity": 3,           // Base asset quantity
6       "quoteQuantity": 13000      // Quote asset quantity
7     }
8   ]
9 }
```

4.1.3 Response - Success (200 OK)

```
1 {
2   "result": true,
3   "exceptionMessage": null,
4   "allocationsAsOfUtc": "2025-10-05T22:14:21.3366399+00:00",
5   "signals": [
6     {
7       "signalUid": "b6ce699d-cc69-4bba-bed4-3763a234cf5d",
8       "baseQuantity": 3,
9       "quoteQuantity": 13000,
10      "currentAllocation": 0        // Can be negative or >100 with leverage
11    }
12  ]
13 }
```

4.1.4 Response - Error (400 Bad Request)

```
1 {
2   "result": false,
3   "exceptionMessage": "Invalid signal data or insufficient balance",
4   "allocationsAsOfUtc": null,
5   "signals": []
6 }
```

4.1.5 Example Usage - Subscribe to Signals

```
1 # Note: Only these two signals will remain active, all others unsubscribed
2 curl -X POST https://api.bulltrading.io/api/v2/platform/strategy/sync-signals \
3   -H "Authorization: Bearer YOUR_TOKEN_HERE" \
4   -H "Content-Type: application/json" \
5   -d '{
6     "signals": [
7       {
8         "signalUid": "strategy-001",
9         "baseQuantity": 5,
10        "quoteQuantity": 20000
11      },
12      {
13        "signalUid": "strategy-002",
14        "baseQuantity": 2,
15        "quoteQuantity": 8000
16      }
17    ]
18  }'
```

4.1.6 Example Usage - Unsubscribe from All Signals

```
1 curl -X POST https://api.bulltrading.io/api/v2/platform/strategy/sync-signals \
2   -H "Authorization: Bearer YOUR_TOKEN_HERE" \
3   -H "Content-Type: application/json" \
4   -d '{
5     "signals": []
6   }'
```

4.1.7 Example Response with Leverage

```
1 {
2   "result": true,
3   "exceptionMessage": null,
4   "allocationsAsOfUtc": "2025-10-05T22:14:21.3366399+00:00",
5   "signals": [
6     {
7       "signalUid": "leveraged-strategy-001",
8       "baseQuantity": 10,
9       "quoteQuantity": 50000,
10      "currentAllocation": 150      // 150% long with leverage
11    },
12    {
13      "signalUid": "short-strategy-002",
14      "baseQuantity": 5,
15      "quoteQuantity": 25000,
16      "currentAllocation": -75      // 75% short position
17    }
18  ]
19 }
```

4.2 List Strategies

Endpoint: GET /api/v2/platform/strategy/list

Description: Get list of available trading strategies

Authentication Required: Yes

4.2.1 Response - Success (200 OK)

```

1 {
2   "bots": [
3     {
4       "uid": ".
5       ",
6       "title": "Range Navigator",
7       "description": "La strat gie \"Range Navigator\" tire parti des
mouvements lat raux du march sur une unit de temps H4, en utilisant le
Doji pour identifier les points de retournement potentiels, le SuperTrend
pour d terminer la direction de la tendance et l'ATR pour mesurer la
volatilit . Cette approche permet de capturer des profits dans des
conditions de march o les prix oscillent entre des niveaux de support et
de r sistance. Un risque de 9% par trade est acceptable et un ratio risque
/rendement de 1:10 renforce la viabilit de cette strat gie. Les points d'
entr e se situent pr s des niveaux de support et de r sistance , tandis
que les sorties sont d clenches par des signaux de retournement ou de
d passement des niveaux cl s.",
8       "author": "clement03",
9       "authorUid": "62f9e4d2-800b-4880-b813-f7668aa88d41",
10      "pairName": "ETHUSD",
11      "mainTimeframe": 7,
12      "smallestTimeframe": 7,
13      "baseName": "ETH",
14      "quoteName": "USD",
15      "exchangeName": "Binance",
16      "marketType": "Futures",
17      "percentageFees": 1.8,
18      "minimalFees": 4,
19      "liveReturnPercentage": 229.12,
20      "returnThreeMonthsAgo": 312.63,
21      "returnSixMonthsAgo": 193.4,
22      "totalReturnPercentage": 167.8238354016701,
23      "drawdownPercentage": -53.58,
24      "toRental": true,
25      "publishedTimeUnix": 1737753916
26    },
27    {
28      "uid": "6aa1e0cf-1cd2-42ec-8b4f-ba95564dba99",
29      "title": "Swing Range Master",
30      "description": "La strat gie 'Swing Range Master' est con ue pour
les traders qui adoptent un style de swing trading, en se concentrant sur
des mouvements de prix dans des zones de consolidation. En utilisant le RSI
comme indicateur principal, cette strat gie s'appuie sur l'identification
des surachats et des survendus pour entrer et sortir des positions. \n\nLe
RSI permet de mesurer la force et la direction de la tendance, tout en
signalant les points de retournement potentiels. En compl ment , l'unit de
temps D1 (1 jour) offre une perspective sur les mouvements quotidiens,
permettant de capter les fluctuations de prix sur une p riode plus tendue
.\n\nPoints forts de la strat gie :\n- Le swing trading permet de profiter
des mouvements de prix moyen terme, avec moins de stress que le day
trading.\n- Le ratio risque/rendement de 1:10 permet de maximiser les gains
potentiels tout en gardant un niveau de risque g rable de 8% par trade.\n\n
Conditions optimales d'utilisation :\n- Utiliser cette strat gie lors de
p riodes de faible volatilit , o les prix se d placent dans des plages

```

```

    bien d'finies.\n- valuer les niveaux de support et de r sistance pour
    d terminer les zones de r action possibles.\n\nCrit res d'entr e :\n-
    Entrer en position longue lorsque le RSI indique une condition de survente
    et que le prix est proche d'un niveau de support.\n- Entrer en position
    courte lorsque le RSI indique une condition de surachat et que le prix est
    proche d'un niveau de r sistance.\n\nCrit res de sortie :\n- Sortir de la
    position lorsque le RSI revient des niveaux neutres ou lorsque le prix
    atteint un objectif pr d termin bas sur les niveaux de support et de
    r sistance.",
31     "author": "joan789",
32     "authorUid": "410ffdea-03fd-4416-800b-0527c98e027a",
33     "pairName": "DOGEUSDT",
34     "mainTimeframe": 10,
35     "smallestTimeframe": 7,
36     "baseName": "DOGE",
37     "quoteName": "USDT",
38     "exchangeName": "Binance",
39     "marketType": "Futures",
40     "percentageFees": 2,
41     "minimalFees": 2,
42     "liveReturnPercentage": -19.65,
43     "returnThreeMonthsAgo": -19.65,
44     "returnSixMonthsAgo": -19.65,
45     "totalReturnPercentage": -19.65356646784868,
46     "drawdownPercentage": -19.65,
47     "toRental": true,
48     "publishedTimeUnix": 1737576790
49   }
50 ]
51 }

```

4.2.2 Example Usage

```

1 curl -X GET https://api.bulltrading.io/api/v2/platform/strategy/list \
2 -H "Authorization: Bearer YOUR_TOKEN_HERE"

```

4.3 List Strategies (Binary)

Endpoint: GET /api/v2/platform/strategy/list/binary

Description: Get strategies list in binary format (protobuf)

Authentication Required: Yes

4.3.1 Response

Binary data (application/octet-stream)

4.3.2 Example Usage

```

1 curl -X GET https://api.bulltrading.io/api/v2/platform/strategy/list/binary \
2 -H "Authorization: Bearer YOUR_TOKEN_HERE" \
3 --output strategies.bin

```

4.4 Strategy Details

Endpoint: GET /api/v2/platform/strategy/details

Description: Get detailed information about a specific strategy

Authentication Required: Yes

4.4.1 Query Parameters

- **strategyUid** (string): Strategy unique identifier

4.4.2 Response - Success (200 OK)

```
1 {
2   "id": "b6ce699d-cc69-4bba-bed4-3763a234cf5d",
3   "backtest": {
4     "candles": [
5       {
6         "time": 1759600800,
7         "open": 4465.4,
8         "high": 4492.42,
9         "low": 4465.4,
10        "close": 4484.79,
11        "volume": 164666.953
12      },
13      {
14        "time": 1759615200,
15        "open": 4484.79,
16        "high": 4575.14,
17        "low": 4465.01,
18        "close": 4531.01,
19        "volume": 800328.169
20      }
21    ],
22    "backtestReturns": [
23      {
24        "time": 1757901600,
25        "value": 192.87289057099582
26      },
27      {
28        "time": 1757916000,
29        "value": 175.17782092749928
30      },
31      {
32        "time": 1757930400,
33        "value": 167.8238354016701
34      }
35    ],
36    "buyAndHoldReturns": [
37      {
38        "time": 1759615200,
39        "value": 31.18038928440112
40      },
41      {
42        "time": 1759629600,
43        "value": 31.18038928440112
44      }
45    ],
46    "backtestDrawdowns": [
47      {
48        "time": 1757916000,
49        "value": -26.1
50      },
51      {
52        "time": 1757930400,
53        "value": -28.07
54      }
55    ],
56    "buyAndHoldDrawdowns": [
57      {
```

```

58         "time": 1759600800,
59         "value": -7.19
60     },
61     {
62         "time": 1759615200,
63         "value": -6.23
64     }
65 ]
66 },
67 "data": {
68     "trades": [
69         {
70             "tradeNumber": 1,
71             "from": 1736118000,
72             "to": 1736262000,
73             "direction": "BUY",
74             "oldAllocation": 0,
75             "newAllocation": 377,
76             "returnPercentage": -0.6032,
77             "drawdown": -0.6032,
78             "entryPrice": 3634.96
79         },
80         {
81             "tradeNumber": 2,
82             "from": 1736262000,
83             "to": 1743001200,
84             "direction": "SELL",
85             "oldAllocation": 377,
86             "newAllocation": 0,
87             "returnPercentage": -18.6238,
88             "drawdown": -26.1638,
89             "entryPrice": 3461.21
90         }
91     ],
92     "strategyReturn": 167.8238354016701,
93     "strategyDrawdown": -53.58,
94     "sharpeRatio": 2.1040915338494086,
95     "sortinoRatio": 1.491615744818609,
96     "strategyName": "Range Navigator",
97     "tradingPair": "ETHUSDT (Binance Futures)",
98     "fees": 0.06,
99     "slippage": 0.1,
100    "timeframe": "4h",
101    "startDate": 1735182000000,
102    "endDate": 1759629600000,
103    "numberOfTrades": 14,
104    "allocation": 100
105 }
106 }

```

4.4.3 Example Usage

```

1 curl -X GET "https://api.bulltrading.io/api/v2/platform/strategy/details?
   strategyUid=strategy-001" \
2   -H "Authorization: Bearer YOUR_TOKEN_HERE"

```

4.5 Strategy Details (Binary)

Endpoint: GET /api/v2/platform/strategy/details/binary

Description: Get strategy details in binary format

Authentication Required: Yes

4.5.1 Query Parameters

- `strategyUid` (string): Strategy unique identifier

4.5.2 Response

Binary data (application/octet-stream)

4.5.3 Example Usage

```
1 curl -X GET "https://api.bulltrading.io/api/v2/platform/strategy/details/binary  
   ?strategyUid=strategy-001" \  
2   -H "Authorization: Bearer YOUR_TOKEN_HERE" \  
3   --output strategy-details.bin
```

5 Wallet Management

5.1 Get Deposit Address

Endpoint: GET /api/v2/platform/wallet/deposit-address

Description: Get deposit address for a specific token and network

Authentication Required: Yes

5.1.1 Query Parameters

- **tokenType** (string): Token type (e.g., "USDT", "BTC")
- **network** (string): Network (e.g., "ERC20", "TRC20", "BEP20")

5.1.2 Response - Success (200 OK)

```
1 "0x1234567890abcdef1234567890abcdef12345678"
```

5.1.3 Example Usage

```
1 curl -X GET "https://api.bulltrading.io/api/v2/platform/wallet/deposit-address?
   tokenType=USDT&network=ERC20" \
2   -H "Authorization: Bearer YOUR_TOKEN_HERE"
```

5.2 Recharge with Card

Endpoint: POST /api/v2/platform/wallet/recharge

Description: Recharge wallet using credit/debit card

Authentication Required: Yes

5.2.1 Request Body

```
1 {
2   "amountInDollars": 100.00
3 }
```

5.2.2 Response - Success (200 OK)

```
1 {
2   "result": true,
3   "exceptionMessage": "",
4   "checkoutUrl": "https://checkout.stripe.com/session/cs_test_..."
5 }
```

5.2.3 Example Usage

```
1 curl -X POST https://api.bulltrading.io/api/v2/platform/wallet/recharge \
2   -H "Authorization: Bearer YOUR_TOKEN_HERE" \
3   -H "Content-Type: application/json" \
4   -d '{"amountInDollars": 250.00}'
```

6 Income Management

6.1 Load Income

Endpoint: GET /api/v2/platform/income/load

Description: Get income statistics and history from user connected to your signals

Authentication Required: Yes

6.1.1 Response - Success (200 OK)

```
1 {  
2   "dailyIncomes": [],  
3   "userIncomes": [],  
4   "strategiesIncomes": []  
5 }
```

6.1.2 Example Usage

```
1 curl -X GET https://api.bulltrading.io/api/v2/platform/income/load \  
2   -H "Authorization: Bearer YOUR_TOKEN_HERE"
```

7 License Management

7.1 Purchase License with Tokens

Endpoint: POST /api/v2/platform/license/purchase-tokens

Description: Purchase a license using platform tokens

Authentication Required: Yes

7.1.1 Request Body

```
1 {  
2   "licenseType": 2    // 0=Basic, 1=Silver, 2=Gold, 3=Ultimate  
3 }
```

7.1.2 Response - Success (200 OK)

```
1 {  
2   "result": true,  
3   "exceptionMessage": "",  
4   "newLicenseLevel": 2,  
5   "expiresAt": "2025-01-01T00:00:00Z"  
6 }
```

7.1.3 Example Usage

```
1 curl -X POST https://api.bulltrading.io/api/v2/platform/license/purchase-tokens  
2 \   
3   -H "Authorization: Bearer YOUR_TOKEN_HERE" \   
4   -H "Content-Type: application/json" \   
5   -d '{"licenseType": 2}'
```

7.2 Purchase License with Card

Endpoint: POST /api/v2/platform/license/purchase-card

Description: Purchase a license using credit/debit card

Authentication Required: Yes

7.2.1 Request Body

```
1 {  
2   "licenseType": 3    // License level (0=Basic, 1=Silver, 2=Gold, 3=Ultimate)  
3 }
```

7.2.2 Response - Success (200 OK)

```
1 {  
2   "result": true,  
3   "exceptionMessage": "",  
4   "checkoutUrl": "https://checkout.stripe.com/session/cs_live_..."  
5 }
```

7.2.3 Example Usage

```
1 curl -X POST https://api.bulltrading.io/api/v2/platform/license/purchase-card \  
2   -H "Authorization: Bearer YOUR_TOKEN_HERE" \  
3   -H "Content-Type: application/json" \  
4   -d '{"licenseType": 3}'
```

8 Referral System

8.1 Load Referral Statistics

Endpoint: GET /api/v2/platform/referral/load

Description: Get referral statistics and earnings

Authentication Required: Yes

8.1.1 Response - Success (200 OK)

```
1 {
2   "allLevels": [
3     {
4       "level": 1,
5       "percentage": 40
6     }
7   ],
8   "affiliates": [
9     {
10      "username": "John Doe",
11      "joinedAtUnixTime": 1695704107,
12      "referralLevel": 1,
13      "referrer": "Brizze",
14      "breakdown": {
15        "strategyFees": 0,
16        "backtestingFees": 0,
17        "marketplaceFees": 0,
18        "licenseFees": 0,
19        "educationFees": 0,
20        "depositFees": 0,
21        "total": 0
22      }
23    }
24  ]
25 }
```

8.1.2 Example Usage

```
1 curl -X GET https://api.bulltrading.io/api/v2/platform/referral/load \
2   -H "Authorization: Bearer YOUR_TOKEN_HERE"
```

9 Notifications

9.1 Load Notifications

Endpoint: GET /api/v2/platform/notifications/load

Description: Get user notifications

Authentication Required: Yes

9.1.1 Response - Success (200 OK)

```
1 [
2   {
3     "uid": "notif-001",
4     "level": "system",
5     "message": "Platform will undergo maintenance",
6   },
7 ]
```

9.1.2 Example Usage

```
1 curl -X GET https://api.bulltrading.io/api/v2/platform/notifications/load \
2   -H "Authorization: Bearer YOUR_TOKEN_HERE"
```

9.2 Mark Notification as Read

Endpoint: POST /api/v2/platform/notification/read

Description: Mark a notification as read

Authentication Required: Yes

9.2.1 Request Body

```
1 {
2   "uid": "notif-001"
3 }
```

9.2.2 Response - Success (200 OK)

```
1 {
2   "success": true
3 }
```

9.2.3 Example Usage

```
1 curl -X POST https://api.bulltrading.io/api/v2/platform/notification/read \
2   -H "Authorization: Bearer YOUR_TOKEN_HERE" \
3   -H "Content-Type: application/json" \
4   -d '{"uid": "notif-001"}'
```

10 Miscellaneous

10.1 Get Asset Price

Endpoint: GET /api/v2/platform/asset/price/{assetName}

Description: Get current price for an asset

Authentication Required: No

10.1.1 Path Parameters

- **assetName** (string): Asset symbol (e.g., "BTC", "ETH", "USDT")

10.1.2 Response - Success (200 OK)

```
1 42150.75 // Current price in USD
```

10.1.3 Example Usage

```
1 curl -X GET https://api.bulltrading.io/api/v2/platform/asset/price/BTC
```

10.2 Execute User Script

Endpoint: POST /api/v2/platform/script/execute

Description: Execute a user's backend script in a dockerized environment

Authentication Required: Yes

10.2.1 Details

This endpoint allows users to execute custom backend scripts that run in an isolated Docker container environment, similar to having their own dedicated server. The script's **HandleAction** function is called with the provided parameters, enabling users to run custom custom scripts in a secure and sandboxed environment.

The dockerized environment provides:

- Isolated execution context for security
- Persistent storage for user-specific data
- Resource limits to ensure fair usage
- Support Javascript programming language

10.2.2 Request Body

```
1 {
2   "action": "CheckSignal", // Action to execute in HandleAction
3   "parametersJson": "{\"signalUid\":\"uid123\"}"
4 }
```

10.2.3 Response - Success (200 OK)

```
1 {
2   "success": true,
3   "customResult": {
4     "executionTime": 125,
5     "timestamp": "2024-01-20T10:30:00Z"
6   },
```



```
7  "customLogs": [  
8    "Script started",  
9    "Analysis complete"  
10 ]  
11 }
```

10.2.4 Example Usage

```
1 curl -X POST https://api.bulltrading.io/api/v2/platform/script/execute \  
2 -H "Authorization: Bearer YOUR_TOKEN_HERE" \  
3 -H "Content-Type: application/json" \  
4 -d '{  
5   "action": "customStrategy",  
6   "parametersJson": "{\"mode\":\"backtest\",\"startDate\":\"2024-01-01\"}"  
7 }'
```

10.3 Get Token

Endpoint: GET /api/v2/platform/token

Description: Get the current authentication token

Authentication Required: Yes

10.3.1 Response - Success (200 OK)

```
1 "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9..."
```

10.3.2 Example Usage

```
1 curl -X GET https://api.bulltrading.io/api/v2/platform/token \  
2 -H "Authorization: Bearer YOUR_TOKEN_HERE"
```

11 Error Responses

All API endpoints follow a consistent error response format:

11.1 401 Unauthorized

Returned when authentication is required but not provided or invalid.

```
1 {  
2   "error": "Unauthorized",  
3   "message": "Invalid or missing authentication token"  
4 }
```

11.2 400 Bad Request

Returned when request parameters are invalid.

```
1 {  
2   "error": "Bad Request",  
3   "message": "Invalid parameters provided",  
4   "details": {  
5     "field": "amount",  
6     "issue": "Must be greater than 0"  
7   }  
8 }
```

11.3 404 Not Found

Returned when a requested resource doesn't exist.

```
1 {  
2   "error": "Not Found",  
3   "message": "Resource not found"  
4 }
```

11.4 500 Internal Server Error

Returned when an unexpected server error occurs.

```
1 {  
2   "error": "Internal Server Error",  
3   "message": "An unexpected error occurred"  
4 }
```

12 Rate Limiting

The API implements rate limiting to ensure fair usage and platform stability. The rate limiting is enforced based on both the authentication token and the client IP address:

- **Maximum rate:** 20 requests per second per token/IP combination
- **Burst capacity:** Short bursts allowed within the limit
- **Reset period:** Limits reset every second

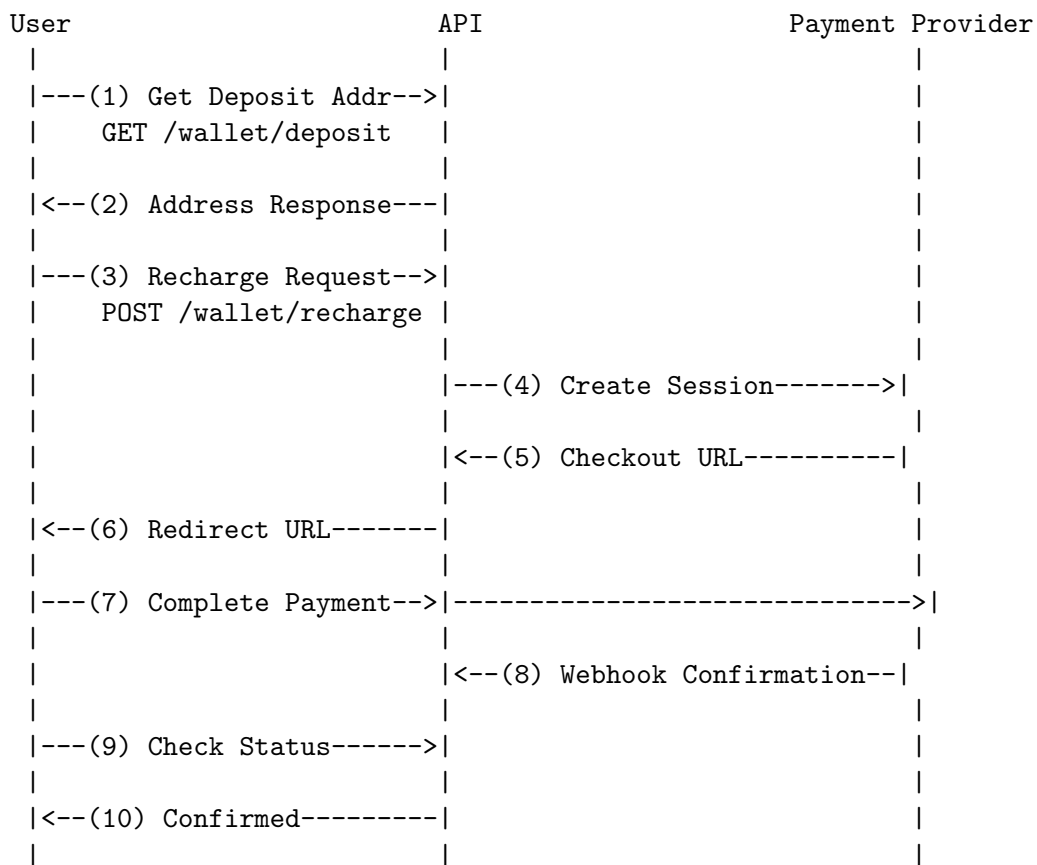
When rate limits are exceeded, the API returns a 429 Too Many Requests response:

```
1 {  
2   "error": "Too Many Requests",  
3   "message": "Rate limit exceeded. Maximum 20 requests per second allowed",  
4   "retryAfter": 1  
5 }
```

Rate limit headers are included in all responses:

```
1 X-RateLimit-Limit: 20  
2 X-RateLimit-Remaining: 15  
3 X-RateLimit-Reset: 1706180401  
4 Retry-After: 1
```


13.3 Wallet Transaction Flow



14 User Contract

14.1 Terms of Service - API Usage Agreement

14.1.1 1. Parties

This Agreement is entered into between:

- **Service Provider:** BULLTRADING SRL
 - Company Number: 0779.299.978
 - Registered Office: Groeneweg 17, 9320 Aalst
 - VAT Number: BE0779.299.978
 - Email: partner@bulltrading.io
- **User:** The individual or entity accessing the BullTrading Platform API

14.1.2 2. Service Description

The BullTrading Platform API provides programmatic access to:

- Signals from users strategies
- Market data and pricing information
- Custom script execution in isolated environments

3. License Tiers and Pricing

Tier	Lifetime Price	Features
Basic	\$0	• Monthly bot fees: 1% (min. \$2)* • 3 Strategies in production • 10 Combinations & Config Optimizer • Create 3 Strategies & 1 Plugin • 1 Custom Indicator • 35% of revenue from rented signals • 75% of marketplace revenue
Silver	\$94	• Monthly bot fees: 0.65% (min. \$1.35)* • 5 Strategies in production • 100 Combinations & Config Optimizer • Create 10 Strategies & 3 Plugins • 5 Custom Indicators • 35% of revenue from rented signals • 75% of marketplace revenue • Silver Badge
Gold	\$847	• Monthly bot fees: 0.50% (min. \$1)* • 15 Strategies in production • 500 Combinations & Config Optimizer • Create 100 Strategies & 20 Plugins • 50 Custom Indicators • 100% of revenue from rented signals • 100% of marketplace revenue • Machine Learning training (Coming soon) • Advanced affiliate program • Gold Badge
Ultimate	\$1599	• Monthly bot fees: 0%* • 500 Strategies in production • 1000 Combinations & Config Optimizer • Create 500 Strategies & 50 Plugins • 100 Custom Indicators • 100% of revenue from rented signals • 100% of marketplace revenue • Machine Learning training (Coming soon) • Advanced affiliate program • Ultimate Badge

* Additional fees apply for strategies from other users

14.1.3 4. Technical Specifications

4.1 Rate Limiting

- Maximum 20 requests per second per IP/token combination
- Exceeding limits results in temporary suspension (429 response)
- Persistent violations may result in account termination

4.2 Availability

- Service Level Agreement: 99.1% uptime
- Scheduled maintenance: Notified 2 hours in advance on Discord/Telegram
- Emergency maintenance: Best effort notification

4.3 Docker Container IP Addresses

- Dockerized containers use a load balancing system
- Outgoing requests from user scripts will originate from the following IP pool:
 - 88.198.102.0
 - 88.198.102.1
 - 88.198.102.2
 - 88.198.102.3
 - 88.198.102.4
 - 88.198.102.5
 - 88.198.102.6
 - 88.198.102.7
- These IPs should be whitelisted if you're connecting to external services with IP restrictions

14.1.4 5. User Responsibilities

The User agrees to:

1. Maintain confidentiality of API credentials
2. Comply with all rate limiting restrictions
3. Not reverse engineer or compromise the service
4. Provide accurate registration information
5. Use the service only for lawful purposes
6. Accept all risks associated with our servers

14.1.5 6. Data Protection

6.1 GDPR Compliance

In accordance with Regulation (EU) 2016/679 (GDPR):

- Personal data is processed lawfully and transparently
- Users have rights to access, rectification, and erasure
- Data portability available upon request

6.2 Data Security

- All API communications use TLS 1.3 encryption
- Tokens expire according to security best practices

14.1.6 7. Financial Terms

7.1 Payment

- Fees are charged hourly on a pro rata basis
- Accepted payment methods: Via Stripe or Cryptocurrency
- VAT applies according to Belgian and EU regulations

7.2 Refunds

- 14-day cooling-off period for consumers (EU Directive 2011/83/EU)
- Pro-rata refunds for service interruptions exceeding SLA

14.1.7 8. Liability and Disclaimers

8.1 Limitation of Liability

BullTrading SRL's liability is limited to:

- Direct damages only
- Excludes indirect, consequential, or punitive damages

8.2 Investment Disclaimer

- Past performance does not guarantee future results

14.1.8 9. Intellectual Property

- API and platform remain property of BullTrading SRL
- User retains ownership of their strategies and data
- License to use is non-transferable and non-exclusive

14.1.9 10. Termination

10.1 User Termination

- 30 days written notice required
- Data export available for 90 days post-termination

10.2 Provider Termination

- Immediate termination for terms violation
- 30 days notice for service discontinuation

14.1.10 11. Governing Law and Disputes

11.1 Applicable Law This Agreement is governed by the laws of Belgium, without regard to conflict of law principles.

11.2 Dispute Resolution

1. **Amicable Resolution:** Parties attempt resolution within 30 days
2. **Jurisdiction:** Courts of Brussels, Belgium have exclusive jurisdiction

11.3 Consumer Protection EU consumers may use the Online Dispute Resolution platform: https://consumer-redress.ec.europa.eu/index_fr

14.1.11 12. Miscellaneous

- **Entire Agreement:** This constitutes the complete agreement
- **Severability:** Invalid provisions do not affect remaining terms
- **Force Majeure:** Neither party liable for circumstances beyond control
- **Assignment:** User may not assign rights without written consent

14.1.12 13. Contact Information

Legal Inquiries: partner@bulltrading.io

14.1.13 14. Acceptance

By generating an API token or making the first API call, the User acknowledges having read, understood, and agreed to be bound by these Terms of Service.

Version 2.0 - Effective Date: October 1, 2025

Last Updated: October 5, 2025

15 Support

For additional support and detailed documentation:

- **Documentation:** <https://docs.bulltrading.io/>
- **Email:** partner@bulltrading.io