

Nordic I-Plan^{MC}

Version 1.0

Analysis and Design Software for Wood Structures

Complete Instructions For Installing *Nordic I-Plan*



Nordic – Engineered Wood

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July 2007

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Introduction

In this document, you will find complete installation procedures for the following type of installations:

- First Installation of a Stand-alone Version;
- Updating a Stand-alone Version;
- First installation of a Network Version:
 - Types I and II;
 - Type III;
- Updating a Network Version;

Should you have any question regarding the installation or the operation of Nordic I-Plan, please contact CivilDesign. To reach them, refer to the **Technical Support** section in this document.

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Before Installation

Before proceeding with the installation, close your station and install the protection key on the parallel port, if necessary. Restart your computer but do not open any application. Make sure to have at least Windows NT 4.0 SP6, 2000, XP (any version) or Vista Ultimate.

If your computer is configured with Windows NT/2000/XP, you must have Administrator rights to perform the installation.

Computer requirement

Minimum

- Windows NT 4.0 SP6, 2000, XP (any version) or Vista Ultimate;
- Pentium 100MHz minimum;
- 32Mo of RAM;
- 100Mo of available space on hard disk;
- SVGA screen with a minimum resolution of 800x600 and 65536 colours.

Recommended

The most powerful 32 bits computer that you can buy or:

- Windows XP SP2 or Vista Ultimate;
- 1 Gig of RAM;
- A "Dual Core" or more.

The software performance is not affected by the video card, hard disk and screen features.

About the *Licence.mdb* File

The *licence.mdb* file, located in the "User" directory of *Nordic I-Plan*, is a database file containing essential licensing information about your version of *Nordic I-Plan*. You cannot read this file and fill the information yourself. CivilDesign does it for you.

Once installed on your computer, this file will contain the network adapter card numbers or protection key numbers of all stations running *Nordic I-Plan* and also authorization numbers that match the network adapter card numbers or protection key numbers.

A new *licence.mdb* file is provided with each new compilation of *Nordic I-Plan*.

Network Installation

Licence.mdb

Network adapter card numbers for all stations running *Nordic I-Plan* must be recorded in the *licence.mdb* file with the help of the licence management program **Licence.exe**, located in C:\Nordic.

Once that these numbers are recorded in *licence.mdb*, the file must be forwarded to CivilDesign at this address licence@civild.com so that it can be processed and sent back to you. Then, overwrite the old *licence.mdb* file with the new one.

"Fixed" and "Floating" Station and the *licence.mdb* file

A company may have purchased many licenses that are used by n stations at the same time. A few of these licenses are fixed (available at all time, for one particular station), and a few others are floating licenses (users use licenses until they are no longer available).

For example, the license can be use simultaneously by 22 users: 20 of them have the privilege to use it as they wish (fixed stations) and the remaining are floating stations.

A station can be using more than one server license. Therefore, for each license, you will have to specify the right of a station to use this license or not, by choosing the following type:

Fixed: The license can be used at any time;

Floating: The license can be used if the number of users, working simultaneously on the server, does not exceed the number specified on the sale contract;

Not applicable: The license cannot be used.

First Installation of a Stand-alone Version

If you are using a protection key, please remove it before installing Nordic I-Plan

1. Close all Windows applications before executing this Installation program
2. Run the installation program by double clicking on **SetupNDxx-yyy.exe**. If your computer is configured Windows NT/2000/XP, you must have Administrator rights to perform this installation.
3. The Installation program will be launched. Follow the instructions on the screen.
4. Select the language.
5. Read the license agreement carefully. If you accept all terms, click "Yes".
6. Select a "Stand-alone" installation.
7. Select the local directory where the program will be installed. The default directory is C:\Nordic.

Notice. It is possible to install different compilations on your computer. However, they have to be installed in different directories.

8. Enter your name and company. Click on "Next".
9. Select a Stand-alone installation with a network adapter card or a protection key:
 - Select the "Stand-alone with network adapter card" option if you possess a network adapter card and if you do not have a *Sentinel* key that is installed in the parallel port.
 - Select the "Stand-alone with protection key" option if you have a *Sentinel* key. Please note that a stand-alone installation **MUST** be done with a protection key if there is no network adapter card installed on the computer.

N.B. CivilDesign's license management system uses the network card's MAC address. If you do not have a network card, contact them; they will provide you with a protection key that you will install on the computer parallel port.

10. Select a program folder that will include Nordic I-Plan folder in Windows Start menu. The setup will automatically add a program icon on your desktop.
11. When the copie is done, register your station. If your computer is configured with Windows NT/2000/XP, you must restart the computer using Administrator rights to finish this installation.
12. Restart your computer.

About a Stand-alone Installation:

The installation program installs the following:

- Nordic I-Plan files, in the selected directory (ex.: C:\Nordic);
- Modification of registers;
- Mdac_typ.exe (for ODBC and MDAC 2.5 SP2 drivers);

You may repeat this procedure on other stations. However, you must have as many protection keys as stations, unless you move the same protection key from one station to the next. If so, make sure that stations are closed to prevent any damage to the key or to the parallel port.

Updating a Stand-Alone Version

Notice. Please note that when upgrading *Nordic I-Plan*, the *NDBase.mdb* file will not be overwritten. This file contains the user's customized data for materials, shapes, soils, etc.

Downloading an Upgrade from CivilDesign Web Site

Registered customers can download an upgrade directly from CivilDesign Web site at www.civild.com

To have access to the "Download" option, you will need your personal code and password (CODE_NUMBER and PASSWORD) that they provided you. If you do not know them, please contact the Sales Department at sales@civild.com.

Procedure for Downloading:

- Point your internet browser to CivilDesign's web site: <http://www.civild.com>;
- Select "English" and go to the "Download" and "Clients" headings from displayed menus.
- In the "Client Identification" section, select *Nordic I-Plan* among the "Downloadable Software" list box.
- Go to the "Update" section.
- Follow the instructions to download files **SetupNDxx-yyy.exe** and **NDxx-yyy.exe**.

Installation Procedure:

- Before you start the installation program, close all *Nordic I-Plan* applications.
- Run the **SetupNDxx-yyy.exe** file and follow the steps.
- Copy the downloaded file **NDxx-yyy.exe** in Nordic's *User* directory and run it by double-clicking on it. It will decompress your licence.mdb file. Answer "y" at the question "Overwrite (y\n)?"
- Restart the computer.
- Start *Nordic I-Plan*.

Introduction to the Network Version

Three types of installation can be done on a server. Each type of installation has advantages and disadvantages. Before choosing a type of installation, read the following pages to learn the common uses and characteristics of each type.

Installation of Type I & II

Only basic information is installed on the server. This type of installation is possible when the network Administrator wants to minimize network traffic or when users have their personal computers. This installation can be used when all stations are identical and re-initialized at fixed periods.

Only the *Licence.mdb* file is installed on the server. The server registers openings and closings of the software for floating stations. We call this process “registering authentication tokens”. The network Administrator has to update each station, at each new compilation. The graphical attributes (colours, pen weight, among others) are customized and saved on each working station.

The difference between Type I and II concerns the management of common databases (*NDbase.mdb*):

Type I: Installation of common databases on each station.

Type II: Sharing common databases among users, through the server;

Please note that information included in common databases and specified in a project is saved within each project, allowing an exchange of common objects (customized shapes, materials, moving loads, soils, bolts, earthquake, etc.) among users.

We recommend these types of installations if there are not many users or if stations are re-initialized at fixed periods.

Installation of Type III

Many files are installed on the server causing some network traffic. The majority of this network traffic occurs mostly at openings and closings of the software. During an application, a few functionalities can ask for an access to the network, such as the opening of *Nordic I-Plan* On-line help.

This type of installation requires a small effort from the network Administrator, but a greater effort from the server. Updating a compilation is much faster and easier for the network Administrator because the first installation done on a station will not have to be done again, except in particular cases. However, all users must have the permission for reading, writing, creating, and deleting, in Nordic directories.

Another disadvantage could be the selection of graphical attributes in *Nordic I-Plan*. Actually, *Nordic I-Plan* allows changing the colours of objects and displayed diagrams. Consequently, these changed will be applied to all working stations. For example, if one user selects a red background and closes the program, all users opening *Nordic I-Plan* afterwards will have the colour red as background colour. It will go back to normal when one user will activate the default colours.

Users are sharing common databases. If one user defines a new shape or a new soil, they can be immediately selected by other users.

We recommend this type of installation when many users are working with *Nordic I-Plan*, as in great companies.

This table summarizes characteristics for each type of installation:

Characteristics	Type of Installation		
	Type I	Type II	Type III
Relation station / user	Private station or re-initialized station	Private station or re-initialized station	Private Station
Network Traffic	Low in any time	Low in any time	High at openings and closings. Otherwise, low.
Effort at Installation	Server + n Stations	Server + n Stations	Server + n Stations
Effort for Updating	Server + n Stations	Server + n Stations	Server only most of the time.
Graphical Attributes	Independent	Independent	Shared at opening and closing.
Common Databases	Independent shared or	Instant sharing	Instant sharing
Recommendation	Yes	Yes	Yes

CivilDesign is able to guide you through the selection of an installation that will fulfil your needs. Please contact them at installation@civild.com if your server or needs do not fit with one of our favourite installation. Refer to the *Technical Support* section in this document.

First Installation of a Network Version

Nordic I-Plan supports Windows NT 4.0 SP6, 2000, XP (any version) or Vista Ultimate, Unix, and Novell servers. Please note that you must have Administrator rights to install *Nordic I-Plan* on a server, as well as on network stations.

The set-up program will take you through the better part of the installation. The setup file is entitled **SetupNDxx-yyy.exe**, where xx represents the version and yyy, the compilation number. If you downloaded the software from the web, this file is located in the directory that you selected before the download.

Upon completion, you will have to send back to CivilDesign the *licence.mdb* file that contains the manufacturer's number of network adapter cards for all network stations that will be using *Nordic I-Plan*. They will validate that file and send it back to you. The **NDxx-yyy.exe** executable file includes the *licence.mdb* file in a compressed executable form. Double-click on this file to extract the *licence.mdb* security file.

If you have a CD-ROM, these files are already included. The installation process starts when selecting the "Installation" and "Complete" options for a complete installation.

Remarks about Installation on a Server:

The installation program only transfers the required files to the directory [\\ServerName\Repertoire\Nordic](#). No modification is done in registers and no service is installed. The server is used as a file server only.

Notice. For stations that are not equipped with a CD-ROM drive: Copy the CD-ROM content in a server directory that will be named "NDINSTALL". Give temporarily permissions (R, W, X) to access this directory from any working station.

Installation of Type I & II

On the Server:

1. Create a shared directory. To facilitate future installations on other stations, you must give complete permissions to all users (R, W, X, D) for all "Nordic" directories. These permissions will be revised later on.
2. Run the installation program by double clicking on **SetupNDxx-yyy.exe**.
3. Choose the language.
4. Read the license agreement carefully. If you accept all the terms, click "Yes".
5. Select "NETWORK – SERVER Installation". This type of installation must be done by a network Administrator.
6. Specify the path to the server where *Nordic I-Plan* will be installed.
7. Enter your name and company. Click "Next".
8. Select "Type I" or "Type II".
9. Following this installation, copy the **NDxx-yyy.exe** file in the directory [\\ServerName\Repertoire\Nordic\User](#) and run it. Answer "y" to the question: "Overwrite (y/n)?".

On Each Network Station:

1. Close all Windows applications before executing this Installation program.
2. Run the installation program by double clicking on **SetupNDxx-yyy.exe**. If your computer is configured with Windows NT, 2000, or XP, you must have Administrator rights to perform this installation.
3. Choose the language.
4. Read the license agreement carefully. If you accept all the terms, click "Yes".
5. Select "NETWORK – WORKSTATION Installation" to install *Nordic I-Plan* on a workstation.
6. Specify the path to the server where *Nordic I-Plan* was installed.
7. Select the local directory where *Nordic I-Plan* will be installed. The default directory is C:\Nordic.
8. Enter the user name and company. Click on "Next".
9. Select a program folder that will become the menu folder, which will also include the short cut to *Nordic I-Plan*. The setup will automatically add the program icon on the user desktop.

10. After restart, a dialog box will appear to register the station. You must identify licences that this station will be allowed to use:
 - Each license corresponds to a tab. For each license, specify the type of station you are registering: "Fixed", "Floating" or "Not applicable", and click OK. See *About the licence.mdb file* (p. 4-5).
 - In the "Server" Tab, indicate the path to the server. The path must be identical to the one you specified as the execution path when you installed *Nordic I-Plan*. This step does not have to be repeated on each network station.
11. If you want to register the station "by hand", run the *licence.exe* program that is located on the server directory: [\\ServerName\Repertoire\Nordic](#).
12. Once you have finished to log all the stations, you must return the *Licence.mdb* file to this address: licence@civild.com. The *Licence.mdb* file is located in [\\ServerName\Repertoire\Nordic\User](#). CivilDesign inc. will issue a new *Licence.mdb* file, which will be sent to you. You should then overwrite the old *Licence.mdb* file with this new one.

About Installation of Type I & II on Network Stations:

The program installs the following:

- Copy the required files in a chosen directory (Ex.: C:\Nordic);
- Modification of registers;
- Mdac_typ.exe (for ODBC and MDAC 2.5 SP2 drivers);
- Shortcut on the user's desktop and in the *Start* menu.

Installation of Type III

On the Server:

1. Create a shared directory. To facilitate future installations on other stations, you must give complete permissions to all users (R, W, X, D) for all "Nordic" directories. These permissions will be revised later on.
2. Run the installation program by double clicking on **SetupNDxx-yyy.exe**.
3. Select a language.
4. Read the license agreement carefully. If you accept all the terms, click "Yes".
5. Select "NETWORK - SERVER Installation". This type of installation must be done by a network Administrator.

6. Specify the path to the server where *Nordic I-Plan* will be installed.
7. Enter your name and company. Click on "Next".
8. Select "Type III".
9. Following this installation, copy the file **NDxx-yyy.exe** in [\\ServerName\Repertoire\Nordic\User](#) and run it. Answer "y" to the question: "Overwrite (y/n)?".

On Each Network Station:

1. Close all Windows applications before executing this Installation program.
2. Run the installation program by double clicking on **SetupNDxx-yyy.exe**. If your computer is configured with Windows NT, 2000, or XP, you must have Administrator rights to perform this installation.
3. Select a language.
4. Read the license agreement carefully. If you accept all the terms, click "Yes".
5. Select "NETWORK – WORKSTATION Installation".
6. Select the path to the server where *Nordic I-Plan* was installed.
7. Enter the user name and company. Click on "Next".
8. Select "First Installation" among the three displayed options.
9. Select a program folder that will become the menu folder, which will also include the short cut to *Nordic I-Plan*. The setup will automatically add the program icon on the user desktop.
10. After restart, a dialog box will appear to register the station. You must identify licences that this station will be allowed to use:
 - Each license corresponds to a tab. For each license, specify the type of station you are registering: "Fixed", "Floating" or "Not applicable", and click OK. See *About the licence.mdb file* (p. 4-5).
 - In the "Server" Tab, indicate the path to the server. The path must be identical to the one you specified as the execution path when you installed *Nordic I-Plan*. This step does not have to be repeated on each network station.
11. If you want to register the station "by hand", run the *licence.exe* program that is located on the server directory: [\\ServerName\Repertoire\Nordic](#).
12. Once you have finished to log all the stations, you must return the *Licence.mdb* file to this address: licence@civild.com. The *Licence.mdb* file is located in [\\ServerName\Repertoire\Nordic\User](#). CivilDesign inc. will issue a new *Licence.mdb* file, which will be sent to you. Overwrite the old *Licence.mdb* file on the server with this new one.

About Installation of Type III on Network Stations:

The program installs the following:

- Modification of registers;
- Mdac_typ.exe (for ODBC and MDAC 2.5 SP2 drivers);
- Shortcut on the user's desktop and in the Start menu.

Updating a Network Version

Before proceeding with the installation program to update *Nordic I-Plan*, make sure that no station is using the software.

Updating Installations of Type I & II

You must update the server and each network station. Follow the steps described for installation, except the step for registering stations. Stations do not need to be registered again. This step has been done at the full installation.

Updating an Installation of Type III

Follow the steps described for installation, except the step for registering stations. Stations do not need to be registered again. This step has been done at the full installation.

Notice. Please note that when upgrading *Nordic I-Plan*, the *NDBase.mdb* file will not be overwritten. This file contains the users' customized objects.

Starting Nordic I-Plan

Start *Nordic I-Plan* by clicking its shortcut in the **CivilDesign** group of programs.

You can also start *Nordic I-Plan* automatically by double clicking any *Nordic I-Plan* (*.nd1) file.

Technical Support

You can reach for technical support by phone, fax, or Internet:

Phone: 1-450-674-0657
Toll free: 1-800-724-5678
Fax: 1-450-674-0665
URL: www.civild.com
E-mail: installation@civild.com

Before contacting our technical support department, make sure that you have the compilation number of the installed version in hands. You will find this information in **Nordic I-Plan Help** menu in the "About *Nordic I-Plan*" dialog box.

This information is also available by pointing the "**Nordic.exe**" file and opening the contextual menu with a mouse right click. The compilation number is located in the **Version** tab of **Properties** command.