

## **SPIP™ Installation Procedures**

The normal procedure for installing SPIP™ is simple; you can just install SPIP™ from a downloaded installation program or from the SPIP™ installation CD using the recommended settings. After installation of SPIP™ you can install the license dongle as described on the next page. If you want to take advantage of the possibilities to share your license with colleagues you can in this document read how to setup dongle sharing and how to perform a Client/Server installation.

You may consider the following possibilities if you plan to install SPIP™ on more computers:

1. **Non-shared complete installations.**  
This is the simplest installation where the complete SPIP™ software package is installed on one or more computers. To work on the individual computers the SPIP™ license dongle should be inserted in the respective computers.
2. **Complete installation shared over a PC Net.**  
SPIP™ is installed on more computers on a PC-network. Only one of the computers has the SPIP-License dongle inserted. All computers having SPIP™ installed can run SPIP™ remotely from the computer having the dongle inserted in agreement with the number of simultaneous users granted by the license. The individual computers can also run the local version of SPIP™ required that the dongle is inserted on the local computer. When SPIP™ is being updated all computers having SPIP™ installed need to be updated as well.
3. **Client/Server Installation**  
In this setup SPIP™ can only run on the client computers, but updating the SPIP™ software is less time consuming as updates typically only need to be performed on the server.

## Installation Procedure for SPIP™ USB License Dongle

### Important

*To ensure the most effective installation procedure, please make sure that you have SPIP™ Version 4.0.3 or higher installed before proceeding.*

Insert the dongle and your Windows system will guide you through the installation procedure. The installation can be performed using the default suggestions. On Windows XP the following Wizard dialogs will appear:

1. Here all settings will work. Click Next.



3. Wait for the installation to finish, this may take some minutes.



2. Select "Install the software automatically" and click Next.



4. Click Finish. SPIP™ can now read your dongle.



5. If you received an empty dongle, the dongle has to be activated by an activation program provided by Image Metrology.

## Procedure for setting up dongle sharing on a PC network.

The SPIP™ license policy allows you to install SPIP™ on more computers and share the license dongle with your colleagues. To avoid moving the dongle to different computers you can have any of the computers in a network acting as a server and only insert the dongle in the server computer. This is possible even for single user license dongles.

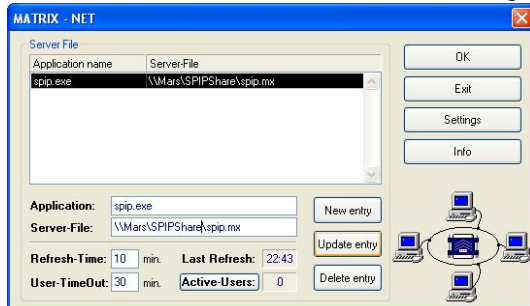
This procedure describes how to activate network sharing after installation of SPIP™ and applies to situation 2. (Complete installation shared over a PC Net) and situation 3. (Client Server Installation)

1. Make sure SPIP™ is installed the computer which you want to act as the server.
2. Make sure that the dongle is inserted and installed ( see "Installation Procedure for SPIP™ USB License Dongle" )
3. If you received an empty dongle, the dongle has to be activated by an activation program provided by Image Metrology.
4. Close SPIP™ if it is running
5. Start the program mxnet32.exe, which is found in the SPIP™ folder where spip.exe is also located.

This will create an Icon on the task bar:



6. Click on the mxnet32 icon to activate its dialog:



7. You will now need to setup a shared folder from where remote users can access the "Server-file", used to manage the number of users that can use the SPIP™ license concurrently. All remote users of SPIP™ need to have read/write permission to the shared folder. Suppose your server computer is called "Mars" and the shared folder is called "SPIPSHare" you should in the Server-File field enter: "\\Mars\SPIPSHare\spip.mx".
8. The Refresh time determines how fast a client release is detected. Setting the Refresh -Time between 5 to 10 minutes is suitable in most cases
9. The User TimeOut determines the time before an inactive client is released in case of an abnormal termination. Values between 10 and 60 minutes are suitable.

10. Click Update entry
11. If you want to run Matrix-Net as a startup service, click "Settings", and check the "Start Matrix-NET at system Startup":



12. Click OK
13. Click OK
14. Remote users will now be able to access SPIP™ from the server. SPIP™ installations installed as Clients can activate SPIP™ by the created icons, while Standalone installations can activate SPIP™ via the File Explorer or created shortcuts to pointing to spip.exe on the server.

### Important !

It is very important that the system time of the client PC is synchronized in the network. The maximum allowed deviation of the system time between clients and server, may not exceed the number of minutes, which was selected in the MxNet server program in »Refresh-Time«.

The following command can be used to synchronize the system time of the clients with the system time of the server. This command can be implemented in the boot-up procedure of each client to make it an automatic function.

```
NET TIME \\<computername> /SET /YES
```

## **SPIP™ Client/Server Installation**

### ***Introduction***

This document describes how to make a client/server installation of SPIP™.

The idea behind a Client/Server installation is to have the SPIP™ program located on a central server. Each computer on the network can access the program by installing a client.

The advantage of this solution is that SPIP™ in most cases requires to be updated on the server only, which saves time for the system administrator.

The installation program will automatically detect if a server update also requires a client update and inform about this during the server update.

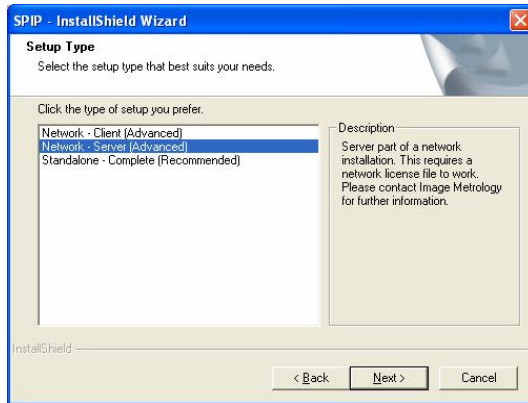
Before making a Client/Server installation, please notice:

- As the clients during installation must have access to the server, it is important that the server is installed before any clients.
- There is no way to run SPIP™ directly on the server and a client cannot be installed on the same machine as the server.

Each step of the installation is described in details on the following pages:

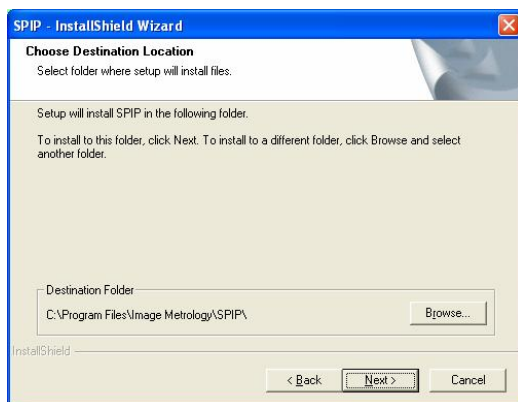
## Server installation

1. Run the SPIP™ installation program on the server.
2. Click “Next” on the Welcome Screen.
3. Read the license agreement and click “Yes” to accept it.
4. The following screen appears:



Select “Network - Server (Advanced)” and click “Next”.

5. The following screen appears:



Select the folder where the SPIP™ Server should be installed by using the “Browse...” button. Click “Next”.

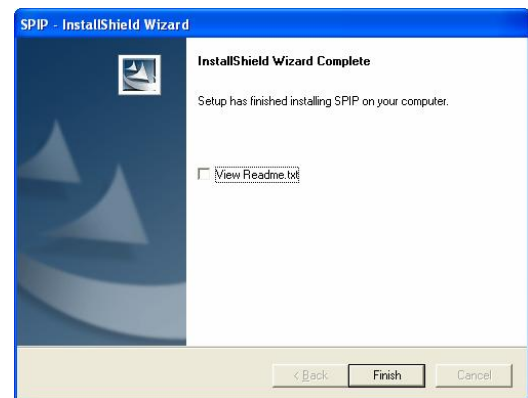
Note: The client computers must have read access to the specified folder.

6. The following screen appears:



Review the selections and click “Next” to start copying the files.

7. After the installation is finished, the following screen will appear:



Click “Finish” to end the installation.

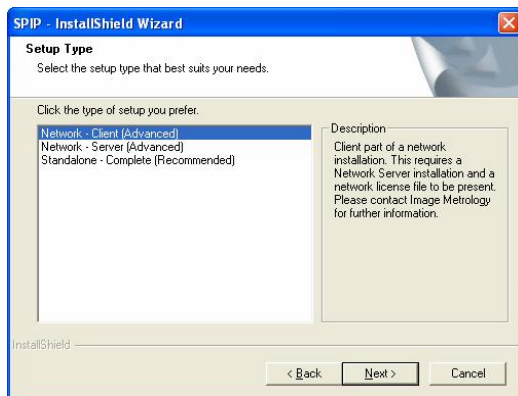
8. Copy the Network license file to the folder specified in 5). This must be done before installing any of the clients, as the client installation will check for the presence of the file.

## Client installation

Before installing the clients, please make sure that the users and client computers have read access to the SPIP™ Server installation folder.

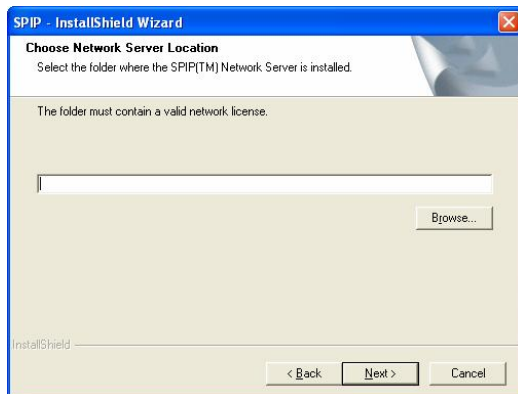
The following steps must be repeated for each user on the client computers:

1. Log on to the user's account on the client computer (Windows NT, 2000 and XP only)
2. Run the SPIP™ installation program.
3. Click "Next" on the Welcome Screen.
4. Read the license agreement and click "Yes" to accept it.
5. The following screen appears:



Select "Network - Client (Advanced)" and click "Next".

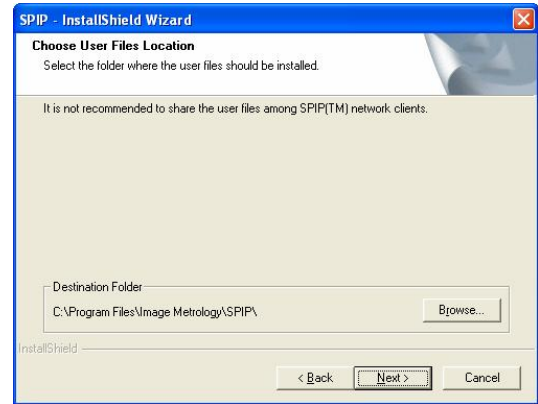
6. The following screen appears:



Type the folder where the SPIP™ Server is installed or use the "Browse..." button. The Server may be located on a server share. Click "Next".

Note: When clicking "Next" the installation program searches for a valid SPIP™ Network license file ("spip.lic") in the specified folder and displays an error message if it cannot find it. Please contact Image Metrology for further information in case of problems.

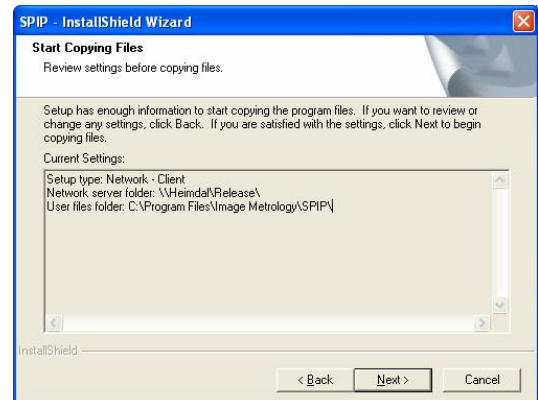
7. The following screen appears:



Specify the folder where SPIP™ puts the user files by using the "Browse..." button. Click "Next".

Note: SPIP™ uses this folder for all personal user settings and it is strongly advised not to share this folder between the individual users of a client computer. A folder on a server can be used if the same user needs to have access to his/her settings from different computers.

8. The following screen appears:



Review the settings and click "Next" to start installing the client.

9. After the installation the following screen appears:



Click "Finish".