

# Matlab

## License

The license is paid through the university.

Information about [obtaining the software](#) under the campus license is available on another page

## Alternatively: Using licenses on your laptop from out license server

To reach our license server from outside the building, you will need to tunnel the connections through ssh (in this example, on `ssh.strw.leidenuniv.nl` or `ssh.lorentz.leidenuniv.nl`): and then, on your laptop, point `LM_LICENSE_FILE` to `27000@localhost` in stead of the actual server, since `localhost:27000` is being forwarded to the license server.

Example:

```
laptop$ ssh -g -L 27000:172.18.1.89:27000  
yourlorentzusername@ssh.lorentz.leidenuniv.nl
```

or

```
laptop$ ssh -g -L 27000:172.18.1.89:27000  
yourstrwusername@ssh.strw.leidenuniv.nl
```

This opens an ssh session on our 'ssh' server. Keep this session open! Once it is closed, the port forwarding is closed as well! Now, from another terminal window or tab, you can start matlab after pointing to the local host as license server:

tcsh syntax:

```
laptop$ setenv LM_LICENSE_FILE 27000@localhost
```

or bash:

```
laptop$ export LM_LICENSE_FILE=27000@localhost
```

And from that session, you can start `matlab`.

Alternatively, edit the file `network.lic` in Matlab's installation directory to point to localhost port 27000 (advantage: no 2nd terminal window needed, and you can start matlab from the applications screen or menu (MacOS, Linux))

## Documentation

- <http://www.mathworks.com/products/matlab>
- [FlexLM](#) more info on the FlexLM license server software

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