
SignalTrader

Setup & Installation Guide

Everything you need to install and configure SignalTrader on your Windows PC or Windows VPS, connect IB Gateway, and start receiving automated SPX trading signals.

Version	Platform	Support
1.0.0 — March 2026	Windows 10/11 & Server 2019+	@ASG_SPX on Telegram

www.asgspusfarms.com

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1. System Requirements

Before you begin, make sure your system meets these requirements:

Requirement	Minimum	Recommended
Operating System	Windows 10 (64-bit)	Windows 11 or Server 2022
RAM	4 GB	8 GB
Disk Space	500 MB free	1 GB free
Internet	Stable broadband	Low-latency connection
Account	Interactive Brokers account	Funded IB account with API access

TIP: SignalTrader works on both regular Windows PCs and Windows VPS. If you plan to run it 24/7, a VPS is recommended.

2. Download the Software

Visit the download page to get all required files:

www.asgspxusfarms.com/downloads/

You need to download:

- **SignalTrader Client** (SignalTrader_Setup_v1.0.0.exe) — the main trading application
- **IB Gateway** — the API bridge to your Interactive Brokers account
- **This PDF guide** — for reference during setup

Verify Your Download

To confirm the installer was not tampered with, open Command Prompt and run:

```
certutil -hashfile SignalTrader_Setup_v1.0.0.exe SHA256
```

Compare the output with the SHA-256 hash shown on the download page.

WARNING: If your browser or antivirus blocks the download, see Section 9 (Antivirus Exclusions).

VPS Users: If Your Browser Is Blocked

```
Invoke-WebRequest -Uri  
"https://www.asgspxusfarms.com/downloads/SignalTrader_Setup_v1.0.0.exe" -OutFile  
"$env:USERPROFILE\Desktop\SignalTrader_Setup.exe"
```

3. Install IB Gateway

IB Gateway must be installed and running BEFORE you use SignalTrader.

STEP 01

Run the IB Gateway installer

Double-click the IB Gateway installer. If SmartScreen appears, click **More info** then **Run anyway**.

STEP 02

Follow the Setup Wizard

Click **Next** through the wizard. Accept defaults. Click **Install** then **Finish**.

STEP 03

Launch IB Gateway

Double-click the **IB Gateway** icon on your desktop. On the login screen:

- Select "**IB API**" as the connection type (not "TWS")
- Enter your Interactive Brokers username and password
- Click "**Log In**"

STEP 04

Verify Connection

You should see a green status indicating you are connected. Keep this window open.

IMPORTANT: IB Gateway must be running whenever you use SignalTrader. If you close it, SignalTrader loses its broker connection.

4. Install SignalTrader Client

Windows PC Installation

STEP 01

Run the installer

Double-click **SignalTrader_Setup_v1.0.0.exe**.

STEP 02

Handle SmartScreen (if it appears)

Windows may show a blue popup saying "Windows protected your PC". This is normal.

- Click "**More info**"
- Click "**Run anyway**"

STEP 03

Follow the Setup Wizard

- Accept the default install location (C:\Program Files\SignalTrader\)
- Check **Create a desktop shortcut**
- Check **Start SignalTrader on Windows startup** if on VPS
- Click **Install**

STEP 04

Installation completes

The installer also installs the Visual C++ Runtime if needed.

VPS Silent Installation (No GUI)

```
SignalTrader_Setup_v1.0.0.exe /VERYSILENT /SUPPRESSMSGBOXES  
  
:: Install to custom directory SignalTrader_Setup_v1.0.0.exe /VERYSILENT  
/DIR="D:\SignalTrader" :: Install with auto-start enabled  
SignalTrader_Setup_v1.0.0.exe /VERYSILENT /MERGETASKS="autostart"
```

5. Configure IB Gateway for API Access

SignalTrader communicates with IB Gateway through its API. You need to enable API connections.

STEP 01

Open IB Gateway Configuration

In IB Gateway, click the **Configure** (gear icon) at the top. Then go to **Settings > API > Settings**.

STEP 02

Enable API Settings

Configure these settings exactly as shown:

Setting	Value	Why
Enable ActiveX and Socket Clients	Checked	Required for API connection
Socket Port	4001 (live) or 4002 (paper)	Must match SignalTrader config
Allow connections from localhost only	Checked	Security — only local apps connect
Read-Only API	UNCHECKED	SignalTrader must place orders

STEP 03

Apply and Restart

Click **Apply** then **OK**. Restart IB Gateway for changes to take effect.

WARNING: If Read-Only API is checked, SignalTrader can see data but CANNOT place trades. Make sure it is unchecked.

6. Remove API Trading Restrictions in IB Gateway

By default, IB Gateway has several safety restrictions that will block automated trading. You **must** disable these for SignalTrader to work properly.

6.1 — Disable API Order Confirmation Popups

By default, IB Gateway shows a confirmation dialog for every order placed via API. This blocks automated trading because the order waits for you to click a button.

STEP 01

Open API Precautions

In IB Gateway: **Configure** (gear icon) > **Settings** > **API** > **Precautions**

STEP 02

Disable ALL precaution checkboxes

Uncheck every box in this section:

- **Bypass Order Precautions for API Orders** — Check this ON (this is the master override)
- **Size limit** — Uncheck or set very high
- **Total value limit** — Uncheck or set very high
- **Percentage change** — Uncheck

IMPORTANT: If you skip this step, every order will hang waiting for manual confirmation and your trades will NOT execute.

6.2 — Enable API Order Execution

Go back to **Configure** > **Settings** > **API** > **Settings** and verify:

- **Read-Only API = UNCHECKED** (most critical — if checked, no orders can be placed)
- **Enable ActiveX and Socket Clients = Checked**
- **Socket port = 4001** (live) or **4002** (paper)
- **Allow connections from localhost only = Checked**
- **Master API client ID =** leave blank or set to the ID SignalTrader uses

6.3 — Disable Order Confirmation in TWS/Gateway Settings

Additionally, go to **Configure > Settings > Orders** and check these:

- **Auto-confirm all orders** — Enable if available
- **Suppress order confirmation dialogs** — Enable if available
- Remove any **price cap** or **size cap** warnings that could block orders

6.4 — Verify API Permissions on IBKR Account

Some restrictions are set at the **account level** in IBKR Account Management (not in IB Gateway). Log in to your IBKR account online:

STEP 01

Log in to IBKR Account Management

Go to <https://www.interactivebrokers.com> > Log In > **Account Management / Portal**

STEP 02

Check Trading Permissions

Navigate to **Settings > Account Settings > Trading Permissions**

Make sure you have permissions enabled for:

- **United States** — Stocks, Options (for SPX)
- **Options trading** — Must be enabled and approved

STEP 03

Enable API Access

Navigate to **Settings > Account Settings > API Settings** (or search "API")

- **Enable API trading** — Make sure this is ON
- **Trusted IPs** — Add **127.0.0.1** (localhost) if required

TIP: After changing account-level settings, you may need to log out of IB Gateway and log back in for changes to take effect.

6.5 — Quick Verification Checklist

Setting	Where	Required Value
Read-Only API	IB Gateway > API > Settings	UNCHECKED

ActiveX and Socket Clients	IB Gateway > API > Settings	CHECKED
Socket Port	IB Gateway > API > Settings	4001 (live) / 4002 (paper)
Bypass Order Precautions	IB Gateway > API > Precautions	CHECKED (bypass ON)
API Trading	IBKR Account > API Settings	ENABLED
US Options Permissions	IBKR Account > Trading Permissions	ENABLED

7. Launch and Connect SignalTrader

STEP 01

Ensure IB Gateway is running

Make sure IB Gateway is open and logged in with green connection status.

STEP 02

Launch SignalTrader

Double-click the **SignalTrader** shortcut on your desktop.

STEP 03

Enter your credentials

Enter the credentials provided to you for the ASG trading system.

STEP 04

Verify connections

Once connected, SignalTrader should show:

- **Backend connection** — green/connected (ASG signal server)
- **IB Gateway connection** — green/connected (your broker)
- Your account information and position data

TIP: If either connection shows red/disconnected, check the Troubleshooting section (Section 12).

8. Windows Firewall Configuration

The installer automatically adds firewall rules. If you have connection issues, add them manually:

Check Existing Rules

```
netsh advfirewall firewall show rule name="SignalTrader"
```

Add Rules Manually (If Missing)

```
:: Allow incoming netsh advfirewall firewall add rule name="SignalTrader" dir=in  
action=allow program="C:\Program Files\SignalTrader\SignalTrader.exe" enable=yes  
profile=any :: Allow outgoing netsh advfirewall firewall add rule name="SignalTrader  
Out" dir=out action=allow program="C:\Program Files\SignalTrader\SignalTrader.exe"  
enable=yes profile=any
```

TIP: On Windows Server (VPS), firewalls are stricter. Always verify both inbound and outbound rules.

9. Antivirus Exclusions

Some antivirus may flag SignalTrader as suspicious. This is a false positive.

Windows Defender

- Open **Windows Security > Virus & threat protection**
- Click **Manage settings**
- Scroll to **Exclusions > Add or remove exclusions**
- Add folder: **C:\Program Files\SignalTrader**

If Installer Was Blocked

- **Windows Security > Virus & threat protection > Protection history**
- Find the blocked file > **Actions > Allow on device**

10. VPS-Specific Setup (Windows Server)

Setting	Desktop Windows	Windows Server
VC++ Runtime	Usually installed	Often MISSING
Windows Defender	Enabled	May be disabled
IE Security	Normal	Enhanced (blocks downloads)
Firewall	Standard	Stricter defaults

Disable IE Enhanced Security (If Needed)

```
REG ADD "HKLM\SOFTWARE\Microsoft\Active Setup\Installed  
Components\{A509B1A7-37EF-4b3f-8CFC-4F3A74704073}" /v "IsInstalled" /t REG_DWORD /d  
0 /f REG ADD "HKLM\SOFTWARE\Microsoft\Active Setup\Installed  
Components\{A509B1A8-37EF-4b3f-8CFC-4F3A74704073}" /v "IsInstalled" /t REG_DWORD /d  
0 /f
```

Or download using PowerShell:

```
Invoke-WebRequest -Uri  
"https://www.asgspexusfarms.com/downloads/SignalTrader_Setup_v1.0.0.exe" -OutFile  
"$env:USERPROFILE\Desktop\SignalTrader_Setup.exe"
```

11. Auto-Start on Boot

Option A: Installer Checkbox (Simplest)

During installation, check "**Start SignalTrader automatically when Windows starts**".

Option B: Task Scheduler (More Reliable for VPS)

```
:: Start when user logs in schtasks /create /tn "SignalTrader" /tr "\"C:\Program  
Files\SignalTrader\SignalTrader.exe\"" /sc onlogon /rl highest /f :: Start even when  
nobody is logged in (VPS) schtasks /create /tn "SignalTrader" /tr "\"C:\Program  
Files\SignalTrader\SignalTrader.exe\"" /sc onstart /rl highest /ru SYSTEM /f
```

WARNING: IB Gateway also needs to be running. Set up auto-start for IB Gateway too.

12. Troubleshooting Common Issues

App crashes or closes immediately

Check the log file at:

```
%APPDATA%\SignalTrader\logs\
```

"VCRUNTIME140.dll not found" error

- Download from: https://aka.ms/vs/17/release/vc_redist.x64.exe
- Install and restart your computer

Cannot connect to backend server

- Check internet connection
- Verify firewall rules (Section 8)
- Check antivirus exclusions (Section 9)

Cannot connect to IB Gateway

- Make sure IB Gateway is running and logged in
- Verify API port matches (4001 live / 4002 paper)
- "Enable ActiveX and Socket Clients" must be checked
- "Read-Only API" must be UNCHECKED
- Check that API Precautions are bypassed (Section 6)

Orders not executing / hanging

- **Most common cause:** API Precautions are still enabled (Section 6.1)
- Check that "Bypass Order Precautions for API Orders" is ON
- Verify trading permissions in your IBKR account (Section 6.4)
- Make sure you have sufficient buying power / margin

SmartScreen blocks the installer

Click "**More info**" then "**Run anyway**".

13. Getting Support

Channel	Details
Telegram Support	@ASG_SPX — message directly for help
Download Page	www.asgspexusfarms.com/downloads/
Log Files	%APPDATA%\SignalTrader\logs\

When contacting support, please include:

- Your Windows version
- Whether you are on a PC or VPS
- The log file from %APPDATA%\SignalTrader\logs\
- A screenshot of any error message

Thank you for using SignalTrader. Happy trading!