

EuroScope and GNG package Installation

This guide will describe how you install and set up EuroScope using the Swedish GNG package, commonly also called sector file package.

In Europe EuroScope is the most common software used in by controllers in Europe on the VATSIM network, it is the only supported software used in Sweden. EuroScope can be used to observe VATSIM traffic from the ATC's perspective or to become an ATC controller yourself.

EuroScope is only supported by Windows.

There have been members who has been able to adopt it to MacOS, however not without issues.

No support is provided to MacOS users as Euroscope is officially only supported by Windows.

There are several steps to the installation, it is important that each step of the instructions are followed to the last detail. There are no shortcuts.

If you have any issues, primarily contact your mentor, or ask for help in the [#swedish-helpme](#) Discord channel.

EuroScope Installation

EuroScope version 3.2.3.2 is the only version of EuroScope supported for use with the Swedish GNG package.

Newer versions of EuroScope have breaking bugs/issued and changes introduced which are not covered in the documentation available on the Swedish Wiki pages.

There will be no support offered for users who employ other EuroScope versions than 3.2.3.2

Step 1: Install the Visual C++ package from the link below, this is needed to run the Swedish GNG package.

- **Microsoft Visual C++ Redistributable** -
https://aka.ms/vs/17/release/vc_redist.x86.exe

Step 2: Install the EuroScope installer from the link below, this is the only supported EuroScope version for use with the Swedish GNG package.

- **EuroScope installer** -
<https://euroscope.hu/install/EuroScopeSetup.3.2.3.2.msi>

There is no need to change any options during the install process of EuroScope, leave the installation folder as the default filled adress.

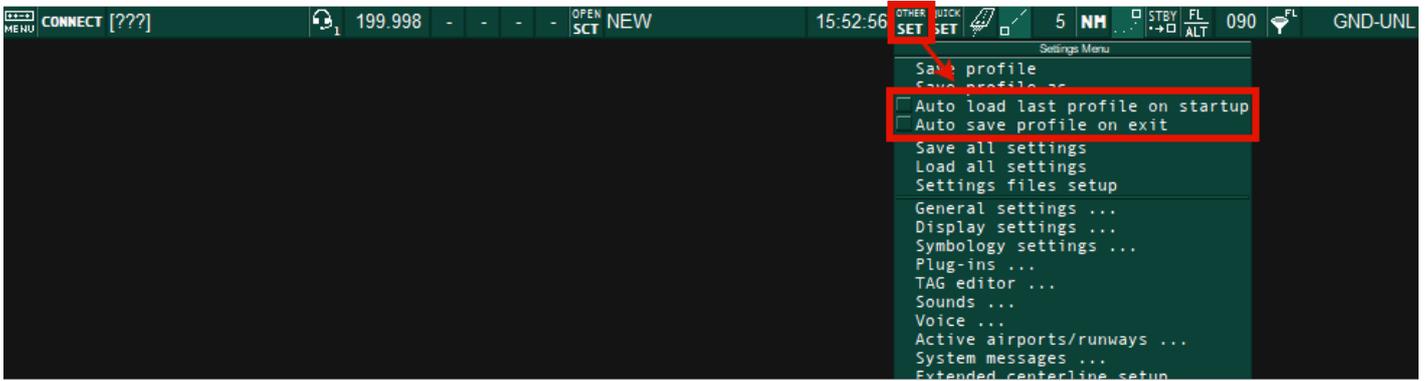
GNG Package Installation

Once you have finished installing EuroScope it is time to download the Swedish GNG package, which contains the data needed for EuroScope to display the Airspace and Procedures specific for Sweden.

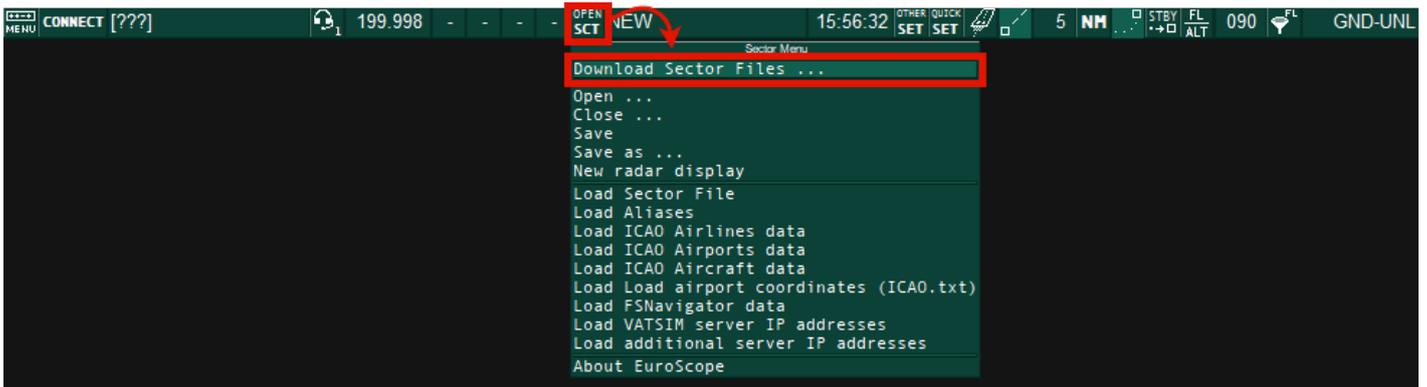
Step 1: Start Euroscope, if asked to open a profile file, click **Cancel**.

Continue to step 2 even if you were not asked to select a profile.

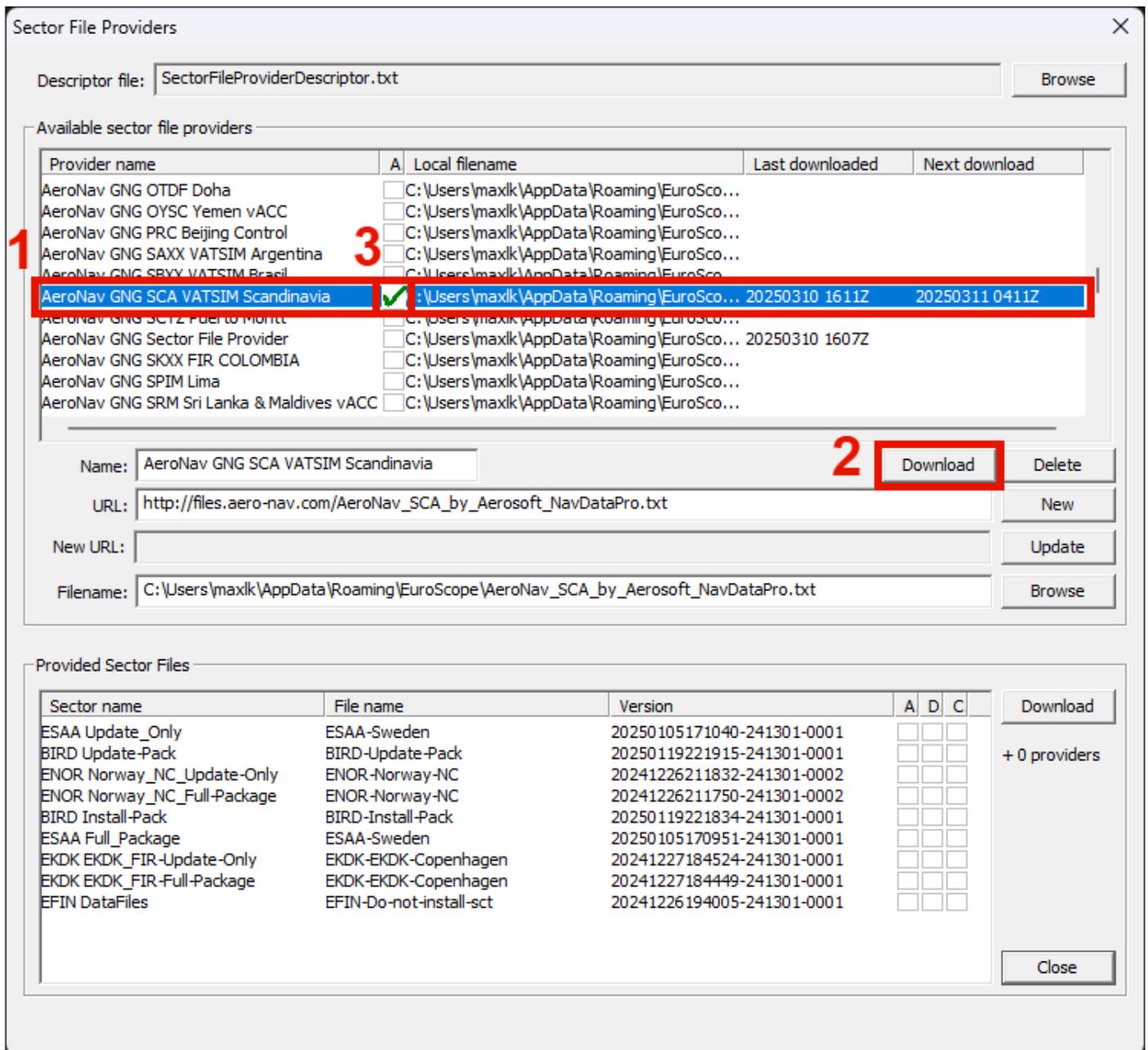
Step 2: Make sure the following options are **deselected** under **OTHER SET** as shown in the picture below.



Step 3: Open the ES Sector File Downloader by pressing **Download Sector Files ...** located under **OPEN SCT**



Step 4: Select and download the "**EuroScope main sector file provider**", then the "**AeroNav GNG Sector File Provider**", following steps 1-4 as shown below.



Step 6: Select the "AeroNav GNG SCA VATSIM Scandinavia" provider, then select and download "ESAA Full_Package" located in in the lower portion of the window, following steps 1-3 as shown below.

Then: Verify that a green checkmark appears in the "D" column, this indicates that the download has completed successfully (step 4 below).

Sector File Providers

Descriptor file:

Available sector file providers

Provider name	A	Local filename	Last downloaded	Next download
AeroNav GNG PRC Beijing Control	<input type="checkbox"/>	C:\Users\maxlk\AppData\Roaming\EuroSco...		
AeroNav GNG SAXX VATSIM Argentina	<input type="checkbox"/>	C:\Users\maxlk\AppData\Roaming\EuroSco...		
AeroNav GNG SBYX VATSIM Brasil	<input type="checkbox"/>	C:\Users\maxlk\AppData\Roaming\EuroSco...		
AeroNav GNG SCA VATSIM Scandinavia	<input checked="" type="checkbox"/>	C:\Users\maxlk\AppData\Roaming\EuroSco...	20250310 1611Z	20250311 0411Z
AeroNav GNG SCTZ Puerto Montt	<input type="checkbox"/>	C:\Users\maxlk\AppData\Roaming\EuroSco...		
AeroNav GNG Sector File Provider	<input type="checkbox"/>	C:\Users\maxlk\AppData\Roaming\EuroSco...	20250310 1607Z	
AeroNav GNG SKXX FIR COLOMBIA	<input type="checkbox"/>	C:\Users\maxlk\AppData\Roaming\EuroSco...		
AeroNav GNG SPIM Lima	<input type="checkbox"/>	C:\Users\maxlk\AppData\Roaming\EuroSco...		
AeroNav GNG SRM Sri Lanka & Maldives vACC	<input type="checkbox"/>	C:\Users\maxlk\AppData\Roaming\EuroSco...		
AeroNav GNG TJZS San Juan CERAP	<input type="checkbox"/>	C:\Users\maxlk\AppData\Roaming\EuroSco...		
AeroNav GNG TTZP Piarco FIR	<input type="checkbox"/>	C:\Users\maxlk\AppData\Roaming\EuroSco...		

Name:

URL:

New URL:

Filename:

Provided Sector Files

Sector name	File name	Version	A	D	C	
ESAA Update_Only	ESAA-Sweden	20250105171040-241301-0001	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="Download"/>
BIRD Update-Pack	BIRD-Update-Pack	20250119221915-241301-0001	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	+ 0 providers
ENOR Norway_NC_Update-Only	ENOR-Norway-NC	20241226211832-241301-0002	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
ENOR Norway_NC_Full-Package	ENOR-Norway-NC	20241226211750-241301-0002	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
BIRD Install-Pack	BIRD-Install-Pack	20250119221834-241301-0001	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
ESAA Full_Package	ESAA-Sweden	20250105170951-241301-0001	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
EKDK EKDK_FIR-Update-Only	EKDK-EKDK-Copenhagen	20241227184524-241301-0001	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
EKDK EKDK_FIR-Full-Package	EKDK-EKDK-Copenhagen	20241227184449-241301-0001	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
EFIN DataFiles	EFIN-Do-not-install-sct	20241226194005-241301-0001	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

A successful download can also be confirmed by checking the message handler at the bottom left of the ES main window as shown in the two bottom rows as shown below.

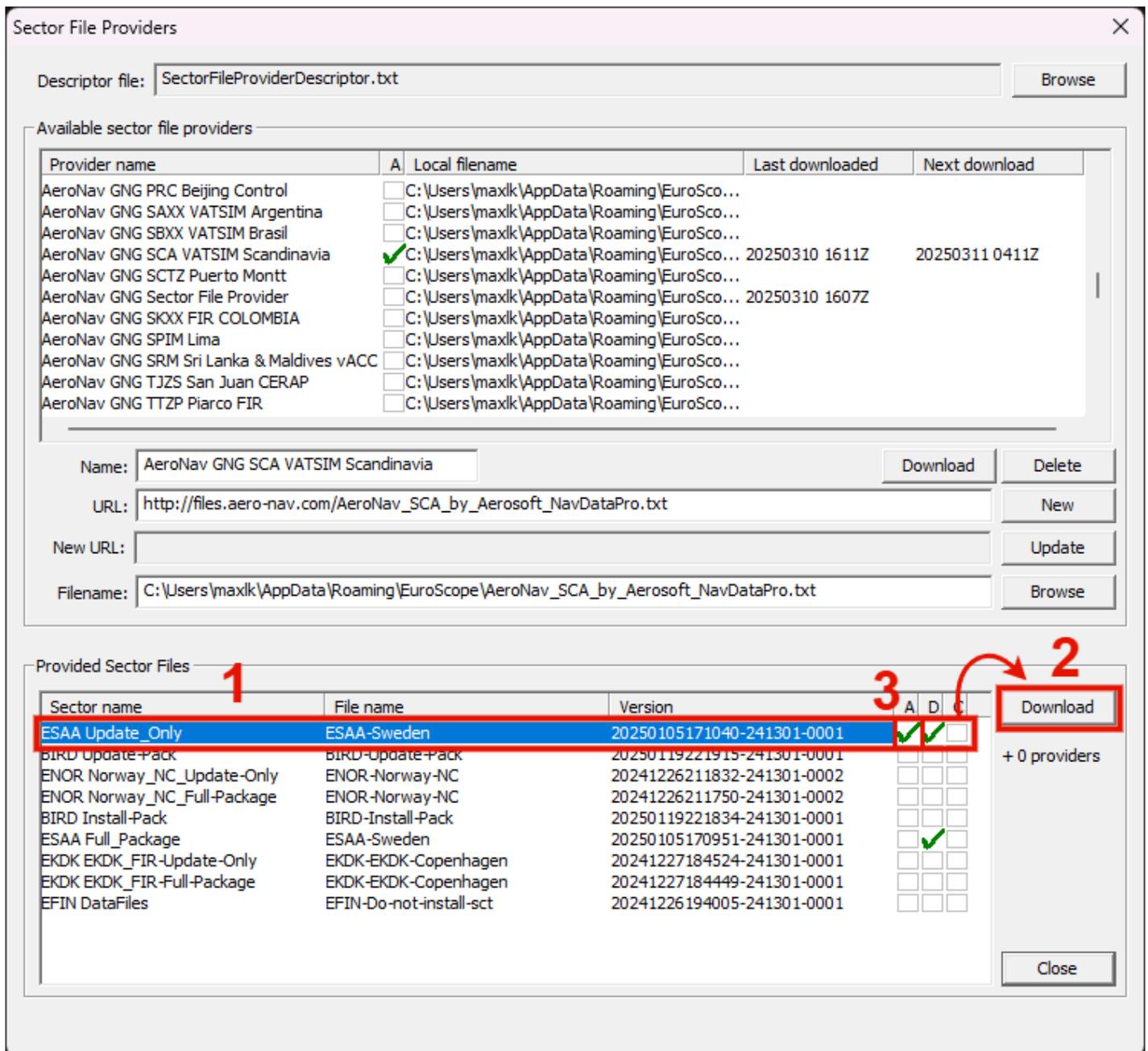
Message

```
[16:52:04] Info: VATSIM data timestamp: 2025-03-10T16:51:37.7369757Z
[16:52:19] Info: VATSIM data downloaded with 1485 pilots and 150 controllers
[16:54:00] Info: Downloading http://files.aero-nav.com/ESAA/Full_Package_20250105170951-241301-1.7z ...
[16:54:08] Info: http://files.aero-nav.com/ESAA/Full_Package_20250105170951-241301-1.7z downloaded.
```

Message|

Step 7: Select and download "ESAA Update_Only", following steps 1-2 as shown below.

Then: Activate automatic downloading of "ESAA Update_Only" by selecting the "A" column, it should show a green checkmark (step 3). **This will keep your GNG package up to date by automatically downloading new versions as they become available.**

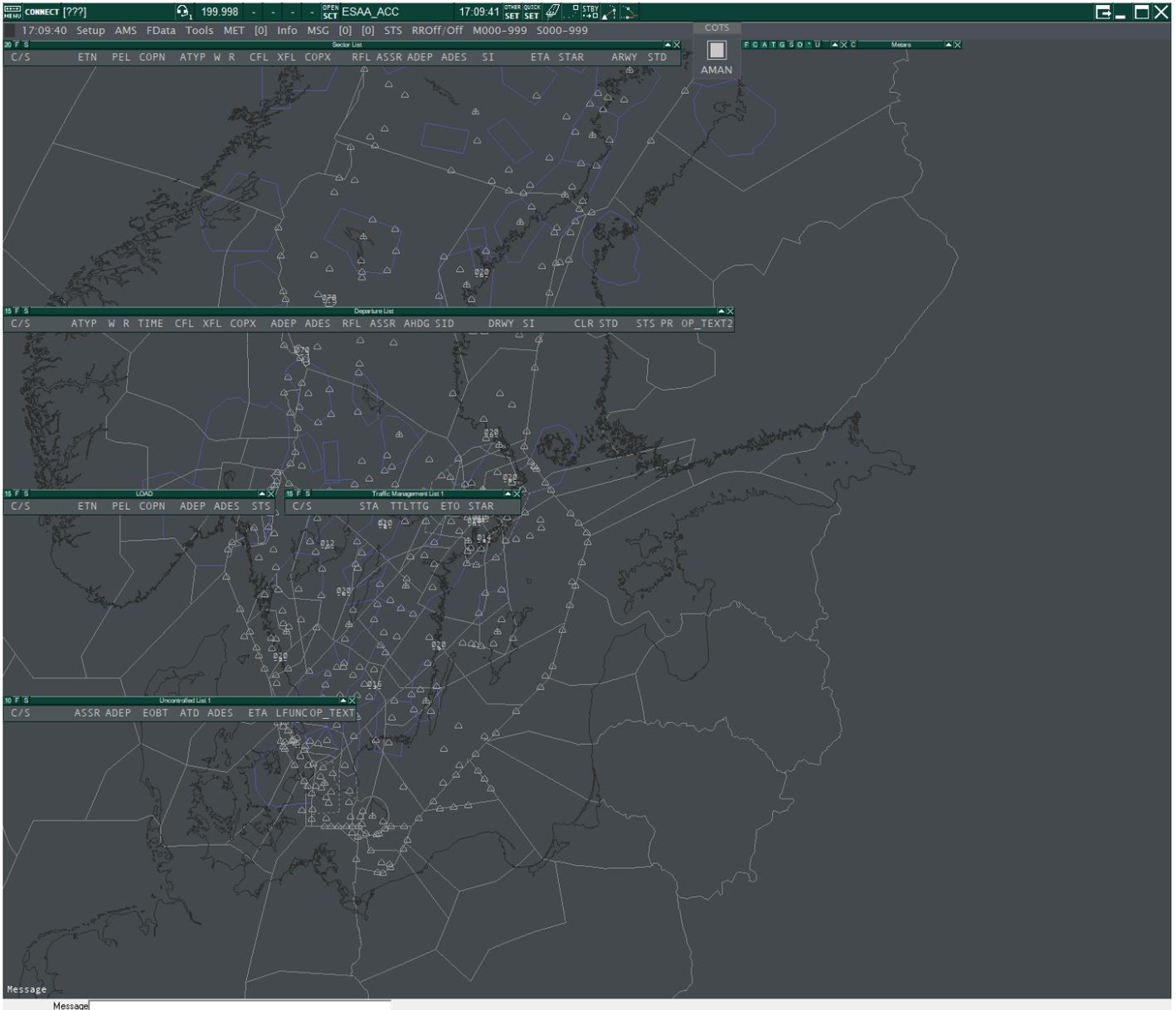


Step 8: Close EuroScope, and press **Cancel All** when it prompts you to save.

Then: Open EuroScope again and select "ESAA TWR.prf" when prompted to select a profile.

If the installation of the GNG package was completed successfully the window should look something like this:

Always run EuroScope from a shortcut, there is a shortcut created in the start menu during the installation process. Check the Q&A on the bottom of this page you are having issues.



If your window does not look like the picture above, something went wrong during the installation process. **Try doing a clean install of the GNG Package** as shown in the Q&A on the bottom of this page:

Keeping the GNG Package updated

If you followed the guide above, ES will automatically notify you and download new files when they become available.

It is mandatory to always use the latest available GNG package. You cannot choose to postpone updating to a later time point, since it is necessary that all controllers use the latest and the same files.

EuroScope does not allow for plugins to overwrite when updating the GNG package using the automatic download. After updating, close EuroScope then go to `%appdata%\EuroScope` -> ESAA > Plugins > Updated Plugin" and copy the .dll files in the folder. Thereafter go back in the "Plugins" folder and paste the .dll files there. Overwrite existing files when prompted.

If you are notified that there is a new version of a plugin available: **Do NOT update it by manually installing a new version of the plugin, wait for a new GNG package to become available.**

New versions of the GNG package are announced in the [#swedish-bulletins](#) Discord channel.

EuroScope notifies you when new files are available.

Click **Yes** in all the following prompts when notified:

- "An updated version is downloaded to replace `XXXX.sct` sector file. Do you want to load and change it?"
- "Do you want to use `C:\..XXX.sct` sector file automatically in all ASR?"
- "Shall I delete the old `C:\..XXX.sct` *sector file*?"

Observer's Guide

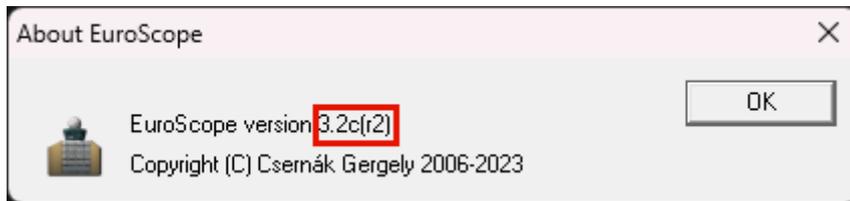
If you want to get going, observing online traffic and controllers, check [THIS GUIDE](#)

Q&A

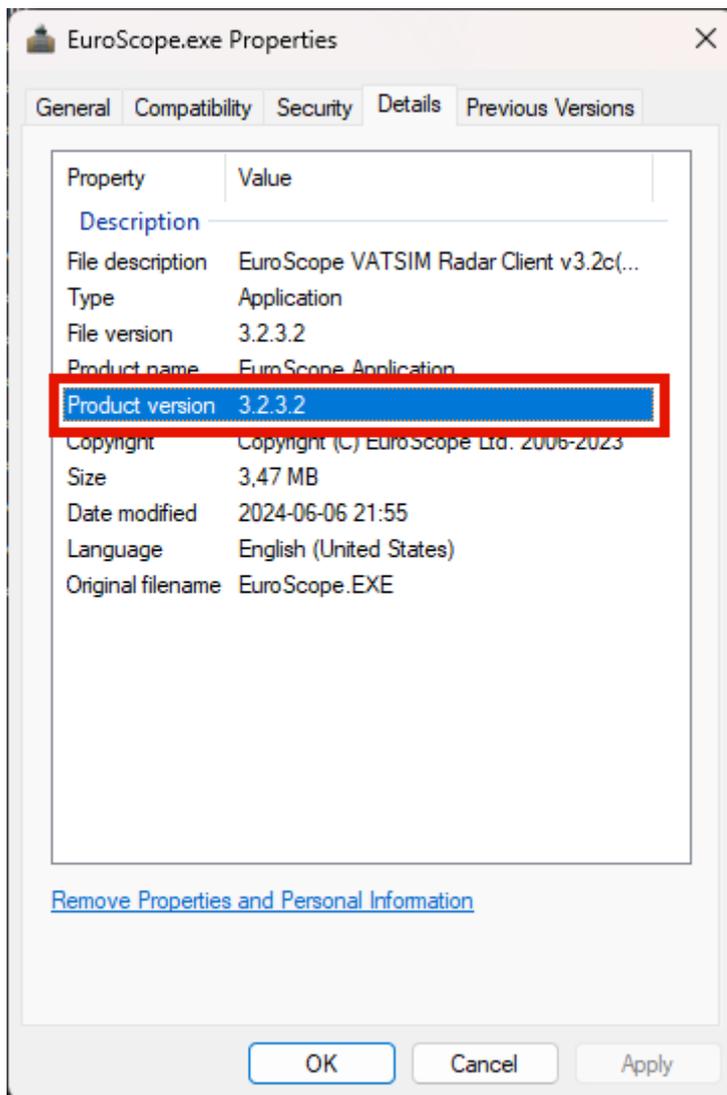
Checking your EuroScope version

If you are unsure which ES version you are running, this can be checked under

OPEN SCT -> **About EuroScope**,



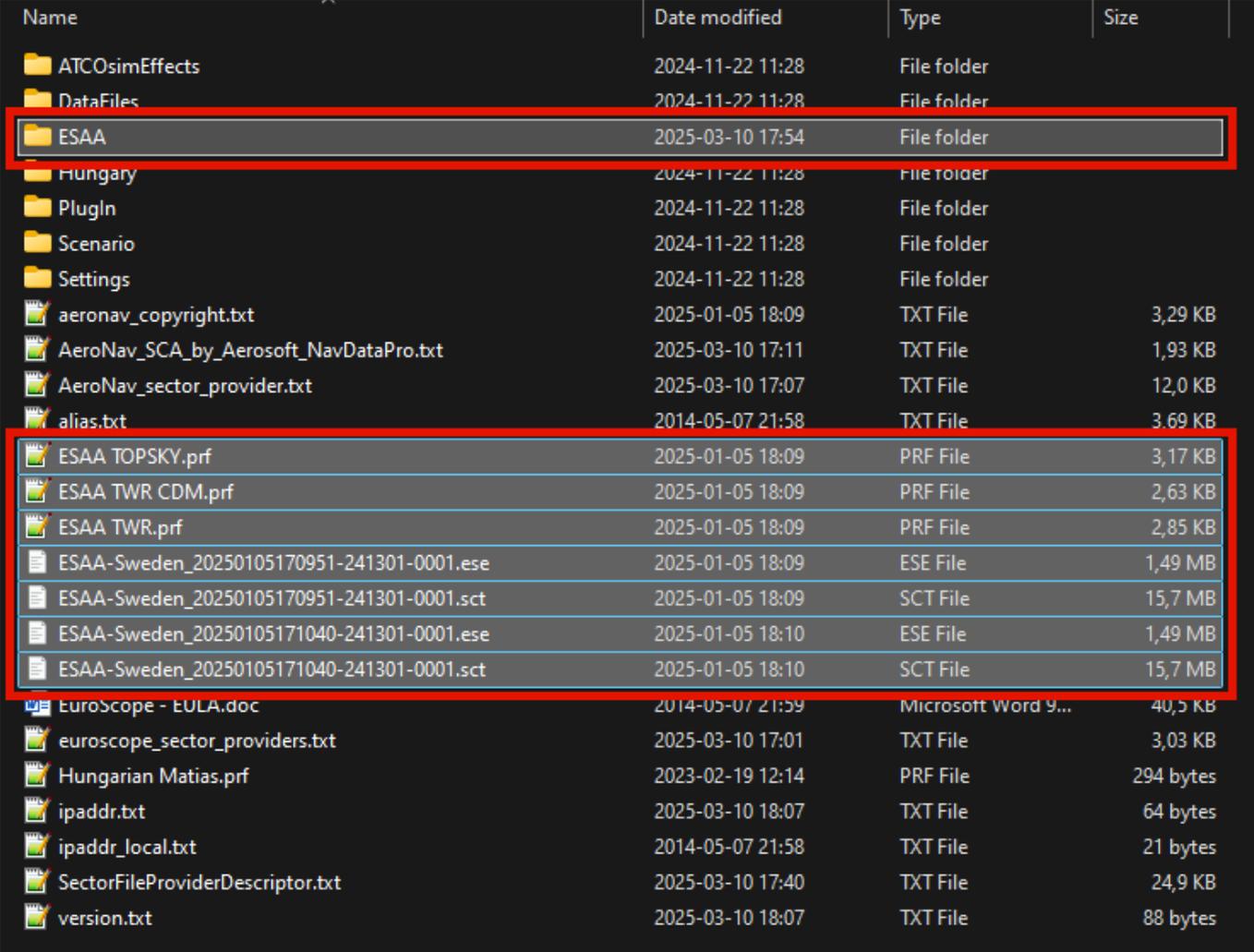
The ES version is also shown in the properties of EuroScope.exe (usually located in (`C:\Program Files (x86)\EuroScope`).



How to do a clean install of the GNG Package.

Step 1: Remove the following files/folders in located in `%appdata%\EuroScope`.

- The `ESAA` folder.
- All files starting with `ESAA`



Name	Date modified	Type	Size
ATCOsimEffects	2024-11-22 11:28	File folder	
DataFiles	2024-11-22 11:28	File folder	
ESAA	2025-03-10 17:54	File folder	
Hungary	2024-11-22 11:28	File folder	
PlugIn	2024-11-22 11:28	File folder	
Scenario	2024-11-22 11:28	File folder	
Settings	2024-11-22 11:28	File folder	
aeronav_copyright.txt	2025-01-05 18:09	TXT File	3,29 KB
AeroNav_SCA_by_Aerosoft_NavDataPro.txt	2025-03-10 17:11	TXT File	1,93 KB
AeroNav_sector_provider.txt	2025-03-10 17:07	TXT File	12,0 KB
alias.txt	2014-05-07 21:58	TXT File	3.69 KB
ESAA TOPSKY.prf	2025-01-05 18:09	PRF File	3,17 KB
ESAA TWR CDM.prf	2025-01-05 18:09	PRF File	2,63 KB
ESAA TWR.prf	2025-01-05 18:09	PRF File	2,85 KB
ESAA-Sweden_20250105170951-241301-0001.ese	2025-01-05 18:09	ESE File	1,49 MB
ESAA-Sweden_20250105170951-241301-0001.sct	2025-01-05 18:09	SCT File	15,7 MB
ESAA-Sweden_20250105171040-241301-0001.ese	2025-01-05 18:10	ESE File	1,49 MB
ESAA-Sweden_20250105171040-241301-0001.sct	2025-01-05 18:10	SCT File	15,7 MB
EuroScope - EULA.doc	2014-05-07 21:59	Microsoft Word 9...	40,5 KB
euroscope_sector_providers.txt	2025-03-10 17:01	TXT File	3,03 KB
Hungarian Matias.prf	2023-02-19 12:14	PRF File	294 bytes
ipaddr.txt	2025-03-10 18:07	TXT File	64 bytes
ipaddr_local.txt	2014-05-07 21:58	TXT File	21 bytes
SectorFileProviderDescriptor.txt	2025-03-10 17:40	TXT File	24,9 KB
version.txt	2025-03-10 18:07	TXT File	88 bytes

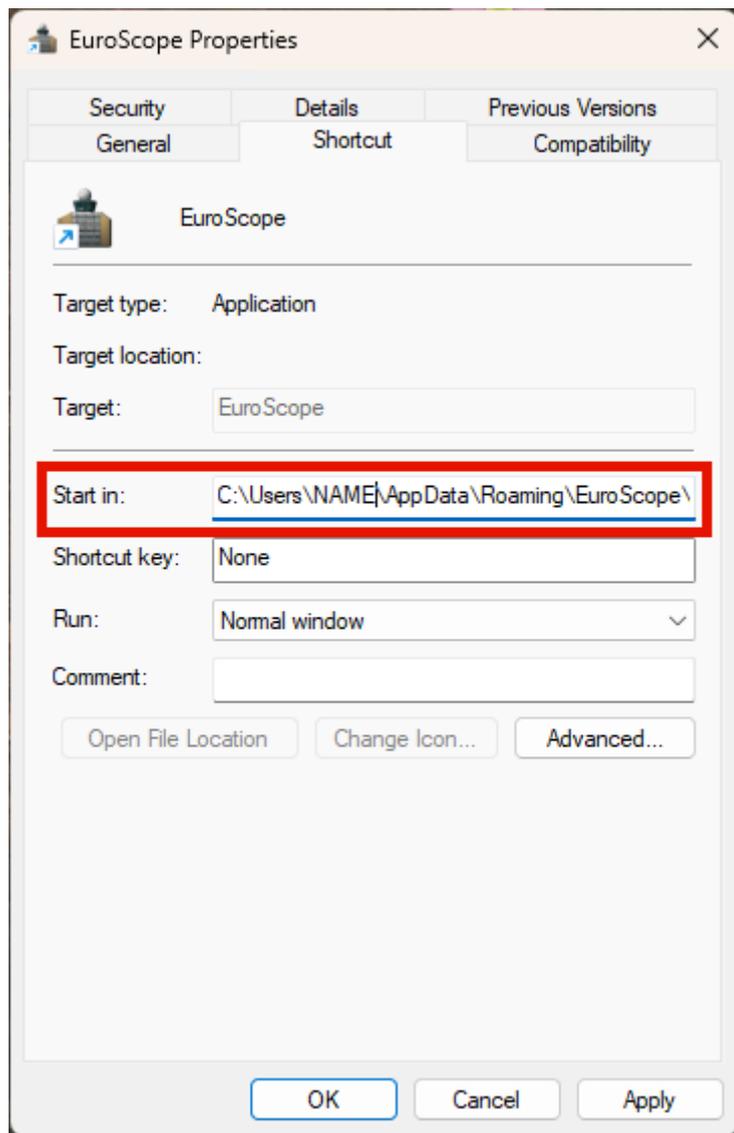
Step 2: Restart the installation process from **Step 1** of the **GNG Package Installation**.

Running EuroScope (always from a Shortcut!)

There is a shortcut to ES (EuroScope) created in the start menu during the installation process.

Always run ES (EuroScope) from a shortcut, do NOT run by individually opening EuroScope.exe (normally located in (`C:\Program Files (x86)\EuroScope`)).

If you are experiencing issues (or creating a new shortcut for ES), make sure the "Start in:" address is pointing to the ES folder located in `%appdata%`, **this is needed for ES to load the GNG package correctly.**



Revision #3

Created 10 March 2025 15:00:45 by Max Kuhla (1157125)

Updated 10 March 2025 18:08:57 by Max Kuhla (1157125)