

SMARTTRADE™ — Interactive Brokers (IBKR) Setup & Realtime Market Data Guide

Professional setup guide for SmartTrade users connecting Interactive Brokers (IBKR) accounts for paper trading, realtime market data access and future live deployment.

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1. Introduction

- SmartTrade requires a stable Interactive Brokers (IBKR) environment with active realtime market data access.
- Delayed or incomplete market data can prevent momentum analysis, scanner activity and trade execution.
- This guide explains the exact setup process required for SmartTrade paper trading and future live trading deployment.

2. Create an IBKR Account

- Register an IBKR account through the official Interactive Brokers website.
- Complete identity verification and all regulatory onboarding steps.
- Enable Paper Trading during or after account creation.
- Use a secure password and activate two-factor authentication.

3. Activate Paper Trading

- Open the IBKR Client Portal.
- Verify that a Paper Trading account is available.
- Important: Paper Trading still requires correct realtime market data permissions.

4. Market Data API Acknowledgement

- Navigate to: Settings → Market Data Subscriptions.
- Complete the Market Data API Acknowledgement form.
- Without API market data permission, SmartTrade scanners cannot receive valid realtime market feeds.

5. Set Market Data Subscriber Status

- Open: Market Data Subscriber Status.
- Select: Non-Professional (for private individual usage).
- Complete all confirmation questions.
- Wait until IBKR confirms Non-Professional approval.
- Professional status may result in significantly higher monthly data fees.

6. Required SmartTrade Realtime Market Data

- For initial SmartTrade deployment, realtime US equity data is required.
- The recommended subscription is: US Equity and Options Add-On Streaming Bundle (Non-Professional version).
- This provides realtime market data for NASDAQ, NYSE and related US exchanges.
- Additional markets such as Europe, Xetra, London, Forex or Futures can be added later.

7. IB Gateway / TWS Configuration

- Install IB Gateway or Trader Workstation (TWS).
- Enable API access inside Global Configuration.
- Allow localhost API connections.
- Use LIVE realtime market data instead of delayed feeds.
- Restart Gateway/TWS after market data subscription changes.

8. SmartTrade Connection Process

- Log into the SmartTrade website.
- Open Trade Control / Algorithm Control.
- Run Broker Connection Test.
- Verify API readiness and market data availability.
- Start SmartTrade Paper Trading runtime.

9. Common IBKR Error Codes

- 10167 → Requested market data subscription is missing.
- 10168 → Delayed market data is not enabled or not available.
- 10089 → Requested realtime market data not subscribed.
- These issues are normally solved by activating the correct realtime market data packages.

10. Important Notes

- Paper Trading should be fully tested before enabling live trading.

- Realtime market data is essential for momentum-based systems.
- SmartTrade intentionally avoids generating fake trading activity when realtime market data is unavailable.

Prepared for SmartTrade™ users and prospective clients. This document is intended for onboarding and technical setup assistance.