

# Network License

The local network license (LNL) allows multiple users to use a product simultaneously on multiple workstations without needing to activate it on each workstation. To use this license type, the LNL service must be installed and running on the server or another computer (license server) on your local network. There are two types of network license available: "Standard" and "Business".

## The Network License "Standard" Permits:

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- 1) Installation and use of a product on multiple workstations on your local network without local activation
- 2) Installation of a product on Citrix or Terminal Server and the use thereof on multiple workstations
- 3) Installation of a product within a virtual instance of Windows on VMware host and the use thereof via multiple Remote Desktop Connections

## The Network License "Business" Permits in Addition:

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If a client has been disconnected from a network but should work with the Perfect PDF program further on, a so called decentralized using (offline mode) can be used. In this case the client should be connected to the network and the Perfect PDF program should be started at least once to get a client license. After that the client is free from the centralized licensing monitoring.

## The License

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The network license defines the permitted number of workstations/users (clients) on which a product may be run. If you use Citrix, Terminal or Virtual Server (via Remote Desktop Connection), the product may only be installed on the server. Otherwise, it may be installed on the workstations themselves. A silent installation is also possible. The LNL service is accessible on the local network via the HTTP protocol and can be managed from any web browser.

The network license is available if you purchase at least 10 client licenses.

## Trial Version

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If you would like to try a product with a network license, a trial version of LNL, including 10 client licenses, is available. The trial version allows you to run the product in trial mode. There are no time or feature limitations in the trial version, but all documents or PDFs will be watermarked.

Requesting and installing a trial version:

- 1) Before installing the trial version, you need to decide where the LNL service will be located. Please include the license server network name or IP address in your request for a trial version. You can also specify your preferred port (port 32 is the default port).
- 2) soft Xpansion will create a network license using these parameters and include the license in the product setup.
- 3) You will receive two setup packages: one for the LNL service (to be installed on the specified license server) and one for the product itself (to be installed on workstations or on the license server, depending on your network configuration).
- 4) Install the LNL service and check its status using your web browser (see technical details below).

- 5) Install the product.
- 6) If you have a Citrix or Terminal Server network, you must install an additional registry key (provided by soft Xpansion as a REG file).
- 7) Now you can begin testing the product on your workstations!

## Technical Details

### License Server

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The LNL system service is the “soft Xpansion Local Network License”. A system administrator can install it on a license server (or any other computer, see below the system requirements) running any modern version of Windows. It can be run after installation. The LNL service uses a hardware-bound network license. It opens one port to authorize the product instances on the workstations (the default is port 32 but the system administrator can specify an alternate port). Please ensure that the port is not blocked by your firewall.

The number of registered workplaces will be counted by the LNL service and compared with the maximum number permitted by the network license. Every user that runs a product for the first time will be registered by the LNL service automatically. Workstation name and user name will be used to register a workstation in the corresponding LNL service list. Once the list exceeds the maximum number of permitted clients, no new client can be registered or use the program.

You can view and alter the status and settings of the LNL service in the control panel via a web-based interface located at:

<http://server-name:port-number>

LNL Reactivation. If you need to replace the workstations, and the new ones become the new network names, it can be a case that you have no free license for the new workstations. It can be solved with a help of a reset procedure. Please go to the Control Panel: <http://server-name:port-number>, select “Settings” and “Advanced Settings” below. Send us the “Actual administrator key”, after that you receive a reset file back. Read this file on the same page in Control Panel with the “Browse / Apply” buttons. Your network license will be cleared. Please mention that you should not start Perfect PDF on any client between the time you send us the key and read the reset file.

The LNL service “Standard” doesn’t open any network or Internet connections.

The LNL service “Business” requires a http connection between the license server and a soft Xpansion server. This connection should be allowed by your firewall. A proxy connection is also possible; please refer to soft Xpansion support in this case.

### Client (Workstation)

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A product’s client license contains the IP address and server port of the local network where the LNL service is located. This means that it is not necessary to activate all instances of a product on each workstation. The network license is valid only for the specified number of clients. The product must be installed on each workstation where it is used (taking into account the number of licenses), unless a Citrix or Terminal Server installation is used. Floating licensing is not currently supported. A [silent installation](#) is available.

Each time the application starts up, it establishes a network connection with the LNL service. If a user license contains an invalid address for the license server or the port isn't open and no connection can be established, a dialogue window will appear and the user will be able to specify the required license server location. The user can also click "Change Settings" and enter the IP address and port number of the license server. If connection problems persist, the user should contact a system administrator.

## Silent Product Installation

The product installation can run in "silent mode", without a user interface. For a silent installation, the setup files must be distributed to the workstations by a system administrator and run with administrator privileges. Depending on your setup parameters, the installation will run in silent mode and the system will or will not reboot afterwards.

### The Command Line

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setup.exe <parameter1> <parameter2>

### Permitted Parameters

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/i

Install the product.

/x<Product ID>

Uninstall the product with the specified ID, e.g.: "/x{A6D309F9-38AB-4cc3-8DA7-0544F5011788}".

/qn

Silent mode—if the parameters "/norestart" or "/forcerestart" have not been set, Windows will reboot only if necessary (e.g., if a new driver was installed on the workstation).

/norestart

Never reboot after installing.

/forcerestart

Always reboot after installing.

## Update Installation

The program update can be run as well for a single working place as also remote in a silent mode. By a workplace installation start an update file, i.e. "UPD8036.sxp8prem" with a double click and follow the instructions.

For the remote silent update please run one of the following command lines:

For 32 bit system:

```
"ProgramFiles-Folder\Common Files\soft Xpansion\Uninstall\{4E42E18A-7500-4ef6-A8DC-A5994B5F1BCD}.exe" /i "Update-Folder\UPD8036.sxp8prem" /qn /norestart
```

For 64 bit system:

```
"ProgramFiles(x86)-Folder\Common Files\soft Xpansion\Uninstall\{4E42E18A-7500-4ef6-A8DC-A5994B5F1BCD}.exe" /i " Update-Folder\UPD8036.sxp8prem" /qn /norestart
```

The update will run in a silent mode. The changes take effect after rebooting.

## System Requirements

License server: Windows compatible PC, Windows Server 2016, 2012 R2, 2008 R2, Windows 10, 8.1, 7. For the „Business License“ (offline mode) the Internet connection (http) between the license server and a soft Xpansion server required.

Client (workplace): see the system requirements for the Perfect PDF product family.

## Contact Us

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