
Micro Cap 9 Network Version Installation Notes

The LAN version of Micro-Cap 9 can be used on a network by a fixed maximum number of simultaneous users. A single hardware key, resident on the server, mediates access by users. The maximum number of simultaneous users is limited to the number of licenses purchased and this number is encoded in the hardware key. There is no limit on the number of Client installations. The only limit is the number of simultaneous users.

Following are the installation instructions. If you experience any problems consult the NETWORK_TROUBLESHOOTING.PDF file in the DOCUMENTS folder.

There are three main steps in the installation:

1. Enable file/directory creation on the server:

This is done so the MC9 installer can create a directory there. This step is only necessary if server file or directory creation is limited, which it sometimes is on the root directory.

2. Run the Setup program on the CD:

A. Do a Server installation first. This option installs all library, macro circuits, and sample circuit files on the server, anticipating a subsequent Client (Network Files) installation. If you choose to do a Client (Local Files) installation for all users, you can delete the entire data and library directory on the server, saving some space. It is recommended, however, that you leave the directory intact, so that users can conveniently update their local libraries from the pristine copies on the server library if the need arises.

B. Do a Client installation on each local machine that you want to have access to MC9. There are two main options:

Local Files: This option installs all library and sample circuit files in a local directory on the client machine. The files are private to the local user and insulated from changes by other users.

Network Files: This option installs all library, macro circuits, and sample circuit files on the server. The files are public and may be accessed by other users. In addition, all user circuit and output files created by running simulations are saved on the server data

directory and are thus accessible by other users. The only local files saved to the client machine are user preferences, mainly from the Global Settings and Preferences menus.

3. Install and activate the device license manager:

The exact procedure for this varies with the type of server and network. The procedures for the three most common arrangements are as follows:

A. Novell Netware

The license manager for Novell Netware file servers is HASPSERV.NLM. To load the license manager:

1. Connect the NetHASP key to the Novell server.
2. Copy HASPSERV.NLM to the SYSTEM directory of the server. Assuming the server drive letter is N, and MC9 has been installed to N:\MC9, the file can be found at:

N:\MC9\HASP\SERVERS\NOVELL\HASPSERV.NLM

3. Load the license manager, by entering:

LOAD HASPSERV

The license manager screen appears showing the protocol that is being used.

To load the license manager automatically each time the server is booted add the line,

LOAD HASPSERV

to the AUTOEXEC.NCF file in the SYS:SYSTEM directory.

To remove the license manager, type:

UNLOAD HASPSERV

B. Windows 2000 or 2003, Windows XP

The license manager for Windows 2000 or NT is

NHSRVW32.EXE. To load the license manager:

1. Connect the NetHASP key to a Windows 2000 or NT station.
2. Install the HASP Device Driver with:

HINSTALL -I

HINSTALL is on the distribution CD.

3. Run LMSETUP.EXE to install the license manager NHSRVW32.EXE. It takes you through a setup program to install the manager as a service or a program. LMSETUP.EXE is available in the N:\MC9\HASP\SERVERS\WIN32 directory. It can also be used to remove the license manager.

For other workstations/networks, consult the file NHSRVW32.HLP located in the directory:

N:\MC9\HASP\SERVERS\WIN32

This location assumes N is the network drive and MC9 has been installed at N:\MC9.

