

# Enterprise Dynamics® - Network Version

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Dear User,

Thank you for purchasing Enterprise Dynamics®!

Enclosed is the Enterprise Dynamics version 8 on CD-ROM.

When your software is protected with a hardware key (dongle) the installation consists of two parts: Installation of the hardware key and installation of the software.

## To install the software:

**Note:** On Windows 7, Vista, NT, 2000 and XP you must have Administrator rights to install the software and the hardware key.

1. Installing Enterprise Dynamics on a network can be done in two ways. One is to install the application on all client computers. The other is to install the application on the server, and to run it from the client computer.
2. Insert the CD-ROM into the drive. An information application will be launched automatically. In the Menu select 'Installation ED-8' and follow the instructions. If autorun doesn't start the application, then run the "SETUP\setup.exe" program from the command line or windows explorer.  
**Note:** Make sure that you install every major release from Enterprise Dynamics (for example the 8.0 version) into a new directory. Minor releases must be installed into an existing major release install directory.
3. Your E.D. license can be protected with a hardware key. If you received a hardware key with your software, please follow the instructions listed in the 'To install the hardware key'.
4. When you run the application for the first time, you are asked to enter your license information. This is supplied on a separate license sheet that is enclosed in this package.
5. First select the type of license that you purchased and click next.
6. Enter your license name and the two license codes **exactly** as written on the license sheet and click next.  
**Note:** Engine codes can be listed next to each other on your license document.
7. Click 'add' and enter a product code. Repeat this step for all of your product codes.
8. When you are done adding all product codes click 'Finish'.
9. When you have chosen for a server installation, you can create shortcuts as described in the 'Creating a command line shortcut and passing parameters' section.

**Note:** If you get a license error executing the application please run the UpdateLC.exe application to update your license information. You can find this application in the start menu. If you get a hardware key error, please remove all Hasp drivers from your machine (including the registry) and repeat the installation using the latest available driver for the hardware key.

### To install the hardware key:

**Note:** Check that you received a red network hardware key (either parallel or USB) with a green sticker.

**Tip:** The Licensing Server and the Software Server can be different machines. In this document they are the same.

**Tip:** Many computers are supported to act as licensing server. This can be any windows PC or Server but can also be a Linux or Novell server.

1. Once you installed the software, go to the \Tools\Tools\Key\Network\Servers\ subdirectory of where you installed Enterprise Dynamics.
2. Check your configuration that it represents the image below:

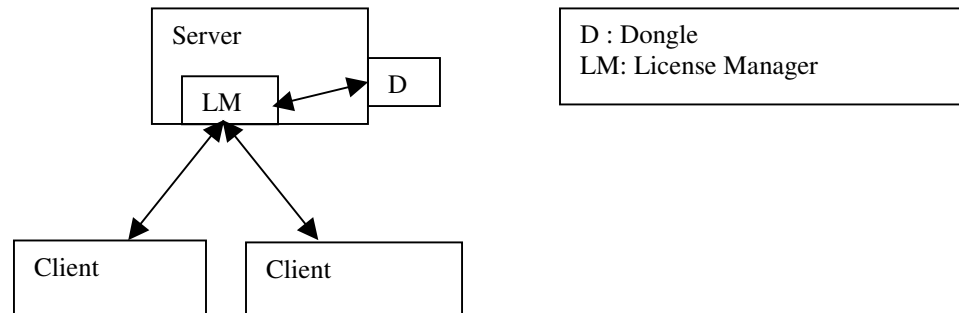


Figure 1: How Enterprise Dynamics works in a network. Clients connect to the server which has a dongle attached, and is running the License Manager program. The License Manager controls the communication between the clients and the dongle.

3. Select the subdirectory for your Operating System and install the software presented there.
4. Plug in the hardware key when you are asked to do so. When you received more network dongles for you license or you have other software protected with a dongle from the same manufacturer, you can plug them into the same machine and only require one License Manager.
5. Once you have installed and configured the License Manager, you can check if the dongle and License Manager are functioning correctly by running the DongleTest application, and searching for a network key. This program is located in Tools\Tools\Key\ subdirectory of your installation directory.

**Note:** While running Enterprise Dynamics from any station in the network, you must always have the LICENSE MANAGER activated on the server where the dongle is connected, as it controls the communication between the client and the dongle. Most problems occur because people forget to activate the License Manager.

**Tip:** By default, Enterprise Dynamics performs a broadcast to search for the License Manager. You can configure the file nethasp.ini to point to the location of the License Manager. You must place this file, after configuration, in the same directory as the ED.exe file.

### Creating a command line shortcut and passing parameters:

It is possible to pass extra command line parameters with E.D. This improves working with network system environment variables that are common in Windows 7, Vista, Windows 2000 and Windows XP, but can also be used under other Windows Operating systems or Novell Application Launcher (NAL).

A command line shortcut should be build up the following way:

Parameter	P0
Explanation	The full path to the executable and the executable (.exe) itself
Required	Yes
Directory Rights	Read
Comments	Note that you can change the name of the executable but the default E.D. application launcher will not work.
Examples	"C:\Program Files\Enterprise Dynamics\ED.exe" "%ProgramFiles%\Enterprise Dynamics\ED.exe" "%PROGS%\ED80\ED8.exe"

Parameter	P1
Explanation	The full path to the Enterprise Dynamics application launcher (.app)
Required	No
Directory Rights	Read
Comments	When no parameters are passed, the default file with the same name (without extension) as the executable is launched. (ED.app)
Examples	"C:\Program Files\Enterprise Dynamics\ED.app" "%ProgramFiles%\Enterprise Dynamics\ED.app" "C:\Program Files\Enterprise Dynamics\Myapp.app"

Parameter	P2
Explanation	The full path to a work directory.
Required	No
Directory Rights	Read / Write by user
Comments	The application uses this directory to store temporary files and by default stores and opens files here. This parameter <b>requires closing with a fore slash.</b>
Examples	"C:\MY DOCUMENTS\ "C:\MY DOCUMENTS\EDWORK\ "%ProgramFiles%\Enterprise Dynamics\Work\ "Y:\EDWork\ "%HOMESHARE%\

We welcome your remarks, suggestions and ideas for improvement of the Enterprise Dynamics software. Please send them to us directly or ask your local agent to transfer them to us.

We look forward to hear from you or to meet you at one of our user conferences.

Kind regards,

INCONTROL Simulation Software B.V.