

RotationPro — Installation guide (step by step)

Version: 1.1

For: Bloomberg Terminal users on Windows 10 or 11

Typical install folder: `C:\blp\data`

Send this guide as a PDF together with **setup.zip** and the customer’s **license key** (in the same Bloomberg IB message).

Before you start

You need:

- A Windows PC with **Bloomberg Terminal**
- The **setup.zip** file (attached in your IB chat)
- Your **license key** (text in the same IB message, e.g. `E-6286-0997`)
- Internet access (for one-time license activation)

Do every step in order. Do not skip steps.

What you will receive

Item	What it is
setup.zip	The installer (about 3 MB)
License key	Text next to the file in IB (you type this in later)
This guide	PDF with pictures

Step 1 — Download setup.zip from Bloomberg IB

1. Open the **Instant Bloomberg (IB)** message from your administrator.
2. Find the attachment **setup.zip**.
3. Click **setup.zip** so the menu appears.
4. Click **Save File** (download icon).
5. Bloomberg usually saves downloads to:

C:\blp\data

6. **Copy your license key** from the same message (e.g. `E-6286-0997`). You will need it in Step 6.

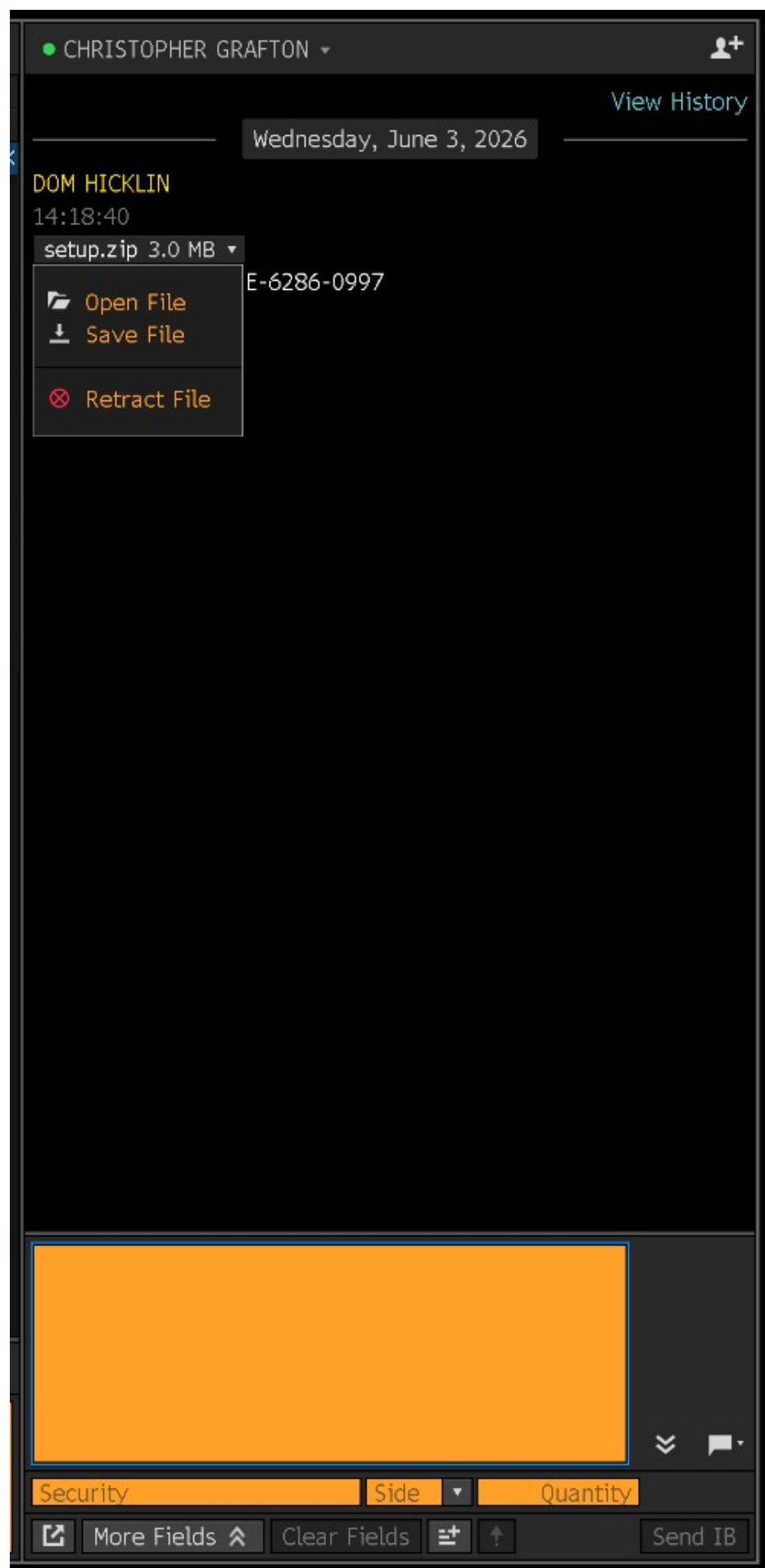


Figure 1: Use **Save File**, not **Open File**. Note the license key in the message.

If your PC does not use C:\b1p\data

Some desks use a different Bloomberg data folder. After **Save File**:

1. Open **File Explorer** (yellow folder on the taskbar).
 2. Check **Downloads**, or search for **setup.zip**.
 3. Move **setup.zip** to **C:\b1p\data** if you have that folder, or remember the folder where you saved it — you will need it in Step 3.
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Step 2 — Show file extensions (important)

Windows often hides **.zip** and **.exe**. Turn extensions on **once**:

Windows 11

1. Open **File Explorer** → go to the folder with **setup.zip**
2. Click **View** (top menu)
3. Turn on **File name extensions**

Windows 10

1. Open **File Explorer** → folder with **setup.zip**
2. Click **View** → tick **File name extensions**

You should see **setup.zip** (not just “setup”). Later you will see **setup.exe**.

If you cannot find “File name extensions”

Look for a file with a **zipper** icon named **setup** — that is **setup.zip**.

Step 3 — Extract (unzip) the installer

Do not double-click setup.exe while it is still inside the zip.

1. Go to the folder that contains **setup.zip** (usually **C:\b1p\data**).
2. **Right-click setup.zip**.
3. Click **Extract All...**

SSD (C:) > blp > data

Name	Date modified	Type	Size
setup.zip	03/06/2026 14:20	Compressed (zipp...	3,056 KB
log3.txt		TXT File	149 KB
image (16).png		PNG File	42 KB
log2.txt		TXT File	111 KB
log.txt		TXT File	16 KB
KISMET 27 MAY 2026.pdf		Microsoft Edge P...	229 KB
naming colours2.xlsx		Microsoft Excel W...	13 KB
naming colours (1).xlsx		Microsoft Excel W...	12 KB
Kismet - FINAL 30 APRIL 2026-2.pdf		Microsoft Edge P...	292 KB
app_51d46eb1-14a2-4e1d-be14-10e5a61		LOG File	444 KB
app_51d46eb1-14a2-4e1d-be14-10e5a61		LOG File	737 KB
app_51d46eb1-14a2-4e1d-be14-10e5a61		LOG File	1,549 KB
blpsmarthostinf.20260323.zip		Compressed (zipp...	259 KB
app_51d46eb1-14a2-4e1d-be14-10e5a61		LOG File	1,549 KB
app_51d46eb1-14a2-4e1d-be14-10e5a61		LOG File	1,549 KB
4215008_blpsmarthostinf.20260326.log		LOG File	15,011 KB
4215008_blpsmarthostinf.20260326 (1).log		LOG File	15,011 KB
4215008_blpsmarthostinf.20260323.log		LOG File	5,974 KB
4215008_blpsmarthostinf.20260327.log		LOG File	2,543 KB
4215008_blpsmarthostinf.20260324.log		LOG File	2,202 KB
4215008_blpsmarthoststartup.log		LOG File	65 KB
log 26-3.txt		TXT File	258 KB
5day factors.pdf		Microsoft Edge P...	420 KB
naming colours.xlsx		Microsoft Excel W...	13 KB
image (15).png		PNG File	58 KB
image (14).png	04/03/2026 09:45	PNG File	143 KB
5251950_app_51d46eb1-14a2-4e1d-be14-10e5a615fbb4.log	04/03/2026 09:44	LOG File	885 KB
Screenshot 2026-01-23 112759.jpg	17/02/2026 12:22	JPG File	4 KB
image (12) (1).png	23/01/2026 11:25	PNG File	6 KB
image (12).png	23/01/2026 11:21	PNG File	6 KB

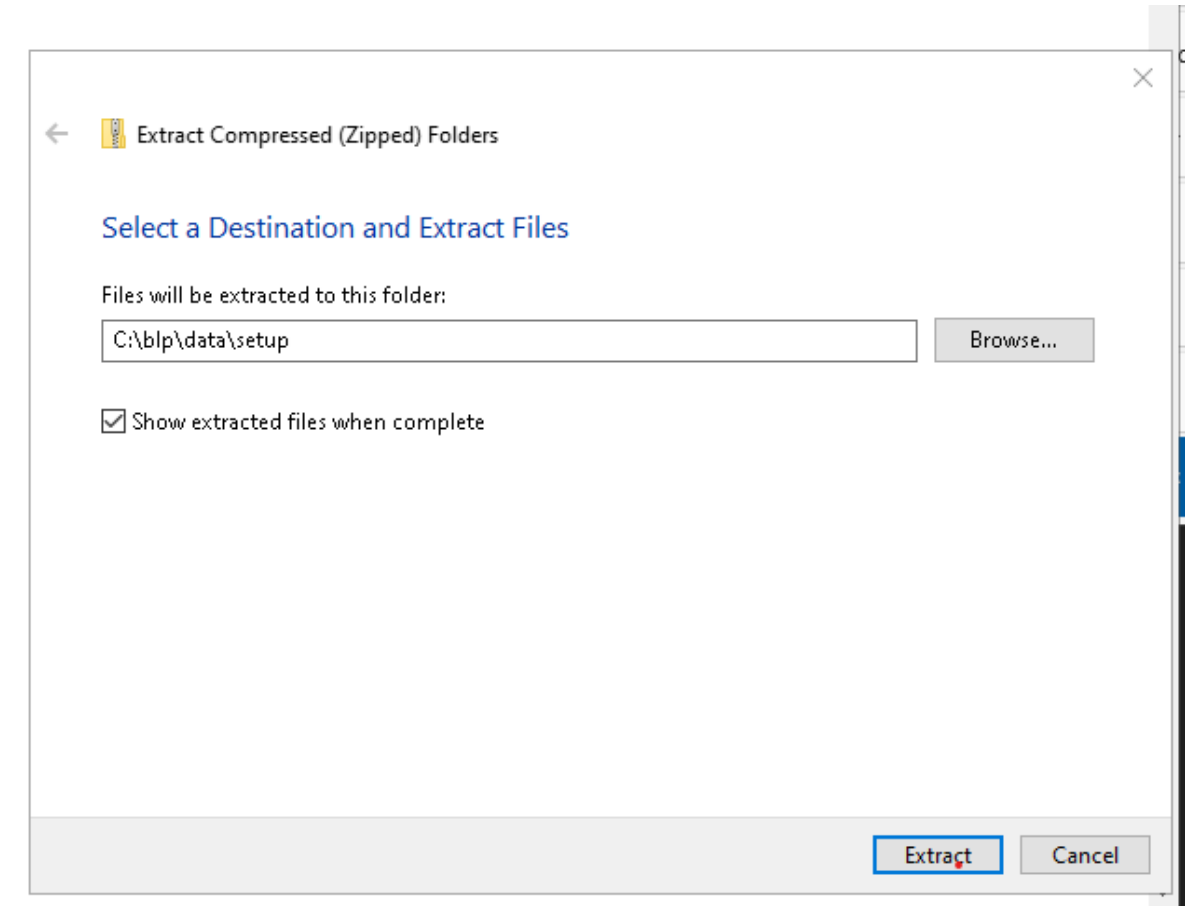
4. In **Files** will be extracted to this folder, use:

C:\blp\data\setup

(You can use **Browse...** to pick another folder — remember which one.)

5. Leave **Show extracted files when complete** ticked.

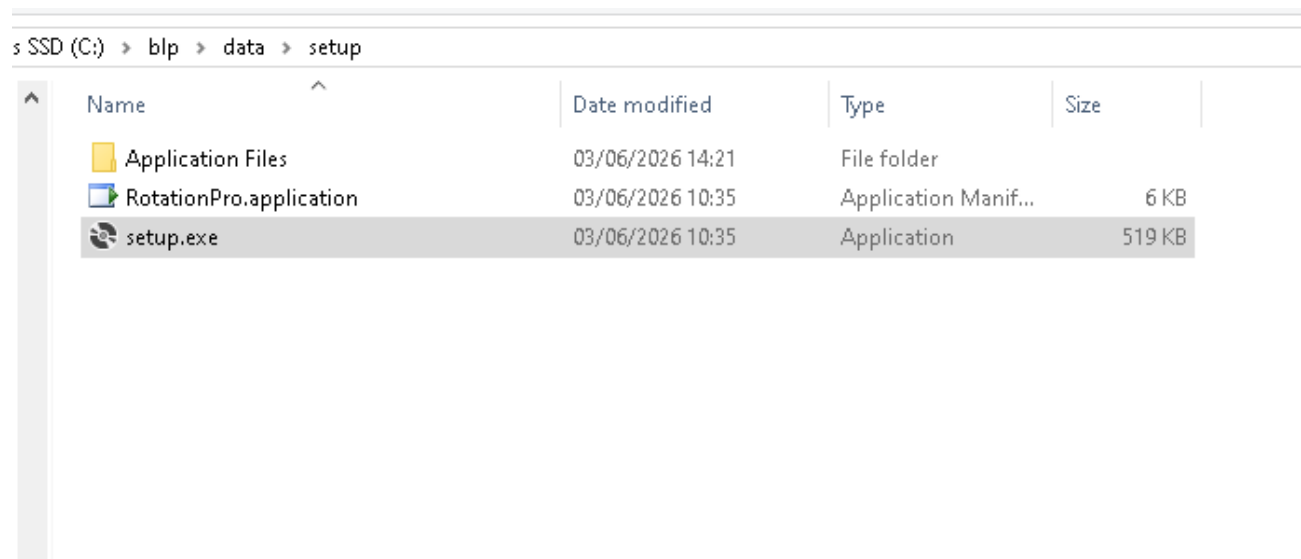
6. Click **Extract**.



A new folder opens (e.g. `C:\blp\data\setup`).

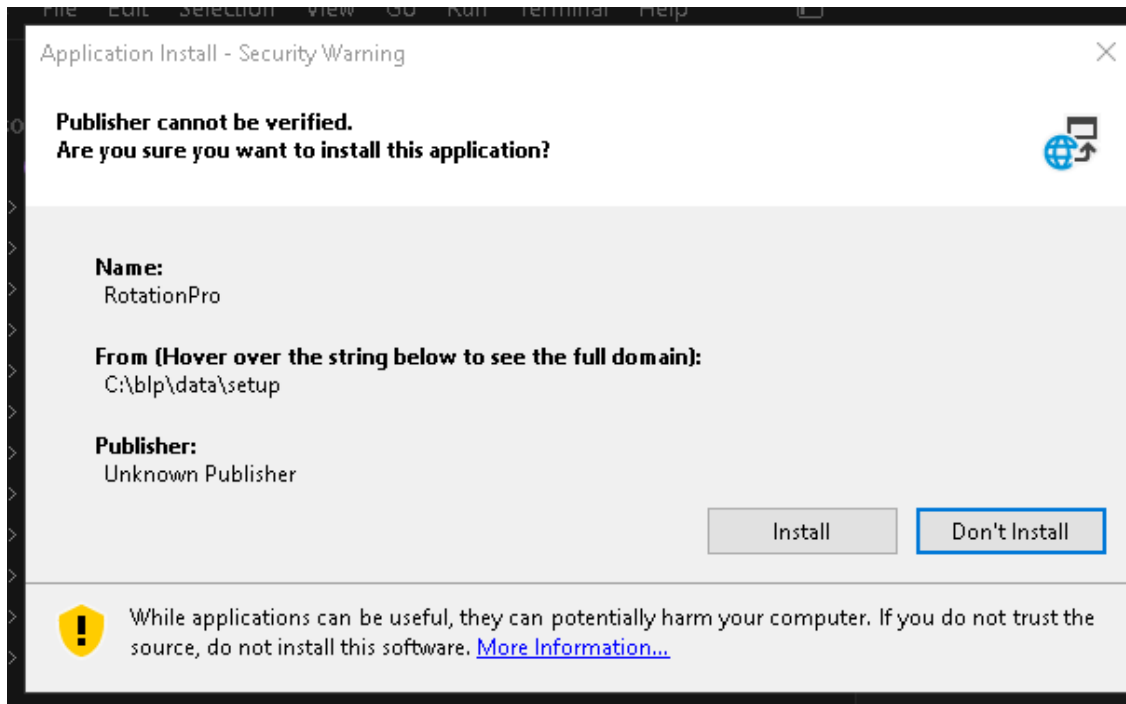
Step 4 — Run the installer

1. In the **setup** folder you should see:
 - **setup.exe** (this is what you run)
 - **RotationPro.application**
 - **Application Files** (folder — do not open this)
2. **Double-click setup.exe**
(If extensions are hidden, it may show as **setup** with a disc icon — same file.)



3. If Windows shows **Publisher cannot be verified** or **Unknown Publisher**:

- Click **Install** (not "Don't Install").



4. If you see **Windows protected your PC** (SmartScreen) instead:

- Click **More info**
- Click **Run anyway**
- Then click **Install**

5. Wait for the install to finish → click **Finish**.

Run setup.exe only from the extracted folder, not from inside the zip.

Step 5 — Open RotationPro from the Start menu

You do **not** run **setup.exe** again for daily use.

1. Press the **Windows** key (between Ctrl and Alt).
2. Type: **RotationPro** (you can type the first few letters, e.g. **rot**).
3. Click **RotationPro** under **Best match**, or press **Enter**.

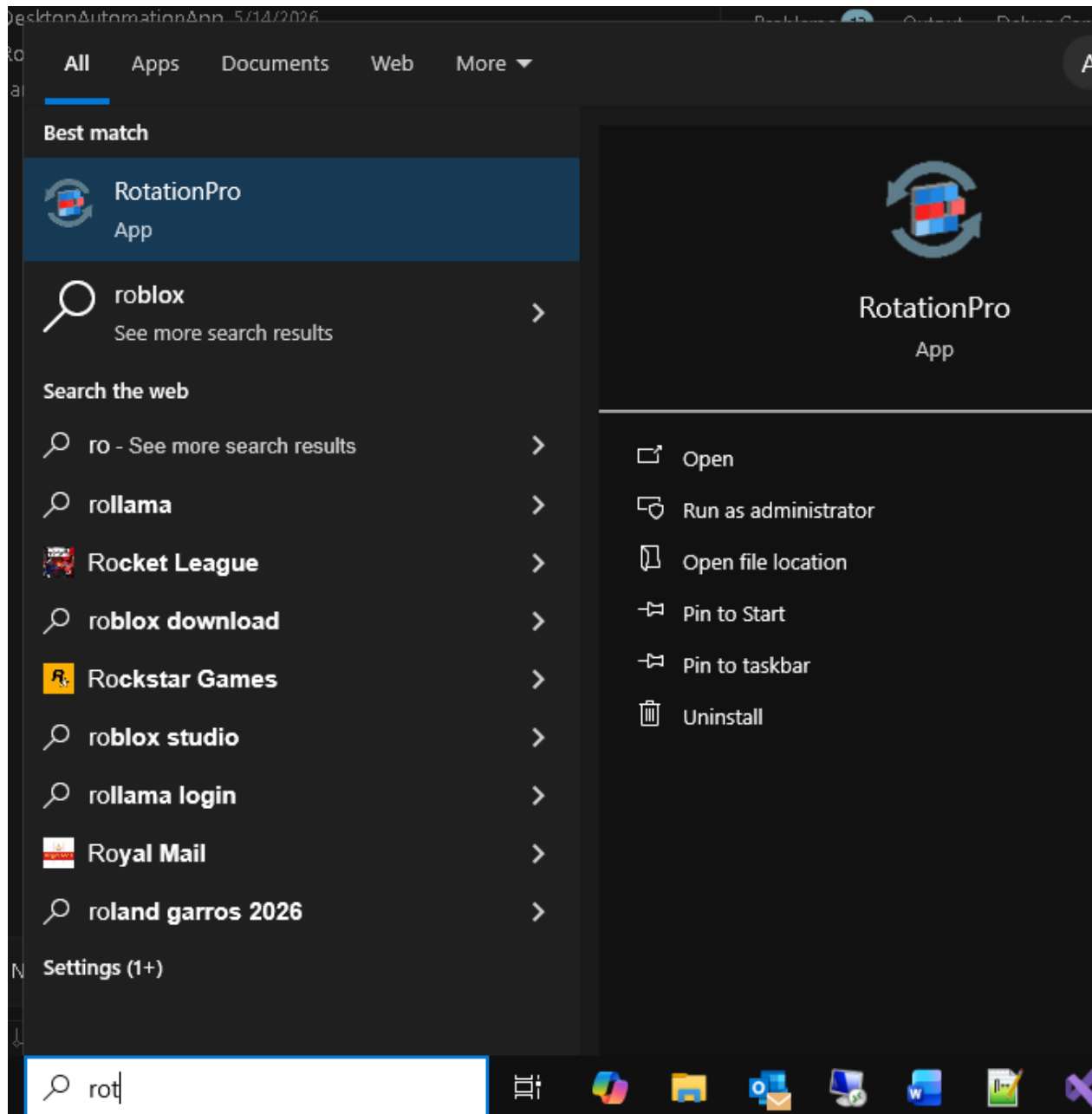


Figure 5: Open **RotationPro** from the search result — do not use **Run as administrator** unless IT asks you to.

If nothing appears, wait one minute and try again, or repeat Step 4.

Step 6 — Enter your license key and email (first run only)

The first time RotationPro starts, a window titled **Activate RotationPro** appears.

1. In **License key**, type the key **exactly** as in your IB message (e.g. **E-6286-0997**).
Copy/paste is best. Check dashes and letters.
2. In **Email (optional)**, enter your work email (recommended so support can find your license).
3. Click **Activate** (or press **Enter**).
4. If activation succeeds, the main RotationPro window opens.
5. If you see a red error message, read it, fix the key or network, and try again.
Click **Exit** only if you want to close without activating.

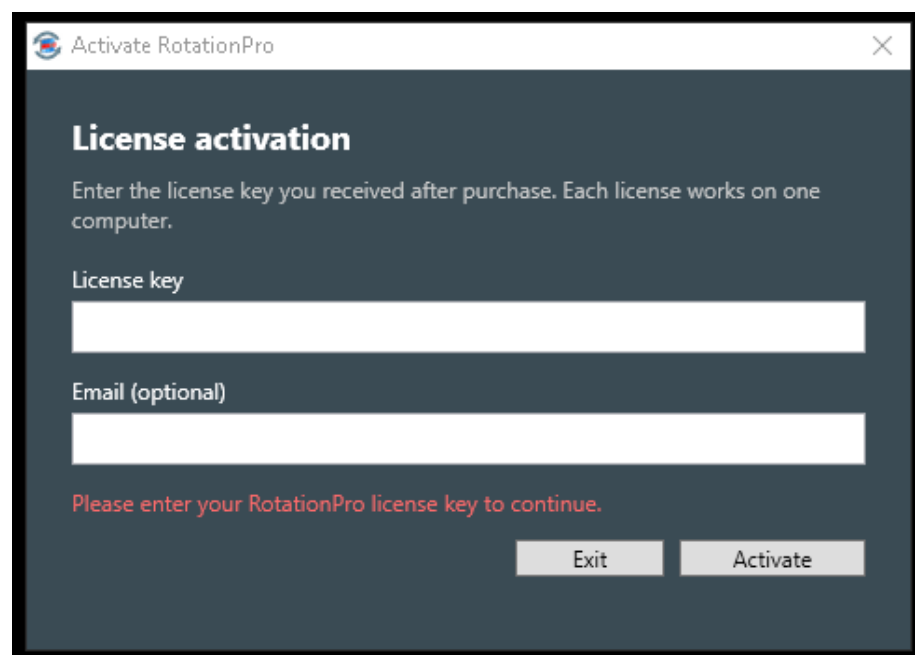


Figure 6: Enter your **license key** (required). **Email** is optional but recommended. Red text appears if the key is missing or invalid.

Activation problems

Message / problem	What to do
Invalid license key	Re-copy the key from IB; check caps and dashes
Network / cannot reach server	Check internet, VPN, proxy; ask IT to allow api.rotationpro.com (HTTPS, port 443)
Already in use on another computer	Contact contact@rotationpro.com to move the license
Window never appears	You may already be activated; if the app won't start, contact support

Step 7 — Confirm it is working

When RotationPro is running you should see:

- Window title: **RotationPro**
- The **RotationPro** logo at the top-left
- The same icon on the Windows **taskbar**
- Your portfolio / chart view (may look different from the example if you use other settings)

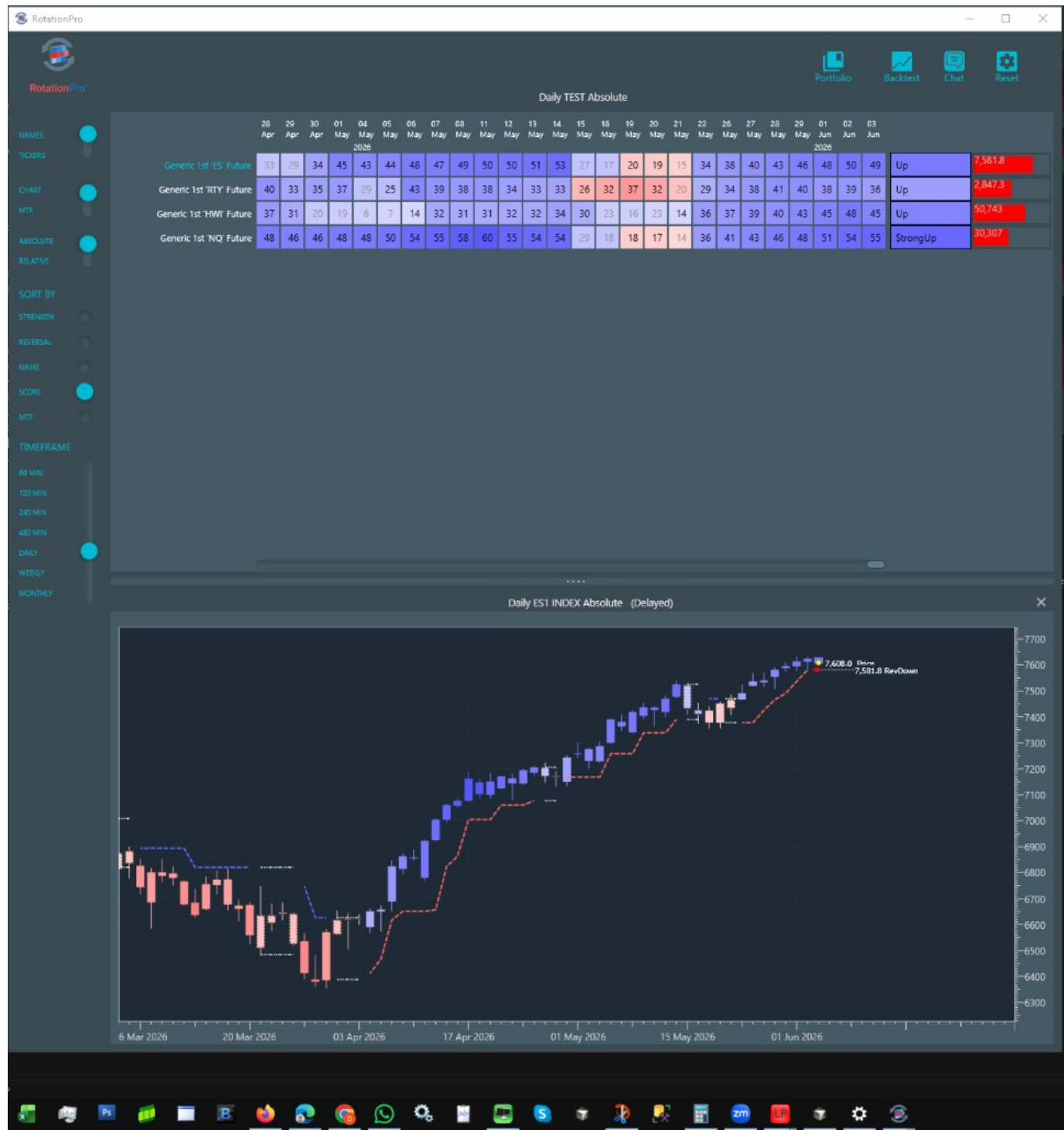


Figure 7: Successful install — main window open.

Pin to taskbar (optional)

- 1. Find **RotationPro** in the Start menu (Step 5).
- 2. Right-click → **Pin to taskbar**.

Quick problems (users)

Problem	What to do
Cannot find setup.exe	Do Step 2; look in the extracted setup folder, not inside the zip

Problem	What to do
Windows blocked install	Step 4 — click Install on the security warning
Invalid license key	Use the key from the IB message exactly
Network error on Activate	IT must allow HTTPS to api.rotationpro.com — see IT section below
Reinstalled but still “expired”	Old license data may remain; delete %AppData%\RotationPro\license-cache.json, then activate again
Still stuck	Email contact@rotationpro.com with a screenshot of the error

For IT managers — installs or activation blocked

Use this section if **setup.exe** will not run, SmartScreen/AppLocker blocks the app, or users see **network / license server** errors on activation.

Same application as the Bloomberg sandbox build

RotationPro distributed via **setup.zip** is the **same desktop application** your users already ran in the **Bloomberg sandbox / pilot** environment:

- Same **RotationPro** UI and **SectorRotationApp** analytics code
- Same **Bloomberg market data** path: local **Bloomberg BLPAPI** (**BloombergIpl.Blpapi.dll**, **BloombergIpl.TerminalApiEx.dll**) talking to the **Terminal on the workstation** — not via the internet
- Same settings/cache locations under %AppData%\RotationPro\ (except a new licensing cache file)

The **only new outbound internet dependency** compared with a pure Terminal-only deployment is **license activation and validation** to **api.rotationpro.com** over **HTTPS**. No other cloud data feed was added for charts or grids.

If the sandbox build worked on your desk, allow the **same** executable behaviour plus **api.rotationpro.com** on **443**.

Network requirements (allow list)

Direction	Protocol	Host	Port	Purpose
Outbound	HTTPS (TLS)	api.rotationpro.com	443	License activation and validation
Inbound	—	—	—	Not required

Test from a user PC (PowerShell):

```
Invoke-WebRequest -Uri "https://api.rotationpro.com/v1/license/health" -UseBasicParsing
```

Expected: HTTP **200** with JSON containing "status":"ok".

TLS: Standard HTTPS. If you use **SSL inspection / corporate proxy**, the inspection CA must be trusted on the PC or activation will fail with certificate or connection errors.

Frequency (typical):

When	Call
First activation	GET /v1/license/public-key then POST /v1/license/activate
While app is open	POST /v1/license/validate about every 12 hours
Offline use	Up to 7 days after last successful online check (cached token)

No admin, telemetry, or update URLs are called by the desktop app beyond these license endpoints.

API calls (what the app sends)

Base URL (Release build): <https://api.rotationpro.com>

Configured in `RotationPro.exe.config` as `LicenseApiBaseUrl`.

Method	Path	When	Body (JSON)
GET	/v1/license/public-key	Before first activate / if key not cached	—
POST	/v1/license/activate	User clicks Activate	licenseKey, email (optional), machineId, appVersion
POST	/v1/license/validate	Periodic while running	licenseKey, machineId, token

- **Content-Type:** `application/json`
- **Timeout:** 30 seconds per request
- **machineId:** SHA-256-based fingerprint (machine name, Windows user SID, registry MachineGuid) — not hardware serials
- **Local cache:** `%AppData%\RotationPro\license-cache.json` (reinstall does not remove it)

The desktop app does **not** call `/v1/admin/*` endpoints.

What is *not* on the internet

These stay **local** (unchanged from sandbox):

- Bloomberg **Terminal / BLPAPI** market data
- User portfolios and cache under `%AppData%\RotationPro\`
- **SQLite** local database (`System.Data.SQLite.dll`)

Firewall rules for Bloomberg Terminal should remain as today. Add **api.rotationpro.com** in addition, not instead.

Why install or run may be blocked (common causes)

Layer	Symptom	Typical cause	Suggested action
Proxy / firewall	Activation "network" error	Block on api.rotationpro.com:443	Allow host; test health URL above
SSL inspection	Certificate / trust errors	MITM without trusted root	Trust inspection CA or bypass for this host

Layer	Symptom	Typical cause	Suggested action
SmartScreen	"Windows protected your PC"	Unknown publisher	More info → Run anyway , or sign/exempt ClickOnce
AppLocker / WDAC	setup.exe or RotationPro.exe denied	Policy blocks %LOCALAPPDATA%\Apps\ or C:\b1p\data\	Allow RotationPro.exe ClickOnce path and/or installer path
Antivirus	Quarantine on extract/run	Heuristic on zip, obfuscated DLLs, or unknown exe	Whitelist install folder and %LOCALAPPDATA%\Apps\2.0\...\RotationPro.exe
DLP	Blocks write to C:\b1p\data or IB download	Policy on Bloomberg data dir	Allow user to extract setup.zip to approved path
ClickOnce trust	Install will not start	Untrusted publisher zone	Trust rotationpro.com publisher after first signed build, or deploy via approved software catalog

Publisher note: Current builds may show **Unknown Publisher** on the ClickOnce prompt. That is a code-signing packaging issue, not a different binary from sandbox. IT exemption is often required until a signed manifest is published.

Installed components (for software inventory)

ClickOnce install (x86, .NET Framework 4.x). Main assemblies:

Component	Role
RotationPro.exe	Shell / licensing startup
RotationPro.Licensing.dll	HTTPS client to api.rotationpro.com
SectorRotationApp.dll (+ related SectorRotationApp.*)	Application UI and logic
BloombergIp.Blpapi.dll / BloombergIp.TerminalApiEx.dll	Bloomberg Terminal API
System.Data.SQLite.dll	Local cache
System.Reactive.*.dll	UI/event plumbing
Microsoft.Practices.Unity.dll	DI (legacy)

Release builds may use **ConfuserEx** obfuscation on core DLLs (same as hardened sandbox builds). Exclusions apply to WPF XAML and **RotationPro.Licensing** for stability.

Proxy PAC / explicit proxy

The app uses **.NET HttpWebRequest** with default system proxy settings. If browsers work but activation fails, ensure **WinHTTP / system proxy** allows **api.rotationpro.com** and **JSON POST** bodies are not stripped.

Support contacts

Issue	Contact
License key / seat transfer	contact@rotationpro.com
Packaging / signed build	RotationPro vendor
Internal allow-list request	Attach this section + health-check result

Internal packaging notes: [INSTALL-PACKAGING.md](#), [LICENSING.md](#)

Document history

Version	Date	Notes
1.0	2026-05	Initial template
1.1	2026-06	IB/setup.zip flow, screenshots, license step, IT manager section