

LABNAF 4.0 - LICENSE MANAGEMENT

FLOATING LICENSES

WHAT IS A FLOATING LICENSE?

As the name suggests, Floating Licenses 'float' from user to user as they start and stop using a software product. A floating license for a software is only required while a user has the software running. Once the software is shut down the license is available for another user to make use of.

Floating licenses are **available only for the Labnaf Addin**.

ADVANTAGES OF FLOATING LICENSES

- more efficient use of licenses (thereby allowing a smaller number of licenses to be purchased)
- automated and centralized management of licenses

SPARX SYSTEMS KEYSTORE SERVICE

The Keystore Service provisions floating license keys by interacting with Enterprise Architect instances via a network protocol.

For further information about downloading, installing and using the keystore service please visit Sparx Systems web site: https://sparxsystems.com/products/ea/floating_licenses.html

NB (May 2021): License management capabilities have been recently added to Sparx Pro Cloud Server. But this is not mature yet. In the future PCS could be used instead of the keystore service.

FIXED LICENSES

WHAT IS A FIXED LICENSE?

A Fixed license to use a Labnaf software product is linked exclusively to the person who has obtained it. It cannot be transferred without the consent of Labnaf, which may be withheld at its discretion.

Fixed licenses are **available for all Labnaf software products**. They are provided in the form of license certificate files.

THE LICENSE MANAGER

The License Manager is used for

- viewing the ID of the computer where the license manager is currently running on. When requesting a Labnaf license certificate for the Labnaf PowerShell, please include the computer ID in your email. You don't need to provide the computer ID for any other Labnaf software than the PowerShell.
- registering your license certificates,

The License Manager is installed using the same MSI as the one used for installing the Labnaf Addin. Hence you first need to get and run the Labnaf Addin MSI called "LabnafForSparx.msi".

ADDING LICENSE CERTIFICATES USING THE LICENSE MANAGER

A Labnaf license certificate is a file ending with a ".Inlic" extension.

Once you received your Labnaf license certificates from your Labnaf software distributor, you can then register these certificates using the Labnaf License Manager.

To start the Labnaf License Manager, click on the **Start menu**, select "**Labnaf > License Manager**".

Then simply drag and drop your license certificates onto the License Manager window and you are done!

LICENSE CERTIFICATES FOR THE "LABNAF ADDIN"

A Labnaf Addin license certificate is valid either for a specific user or for a specific number of users of a specific organization. The Labnaf splash screen displays this information on start up.

Without any Addin license certificate, the Labnaf Addin runs in trial mode. And in that case, the number of elements that you will be able to create in a repository will be limited.

LICENSE CERTIFICATES FOR THE "LABNAF POWERSHELL"

A Labnaf PowerShell license certificate is bound to a computer.

What does a Labnaf PowerShell license certificate provides to you?

A Labnaf PowerShell license certificate enables the PowerShell functionalities for a maximum number of active users. That number is defined by your certificate.

These license certificates are cumulative. For example, if you first buy a certificate for 20 users and then later another certificate for 15 users, then you get 35 licensed users in total.

How is the current number of active users calculated?

The current number of active users is specific to the repository instance that you are using and is calculated as follows:

- **For DBMS repositories:** It is the number of distinct authors of objects that were modified during the last 12 months.
- **For Access repositories:** It is the number of distinct object authors

How do you know that you are approaching the maximum number of active users defined in your license certificate(s)?

The Labnaf PowerShell “Validation” process does not only validate models. It also checks whether you are approaching the maximum number of active users. And if you are getting too close, it will then send a warning email message.

We advise therefore to always schedule the Labnaf PowerShell “Validation” command.

Who sends these warning messages to whom?

The validation process sends a warning email message **from and to the “Sender” email address** defined in the validation configuration file called “**validationConfigs.xml**”.

That “sender” address is mainly used by the model validation process for sending validation error messages. Hence the PowerShell license warning messages will be sent both **from** that address and **to** that same address.

LABNAF LICENSE DURATION

See the [Labnaf product editions and pricing](#) on the Labnaf web site.

TRIAL LICENSE

The free Labnaf Addin Lite edition does not require a license. With this Lite edition you can create Labnaf models in Access repositories using the entire Labnaf modeling language, diagrams, and toolboxes.

It comes with a startup repository structure. The number of elements that you will be able to create in a repository will be limited, but it is enough for a project. There is no time limitation.

The free Labnaf Addin Lite edition requires Sparx Enterprise Architect to be installed. You can download Sparx Enterprise Architect for free from the [Sparx Systems web site](#). This trial version of Sparx EA is limited in time, but you can extend the trial period to 180 days i.e. half a year (source: vendor@sparxsystems.eu).