

Windows Installation Guide

Smart Options Screener & Paper Trade App

Prerequisites (One-time Setup)

Install these on your build machine:

Software	Download URL	Notes
Python 3.10+	python.org/downloads	✓ Check "Add Python to PATH"
Git	git-scm.com/download/win	For cloning repository
Inno Setup	jrsoftware.org/isdl.php	For creating installers
PostgreSQL (Optional)	postgresql.org/download/windows	Only for Paper Trade App persistence

Building the Installers

Step 1: Clone the Repository

```
git clone https://github.com/manish-ongithub/option_testing_qwen.git
cd option_testing_qwen
```

Step 2: Build Both Applications

Option A: One-Click Build (Recommended)

```
.\build_all.bat
```

Option B: Build Individually

```
# For Options Screener only
.\build_installer.bat

# For Paper Trade App only
.\build_paper_trade.bat
```

Step 3: Create Installers with Inno Setup

- Open **Inno Setup Compiler**
- File → Open → Select the .iss file
- Build → Compile (or press Ctrl+F9)

Application	Inno Setup File	Output Installer
Options Screener	installer\OptionsScreener_Setup.iss	OptionsScreener_Setup_v3.3.exe
Paper Trade App	installer\PaperTradeApp_Setup.iss	PaperTradeApp_Setup_v1.0.exe

Installing Smart Options Screener

Step	Action
1	Double-click OptionsScreener_Setup_v3.3.exe
2	Click Next on Welcome screen
3	Choose installation folder (default is fine)
4	Optionally check "Create a desktop shortcut"
5	Click Install
6	Click Finish (optionally launch the app)

Post-Installation: None required - works out of the box! ✓

Installing Paper Trade App

Step	Action
1	Double-click PaperTradeApp_Setup_v1.0.exe
2	Click Next on Welcome screen
3	Choose installation folder (default is fine)
4	Optionally check "Create a desktop shortcut"
5	Click Install
6	Click Finish (optionally launch the app)

Post-Installation Setup:

1. Navigate to installation folder:

```
C:\Users\<YourUsername>\AppData\Local\Programs\Paper Trade App\
```

2. Copy config_example.py to config.py:

```
copy config_example.py config.py
```

3. Edit config.py with your API credentials (if using live data)
4. Place alert JSON files in the alerts_inbox folder

PostgreSQL Database (OPTIONAL):

The app works without PostgreSQL (uses in-memory storage). To enable persistent storage across sessions:

- Install PostgreSQL: <https://www.postgresql.org/download/windows/>


- Create database: `CREATE DATABASE paper_trade;`
- In config.py, set: `ENABLE_PERSISTENCE = True`
- Update DB_CONFIG with your PostgreSQL credentials

Launching Applications

Method	Options Screener	Paper Trade App
Start Menu	Start → Smart Options Screener	Start → Paper Trade App
Desktop	Double-click desktop icon	Double-click desktop icon

Uninstalling

Method 1: Windows Settings

- Settings → Apps → Installed Apps
- Find the application → Click  → Uninstall

Method 2: Start Menu

- Start → [App Name] → Uninstall

Troubleshooting

Issue	Solution
VCRUNTIME140.dll not found	Install Visual C++ Redistributable from: https://aka.ms/vs/17/release/vc_redist.x64.exe
Qt platform plugin error	Reinstall the application
App crashes on startup	Right-click → Run as administrator (first time)
Windows protected your PC	Click "More info" → "Run anyway"

Quick Reference

Application	Installer File	Default Install Location
Options Screener	OptionsScreener_Setup_v3.3.exe	%LocalAppData%\Programs\Smart Options Screener

Paper Trade App	PaperTradeApp_Setup_v1.0.exe	%LocalAppData%\Programs\Paper Trade App
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