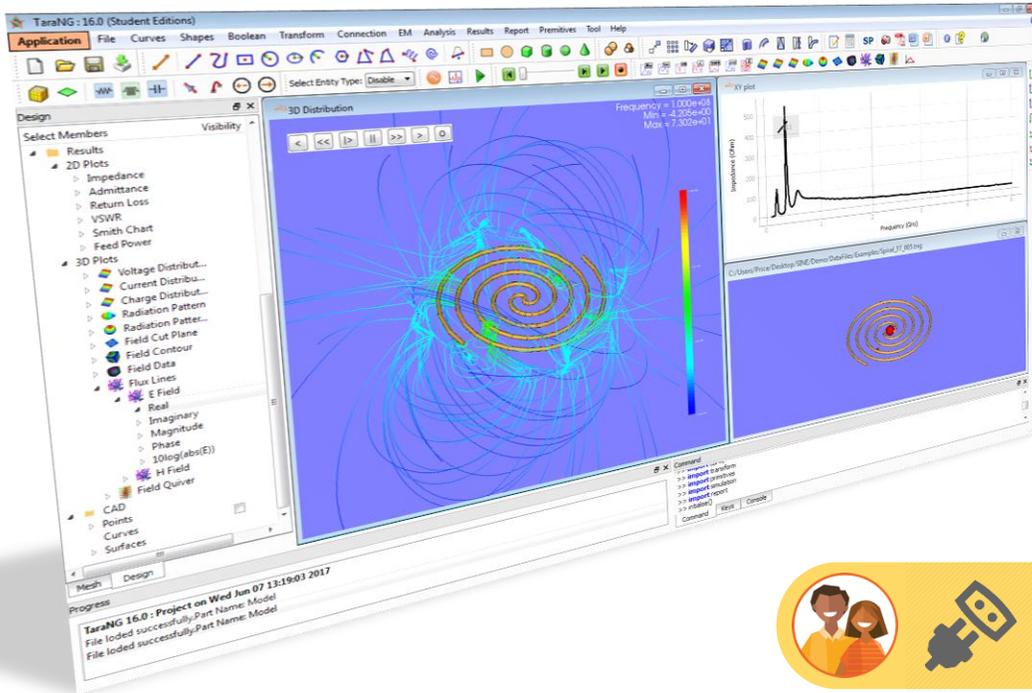




TaraNG

Interactive Simulation Platform



INSTALLATION GUIDE

Delhi University Computer Center



NUMEREGION is a DIPP recognized start-up working in field of simulation and mathematical modelling. We have got initial fund support incubation from Department of Science and Technology (DST) Government of India.

For more details visit our website: www.numeregion.com

Installation of TaraNG

Introduction:

This installation guide provided by NUMEREGION describes the installation procedure for all NUMEREGION's product packages named as TaraNG, on supported Windows platforms.

You should not attempt to install these products until you have become familiar with this installation guide. This user manual discusses the overview, system requirements, uninstallation and troubleshooting on Windows based platforms.

Media Contents:

The TaraNG software packages for Windows workstation shipped by NUMEREGION contains following items:

- DVD-R containing TaraNG simulation software package
- TaraNG installation Guide (this manual in .pdf format)
- TaraNG software brochure

Installation Requirements:

- 8 GB of RAM recommended.
 - Memory requirement could vary depending on model size. Normally 4 GB RAM is good enough for 10000 elements/cell models.
- 2.6 GHz Xeon or i3-i7 equivalent CPU.
- Hardware accelerated graphics (preferably NVdia or AMD) equivalent of Quadro 2000 or above
- 5 GB disk (free) for complete installation.
- Super VGA monitor with following settings:
 - Screen resolution set to at least 1280 x 1024.
 - Small fonts selected.
- Three buttons of mouse (middle button is used to switch the control mode between pan/rotate)

Windows:

- Visual 32/64-bit version:
 - Windows 11
 - Windows 10 *version 1607*
 - Windows 8.1 with Update
 - Windows server 2012 R2 with Update
- All the essential system files and DLL's essentially msvcrt100.dll installed properly in system folder for Windows operating system.
 - Windows 7 SP1
 - Windows Server 2008 R2 SP1

Installation of the software:

Insert DVD into the disc drive.

Launching installation:

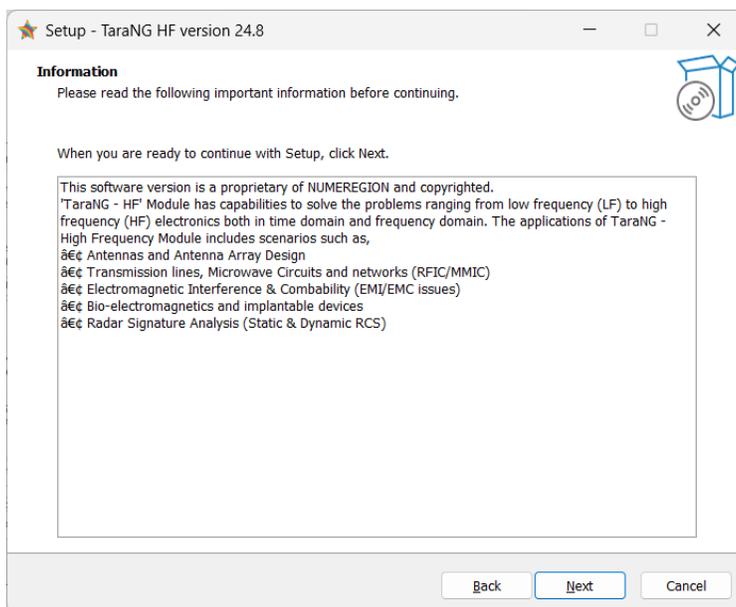
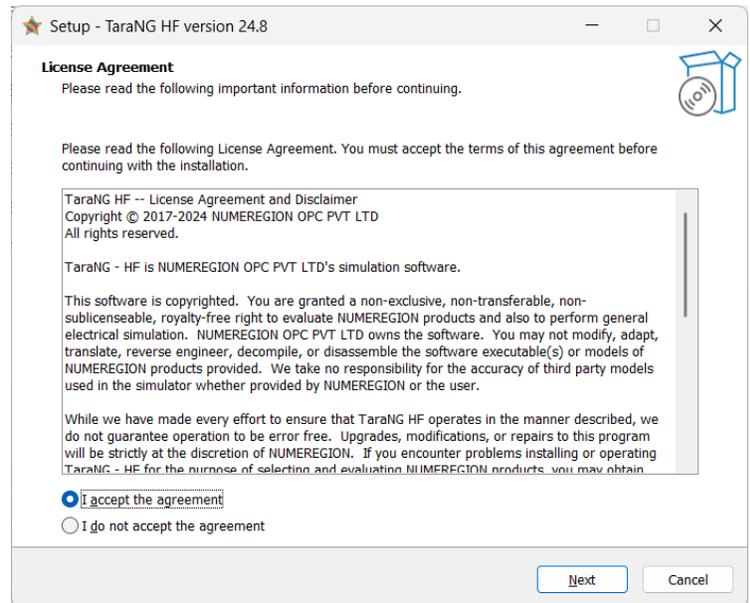
- If *Autorun* is enabled on your computer: The software installation should start automatically.
- If *Autorun* is disabled on your computer: Open *Windows Explorer* window, click on your DVD drive icon. You should find directory named *TaraNG*, double click on *Setup.exe* file found to start the software installation.

Installation through graphical user interface:

License agreement:

Read the license agreement terms carefully. Click on I accept the agreement software button. It will highlight the next button to continue.

Click Next button to continue software installation



The available packages will be listed.

Click on *Next* button.

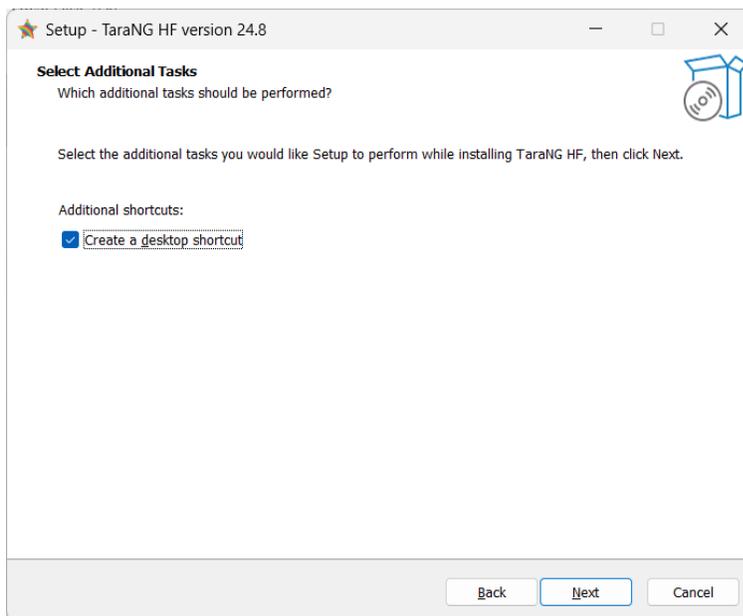
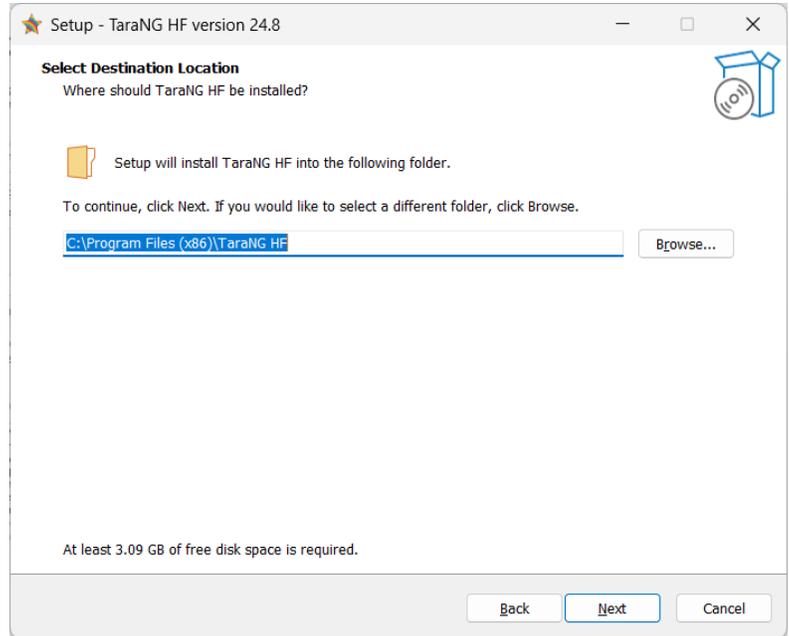
This dialog box is used to specify installation directory.

By default, the text field of installation directory is filled with the previous pathname of TaraNG software installation directory.

To change software installation location, click on browse button to select another software installation location (see *Directory selector* dialog box using it.)

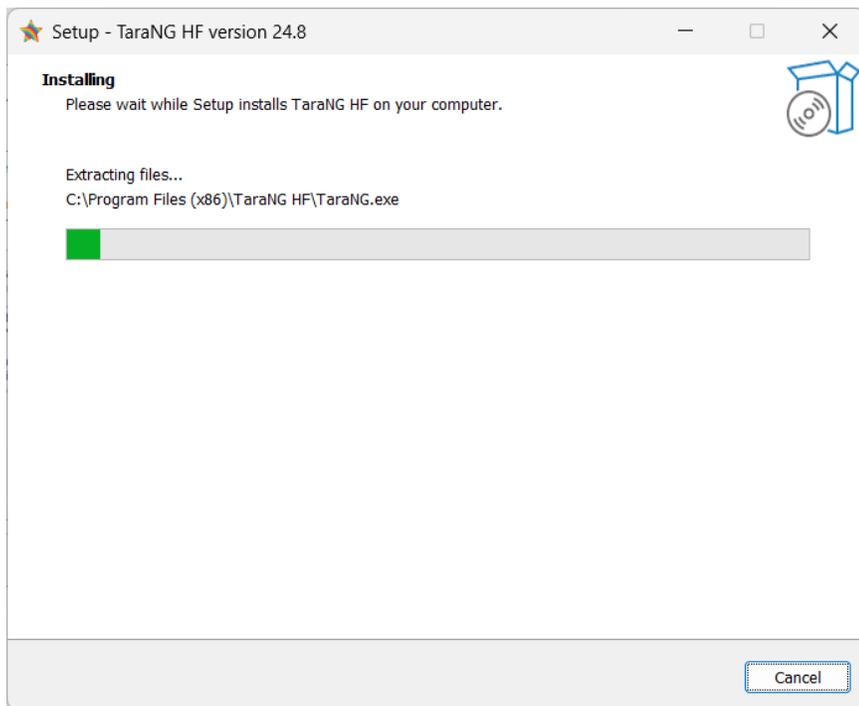
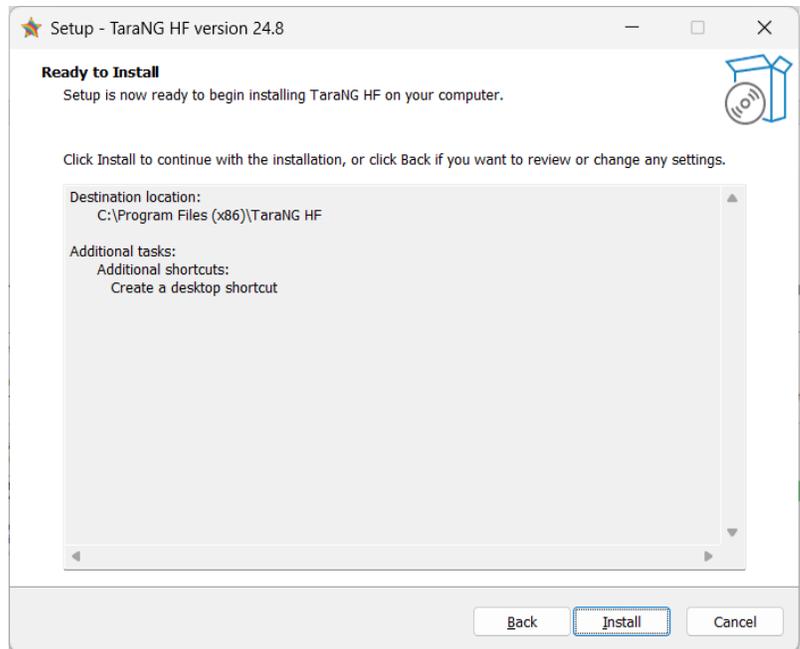
Click on *Next* button when you are satisfied with the software installation directory selected.

Click *Back* button to go back by one step, click *Cancel* button to abort the installation.



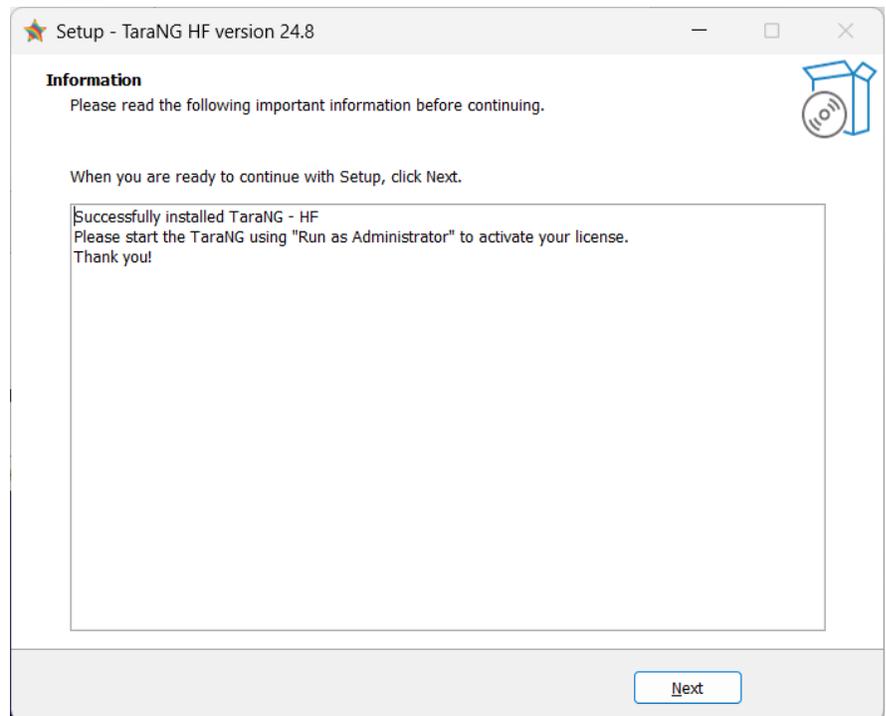
The *Desktop shortcut* can be created by clicking the checkbox. Click on *Next* button.

Click on *Install* button to start installation

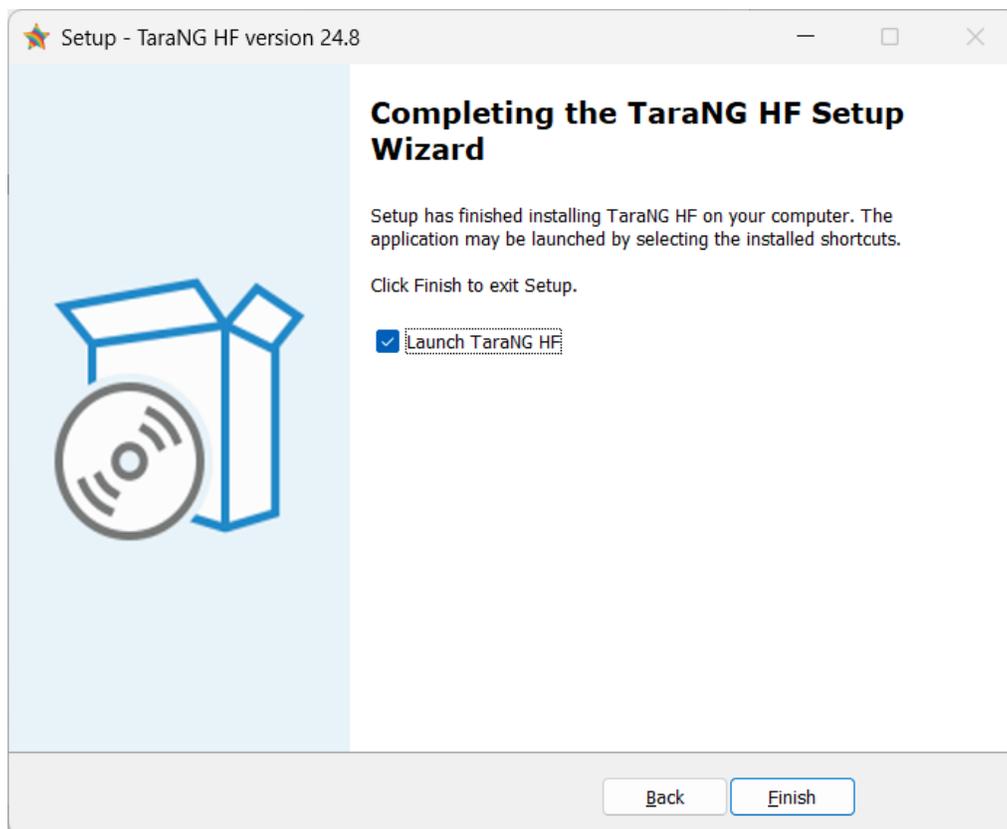


The progress bar will show the installation activities wait till the progress bar shows 100% progress

Click on *Next* button a message
*Thank you! Successfully installed
TaraNG –HF* will appear in wizard.



Check *Launch TaraNG* checkbox and click on *Finish* button this will start the software.



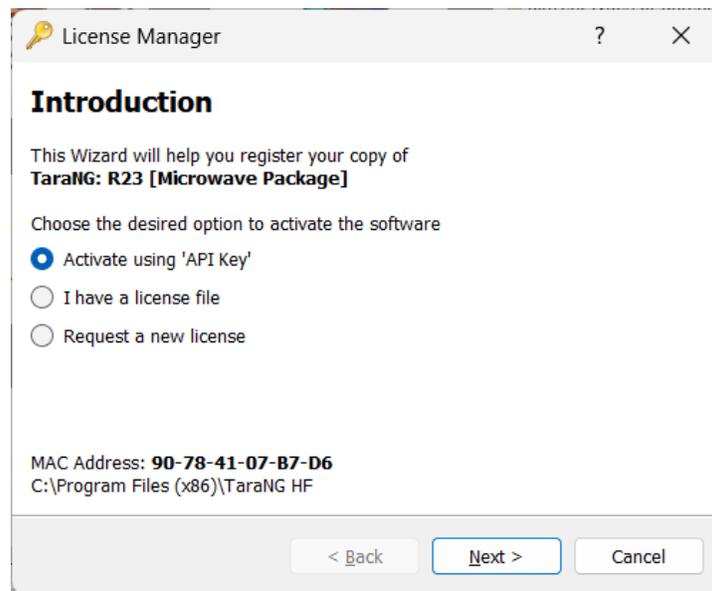
Launching the software:

Right click on *TaraNG*  icon shortcut which created on the desktop after installation of software select *Run as administrator* from the context menu. Software will start once you have installed the license.

Installation of the license:

For floating (server-based) license:

Please select the option '*Activate using API Key*' and click on *Next*

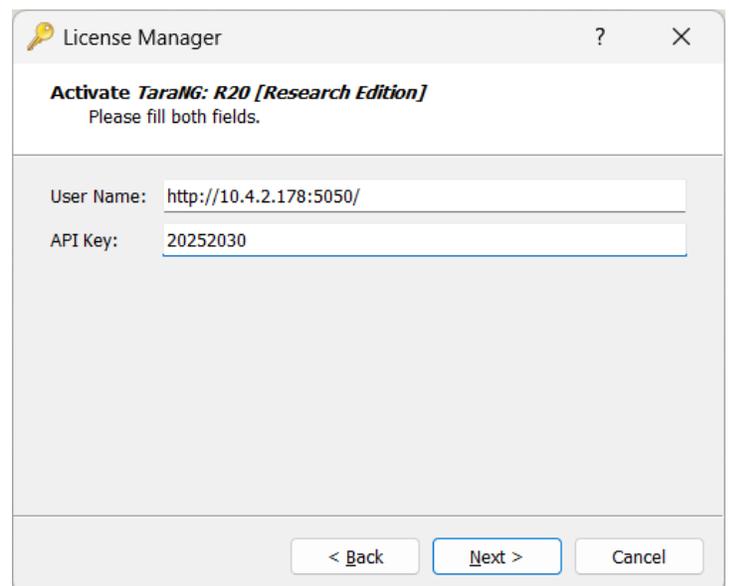


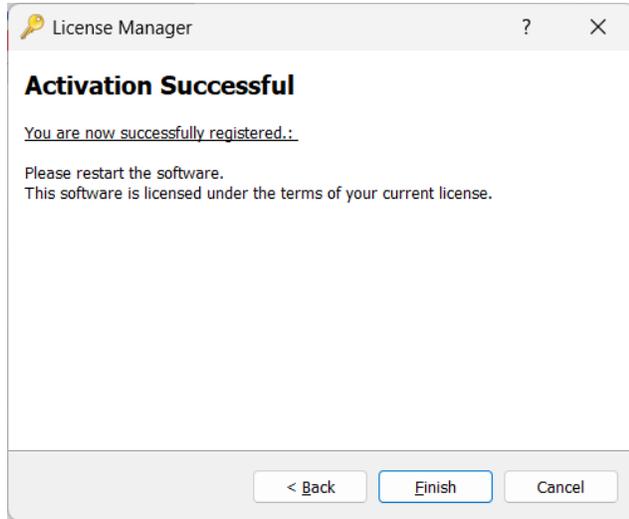
The license installation happens automatically once you enter *User Name* and *API Key* in the dialog box while starting the software. You can obtain the *API Key* from NUMEREGION by contacting the team.

For floating license *User name* is the name of Server

Which can be something for example as given below, <http://10.4.2.178:5050/>

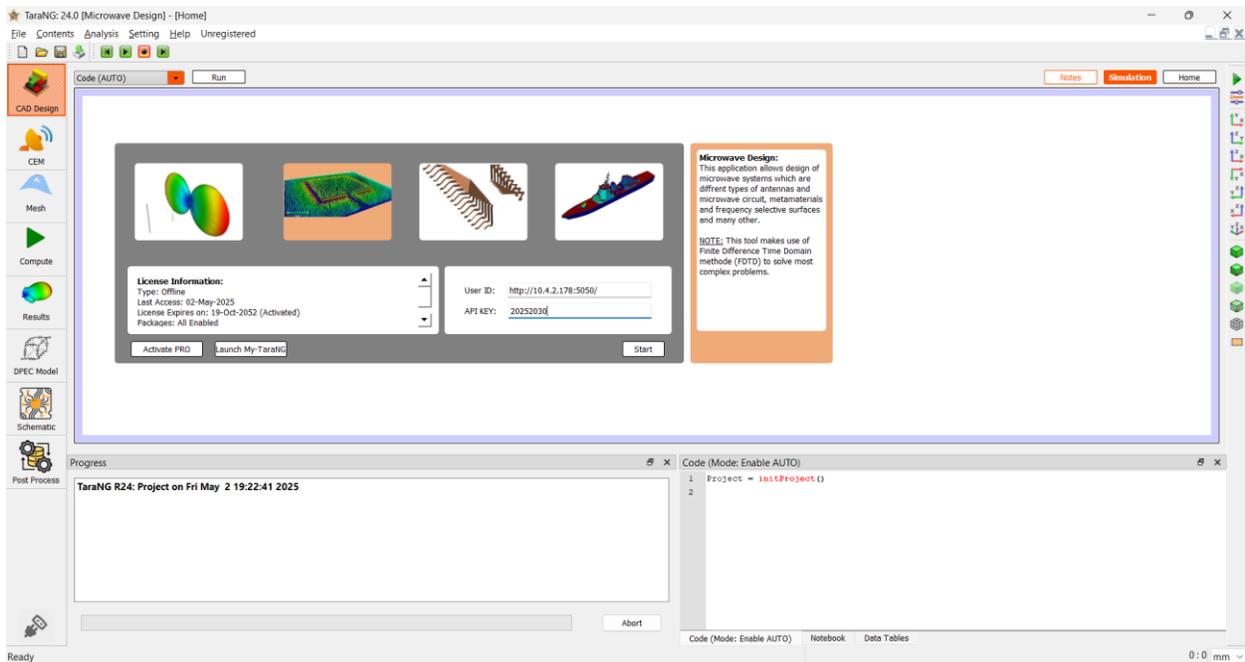
API Key: 20252030





After entering correct details click on *Next* Activation Successful window will appear (Please make sure you are running it as Administrator to get this message) then click on *Finish*

After entering desired details, the below window will appear. Click on *Start* to start the software. User can check with User Manual to simulate a few examples and make their own designs.



Congratulations! You successfully started TaraNG platform. Happy Learning through Simulations!