Introducing Mathworks TAH
Campus/Student license at the University of Zurich

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What type of TAH licenses do we provide?

The University provides two type of Total Academic Headcount (TAH) licenses:

**TAH Campus**: Allows campus-wide access to all faculty and staff.

**TAH Student**: Allows student access on their personally owned or leased computers.
What is 'License Activation'?

Activation is a process that verifies licensed use of MathWorks products.

The License Activation application contacts MATLAB to retrieve the licenses associated with your Mathworks account.

It is a necessary step to effectively use Matlab with the new TAH license.

Individual Activation is associated to a User+Host.

Activation must be renewed when license is renewed.
What type of 'Activation' are supported?

- **TAH Campus** licenses support two activation types:
  - Designated Computer
  - Network Concurrent User

- **TAH Student** licenses support only one activation use:
  - Standalone Named User
Activation type:

*Designated Computer*
What can you do with the 'Designated Computer' activation?

This license is associated to an individual user within UZH.

On an individual/personal computer with a single Activation:

- Install Matlab and all supported toolboxes on a computer
- Run multiple Matlab simultaneously on the same computer
What can you do with the 'Designated Computer' activation?

On multiple computers with one Activation per machine:

- Install multiple Matlab instances on multiple computers
- Run multiple Matlab simultaneously on multiple computers.
What can you do with the 'Designated Computer' activation?

- **Pro:**
  - *No Network connectivity* required for running Matlab
  - *No dependency* on external services
  - Activation renewal done *automatically* when client connects to Mathworks Account site.
  - Suitable for both *individual* and *server* deployment

- **Cons:**
  - Cannot run concurrent Matlab on a *cluster.*
Activation type: 

*Network Concurrent User*
What can you do with the 'Network Concurrent User' activation?

- Software is installed in a central location (i.e. license server)
- Clients have to authenticate to the license server everytime Matlab is launched
What can you do with the 'Network Concurrent User' activation?

- **Pro:**
  - Easier management of software license (Client do not need any re-configuration)
  - Can run concurrent Matlab on a *cluster*.

- **Cons:**
  - Clients are *dependent* on the availability of the license server
  - Clients *need network connectivity* in order to run Matlab
  - License server must be *reachable* by client for running Matlab
Planning your Update/Upgrade

S3IT suggestion:

<table>
<thead>
<tr>
<th>UseCase</th>
<th>Activation Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Individual computer</td>
<td>DC</td>
</tr>
<tr>
<td>Matlab Server</td>
<td>DC</td>
</tr>
<tr>
<td>Matlab Classroom (with Matlab installed on each classroom node)</td>
<td>DC</td>
</tr>
<tr>
<td>Computational Cluster</td>
<td>NCU</td>
</tr>
<tr>
<td>Students</td>
<td>SNU</td>
</tr>
</tbody>
</table>

DC = Designated Computer  
NCU = Network Concurrent User  
SNU = Standalone Named User
What to do with existing licenses?

Old licenses are automatically frozen until TAH license expires.

Suggested: Existing users can install newer MATLAB release using the same instructions as a new users.

Alternatively, user can reactivate their existing MATLAB installation to the new license number using the activation key.
Need help/more information?

S3IT Matlab information page:
http://www.s3it.uzh.ch/software/matlab/

Subscribe to the *matlab-info* mailing list

Contact us at help@s3it.uzh.ch