

How to connect to Frontex from the ENS

There are 3 ways to connect to Frontex from the ENS, which depends on what you want to do. "From the ENS" means that your computer is connected to the ENS network through an Ethernet cable. If you're using *wifiens* or *eduroam*, your machine will not be considered as "inside" the ENS.

- **SSH connection:**

SSH connection is the fastest way to access your data but it requires dealing with command lines and does not support visualization.

Open the terminal (for MacOS or Linux) or [MaboXTerm](#) (for Windows,)

Type **ssh username@IPaddress**

IPaddress master: **129.199.81.23** / nvisu: **129.199.81.42**

If you connect to the master, you will arrive directly in your home directory.

If you connect to nvisu, use **cd /shared/projects/project_name** to reach your own project.

- **Mount volume on your system:**

You can mount your project directory on your machine, which will then appear as an external hard drive. You will be able to visualize data and use locally installed software. Keep in mind that all computations will be performed on your machine. You might experience small delays when opening and saving heavy files.

On MacOS:

Press **Go** tab and select **connect to server** (or type **cmd+K**)

Fill in the server address with: **smb://username@129.199.81.42**

Press **Connect**

On Windows:

Open the computer window

Click on **Map Network Drive**

Choose a drive

Type the address: **\\129.199.81.42\username**

- **Connect using TurboVNC**

TurboVNC allows you to connect to nvisu in graphic mode by opening a distant desktop on the server. It allows you to have a fast graphic access to your data and to use the server resources. Keep in mind that all computations will be performed on nvisu.

Install and Open TurboVnc (<https://www.turbovnc.org/>)

Type VNC server address: **129.199.81.43:VNCuserid** (ask if not sure)

Type your password

If this is the first time you use VNC, first ssh-connect to your account using the terminal, and type: **turbovnc-launch userid**