

Cargo Optimizer Network Installation

There are two main steps in installation process.

1. Installation **FirebirdSQL database Firebird21_32.exe** (Install on both Client & Server)
2. Install **Cargo Optimizer Network setup.exe** for Client and Server

Note There are two folders for installation process

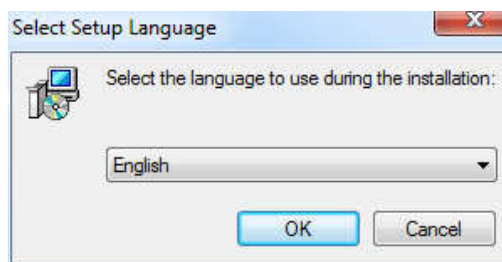
Server for install to server computer (main database and license management)

Client for install to client computer (connect to main database)

FirebirdSQL database installation (install on both Server and Client)

1. Double click on file **Firebird21_32.exe** in folder of each version to start installation.

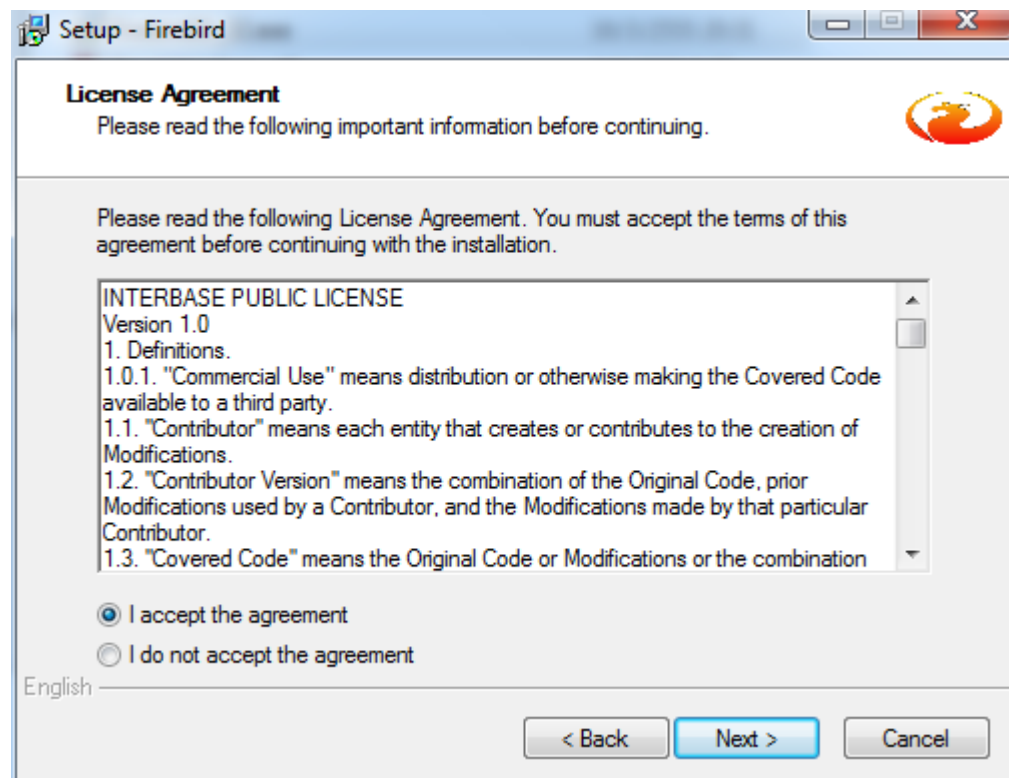
Select Setup Language will appear, click on OK button



2. Welcome screen will appear, click on Next > button

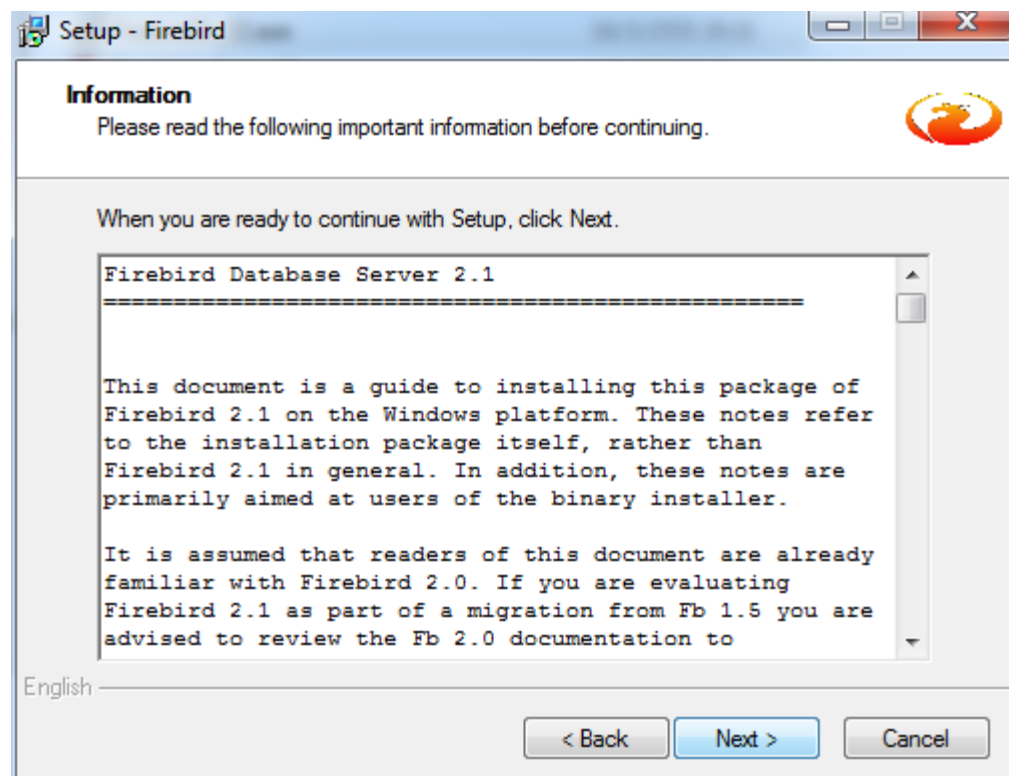


3. License Agreement will appear, choose I accept the agreement , click on Next > button

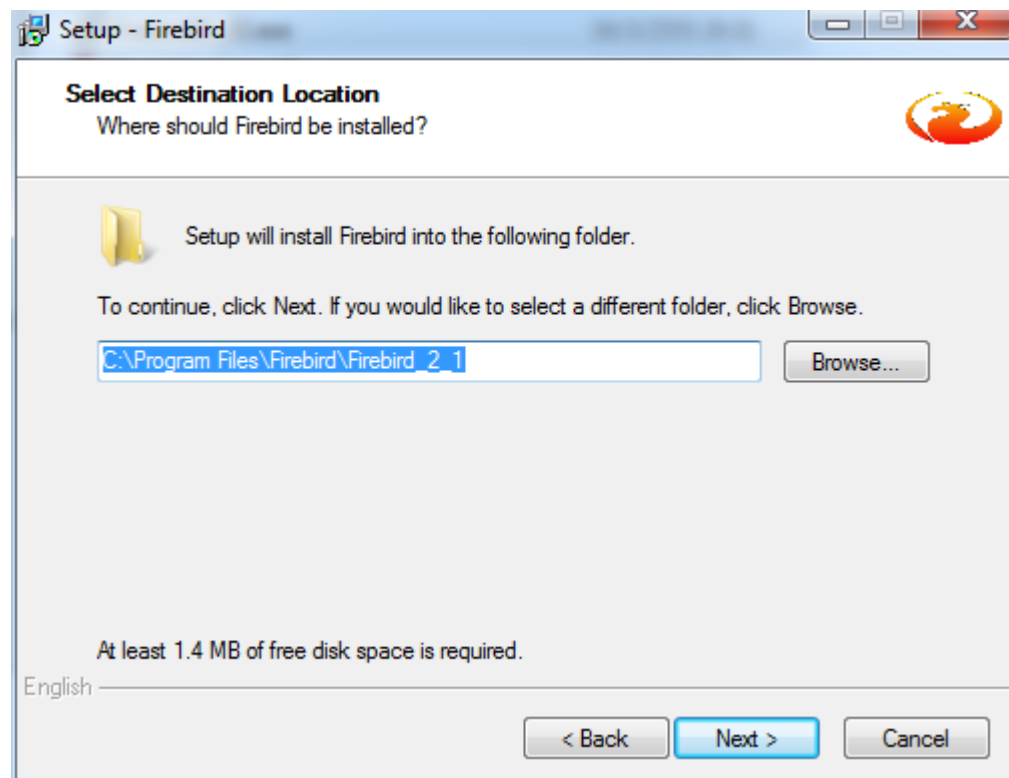


*** The rest steps is only click Next > button until finish ***

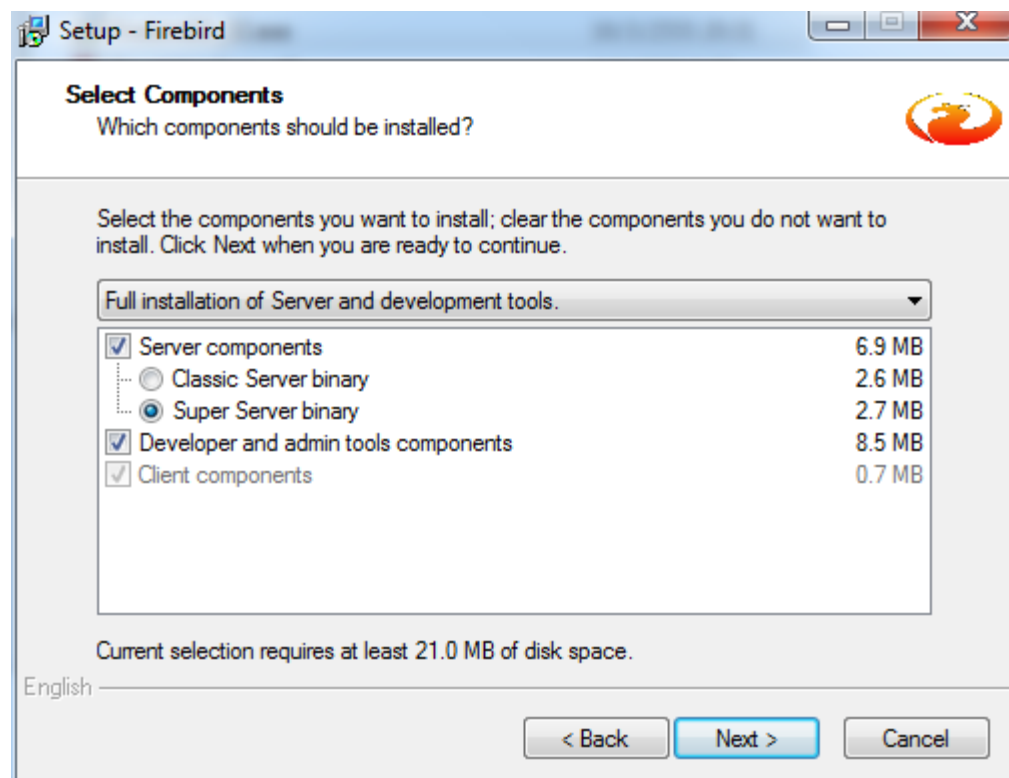
4. Information will appear, click on Next > button



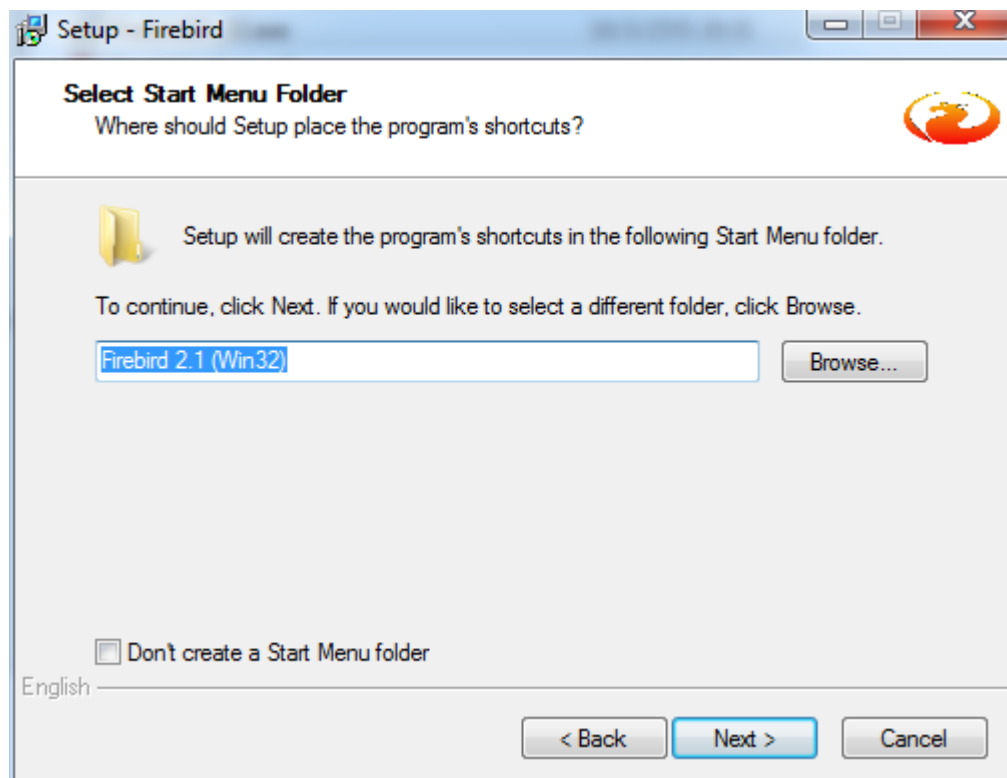
5. Select Destination Location will appear, click on Next > button



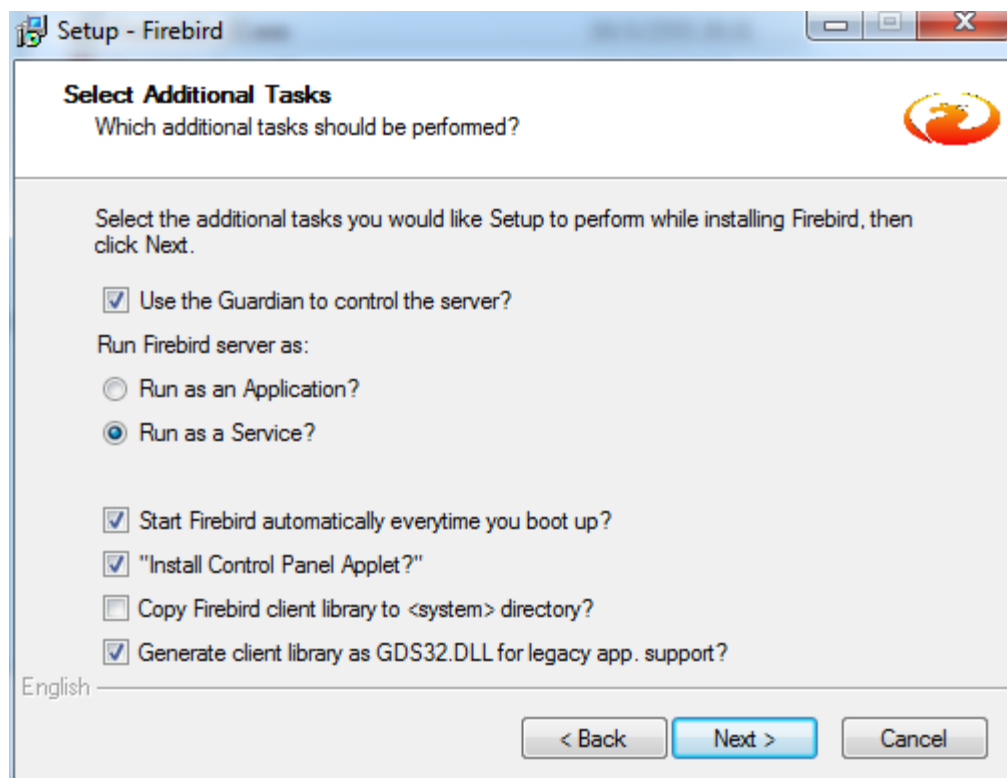
6. Select Components will appear, click on Next > button



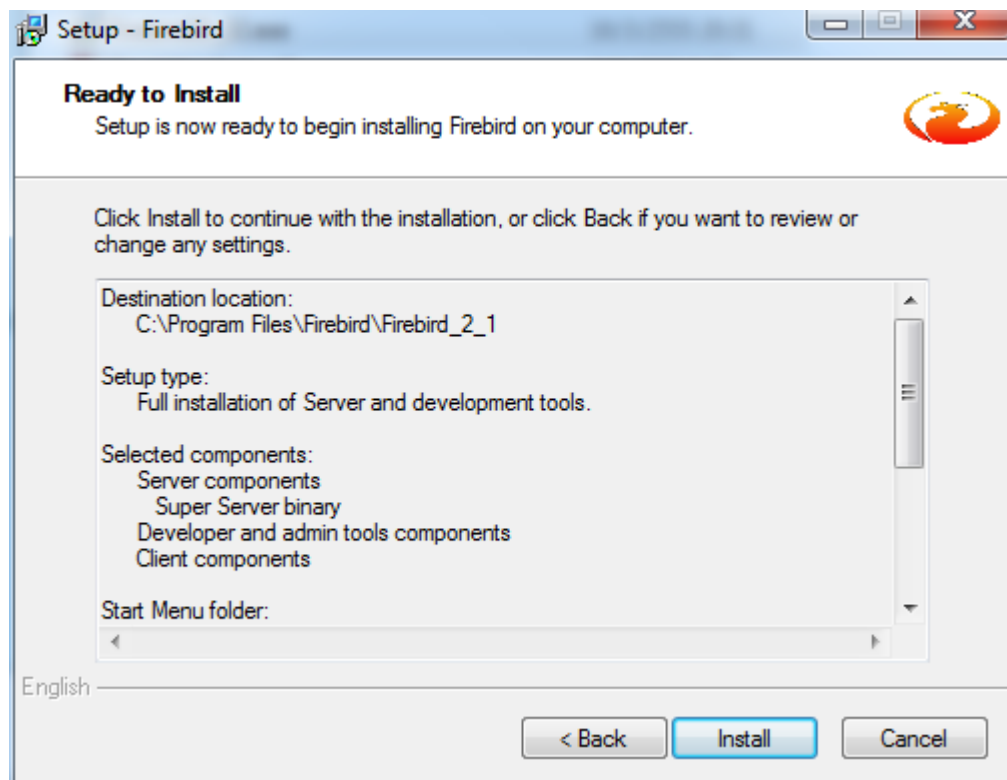
7. Select Start Menu Folder will appear, click on Next > button



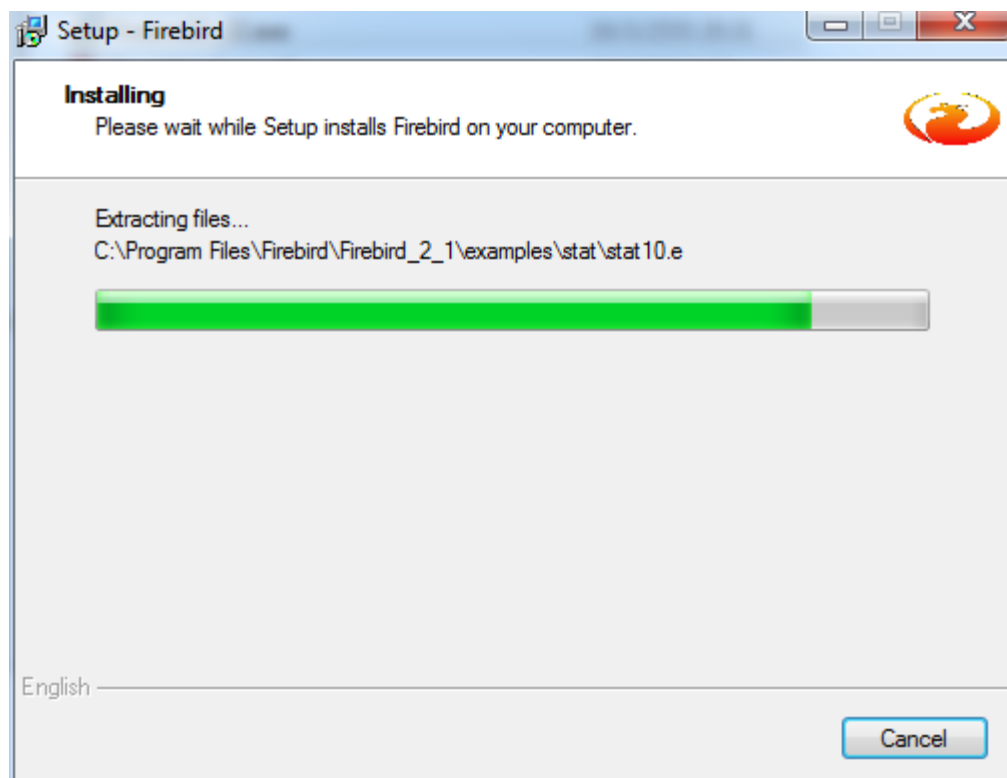
8. Select Additional Tasks will appear, click on Next > button



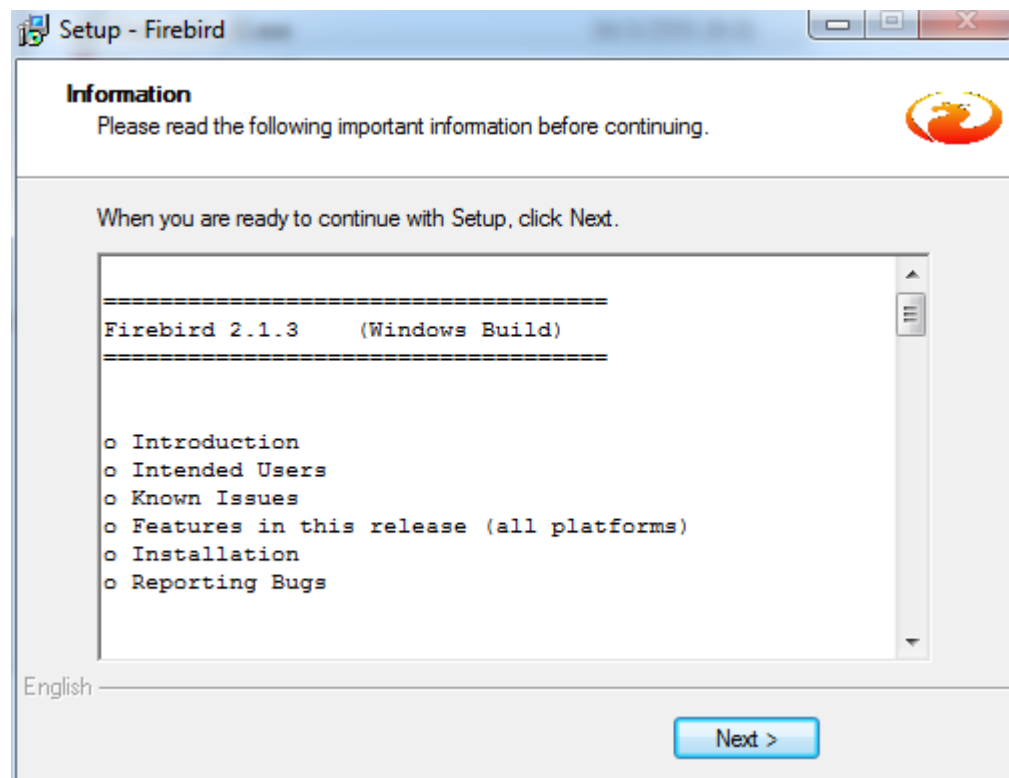
9. Select Additional Tasks will appear, click on Next > button



10. Installing will appear, click on Next > button



11. Information will appear, click on Next > button



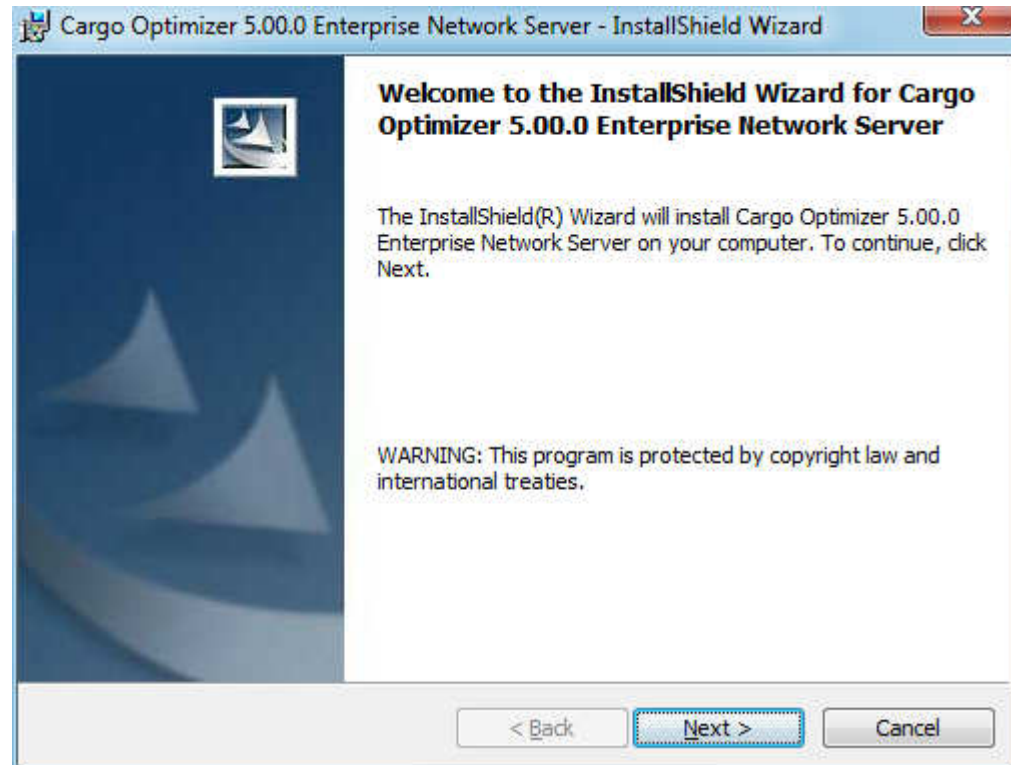
12. Complete setup will appear, click on Finish button



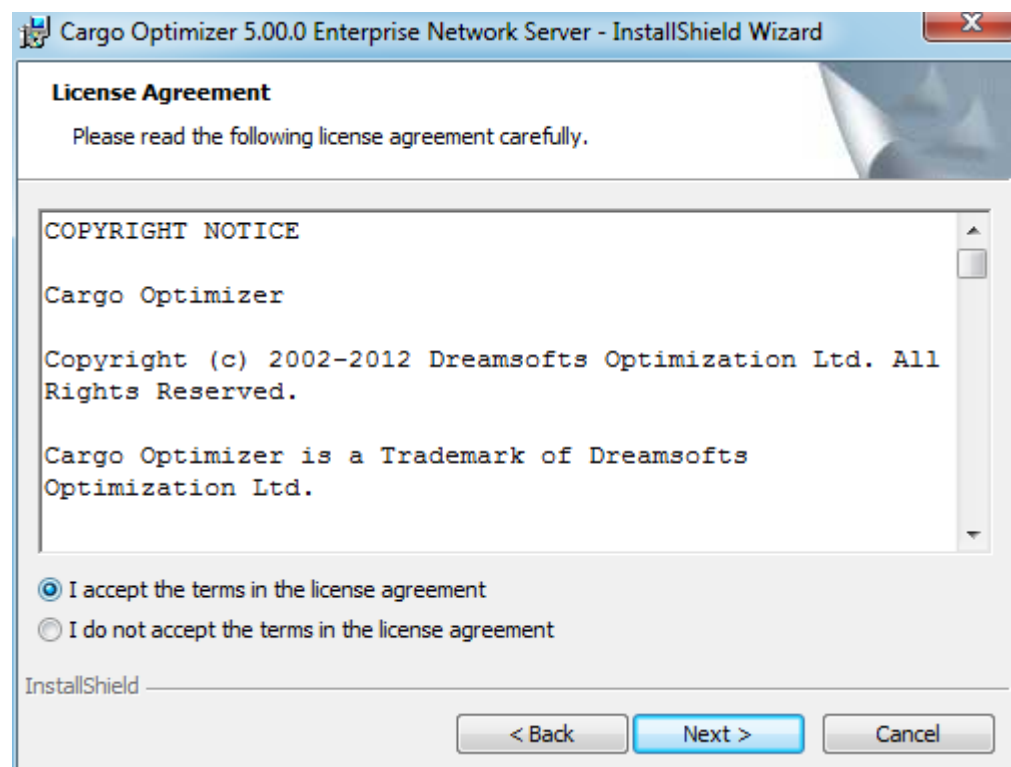
Note installation file Firebird21_32.exe in both folder Server and Client is the same file

Installation Cargo Optimizer Network on Server Computer

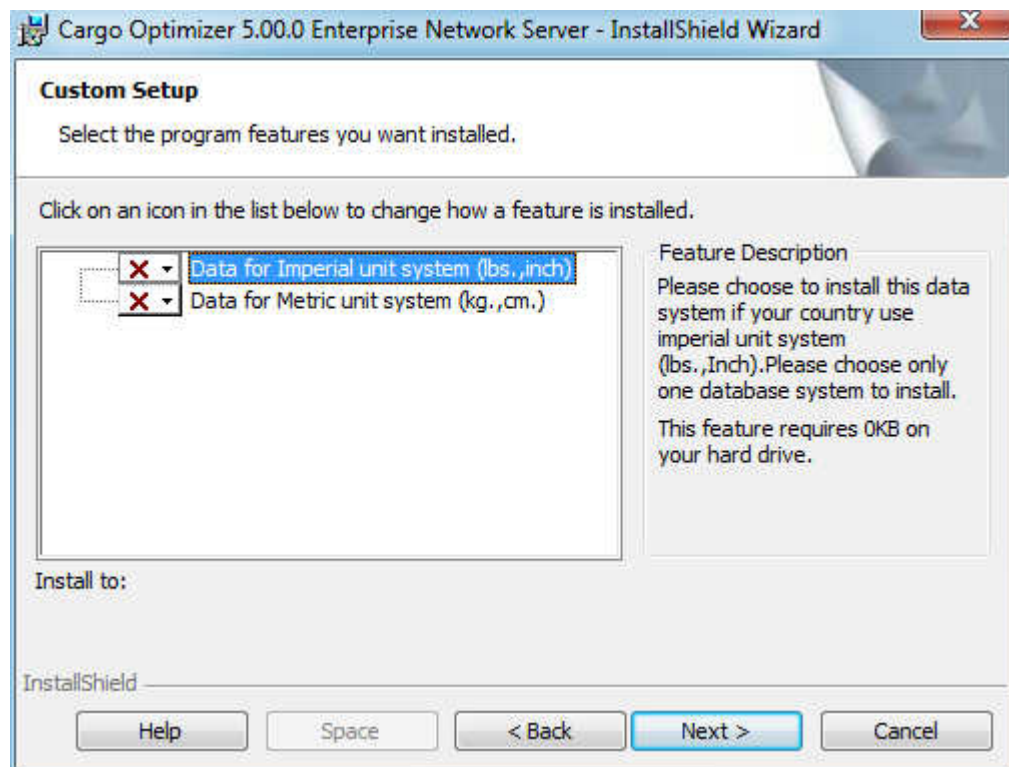
1. Double click **Setup.exe** in folder **Server** to start installation. **Welcome** screen will appear, click on **Next >** button



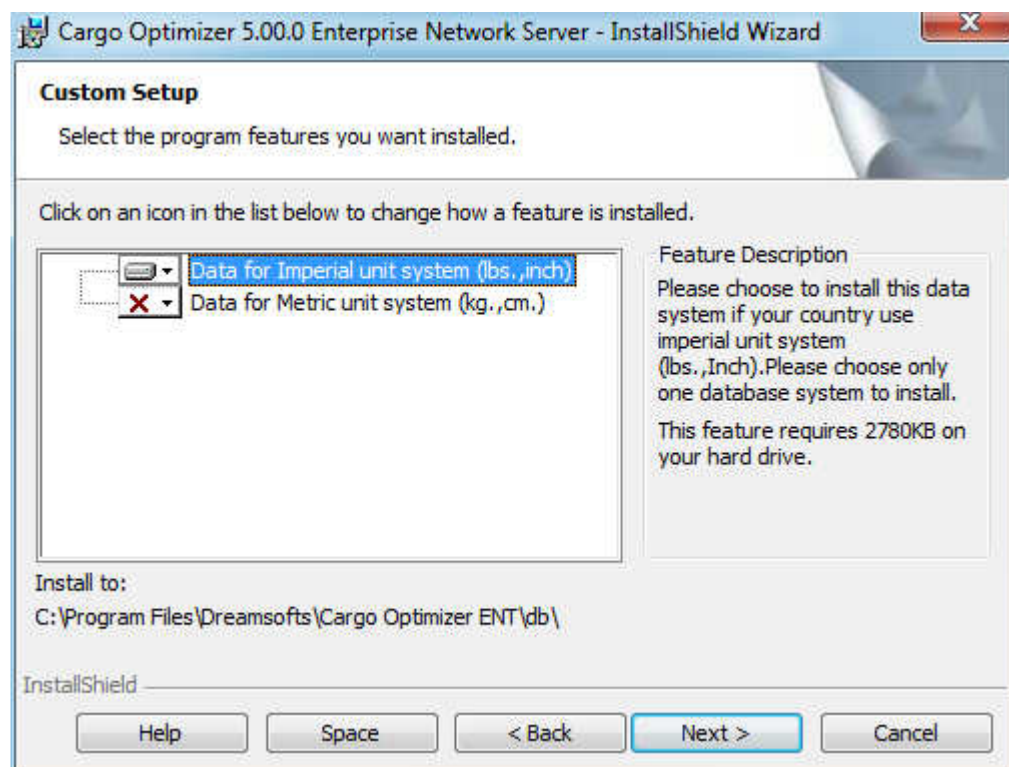
2. License Agreement will appear, choose I accept, click on **Next >** button



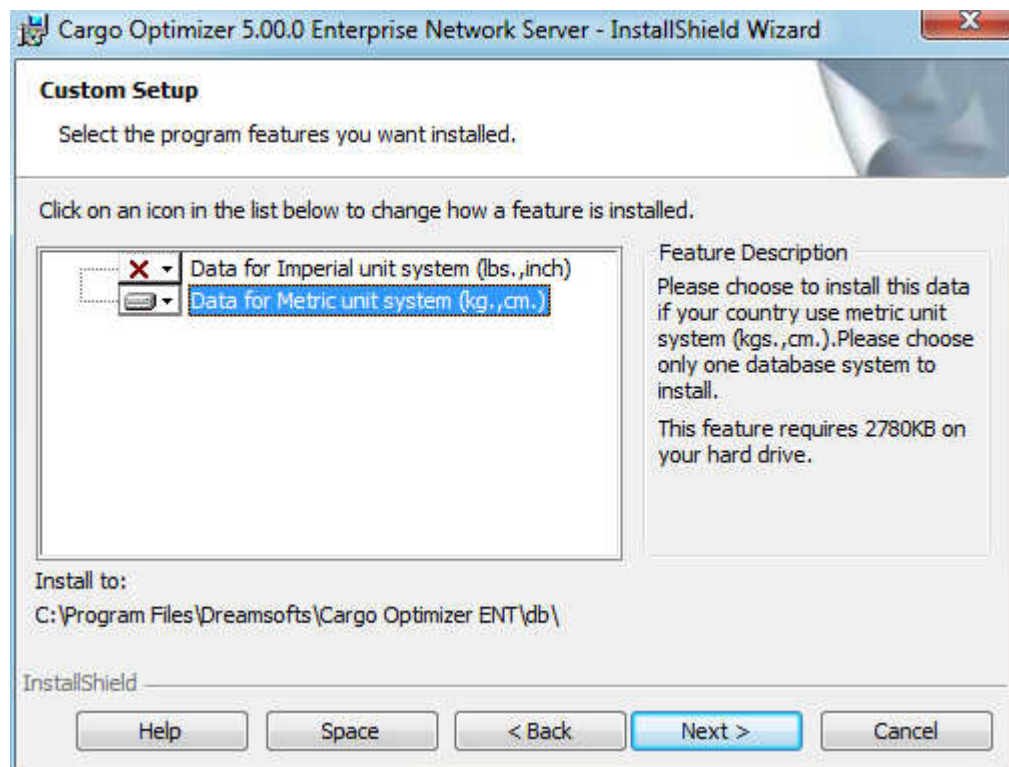
3. Custom setup will appear



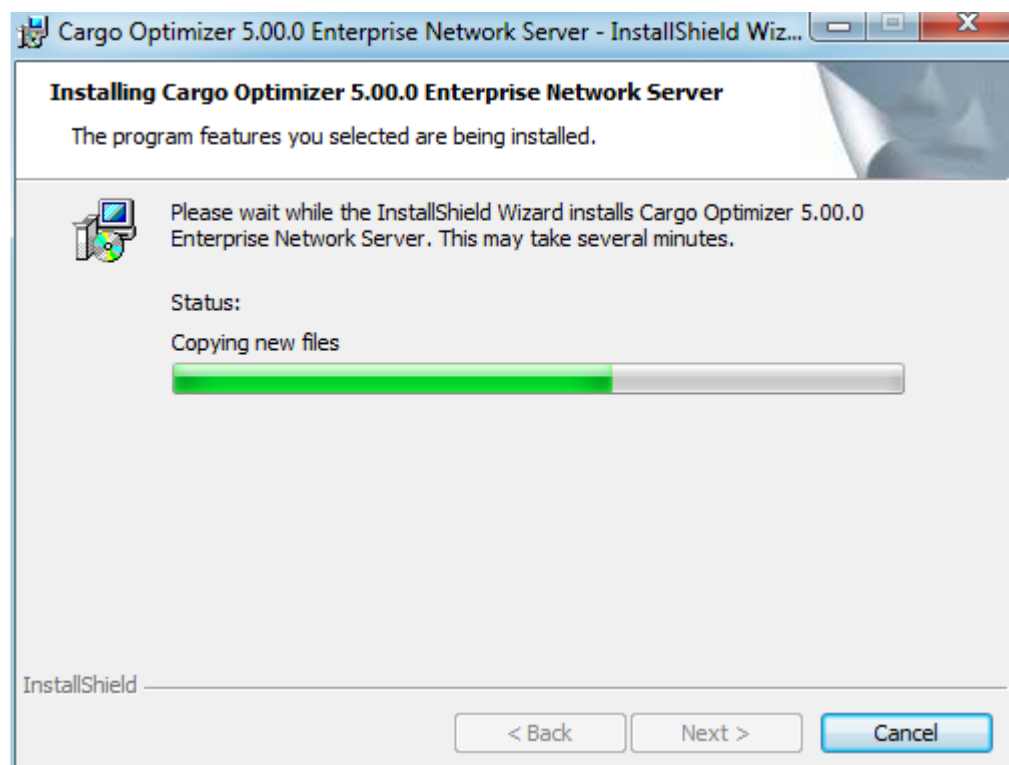
If you use Imperial Unit system (lbs./Inch), choose as below picture, click on **Next >** button



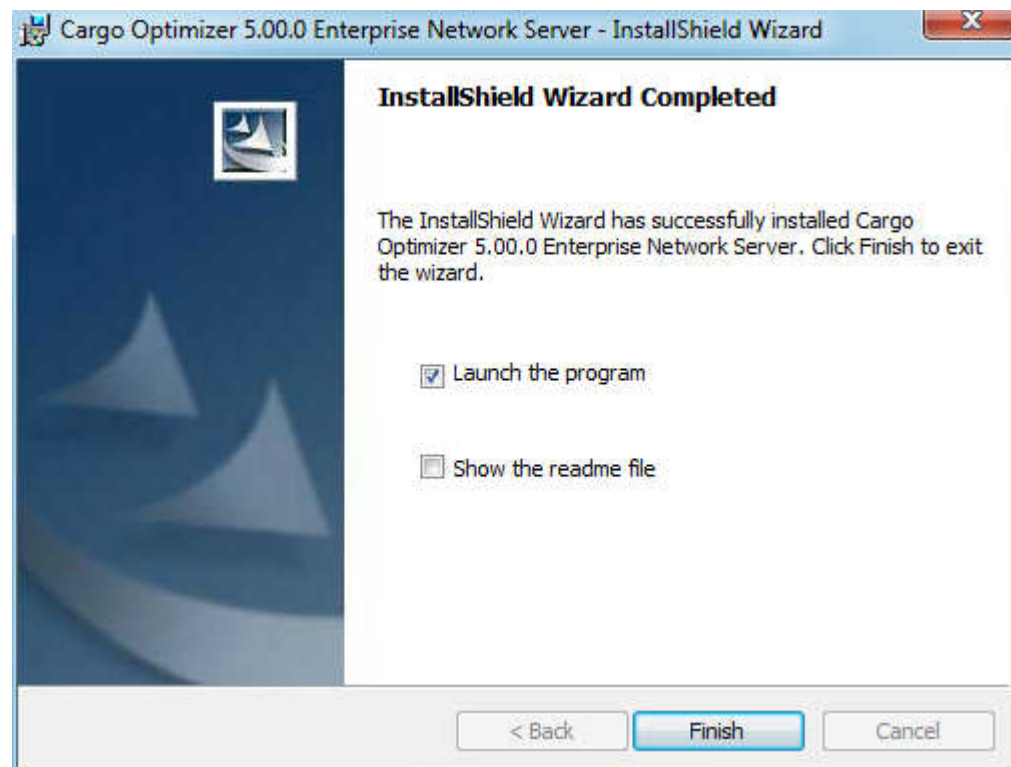
If you use Metric Unit system (kg./cm), choose as below picture, click on Next > button



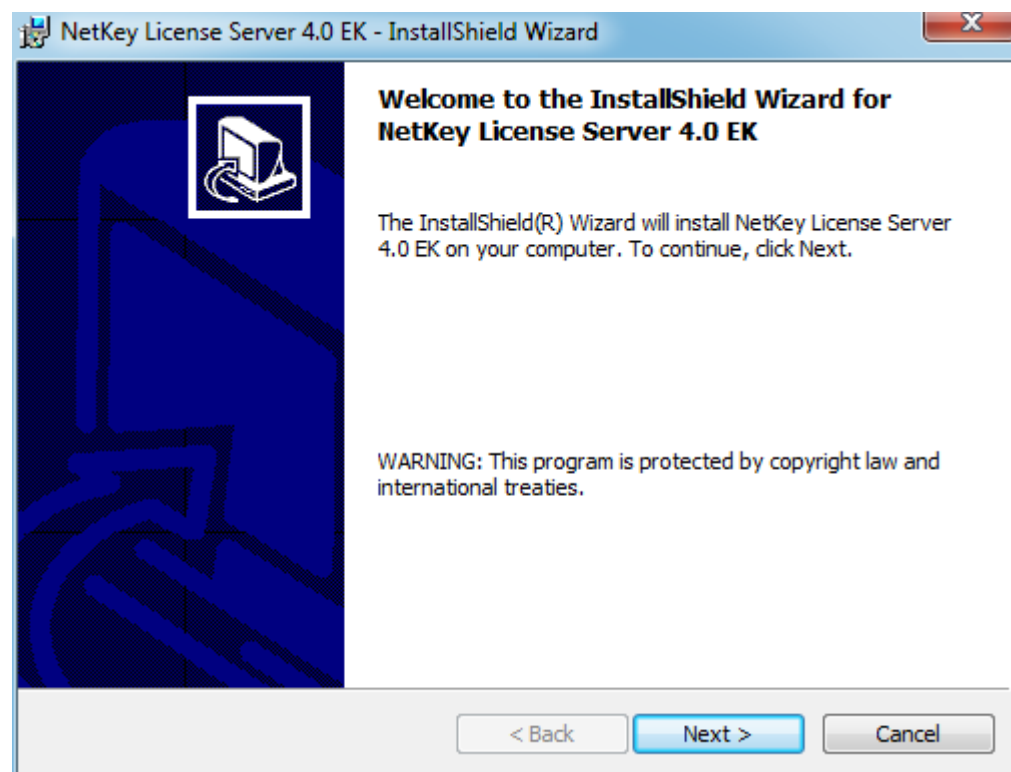
Installation process will start ...



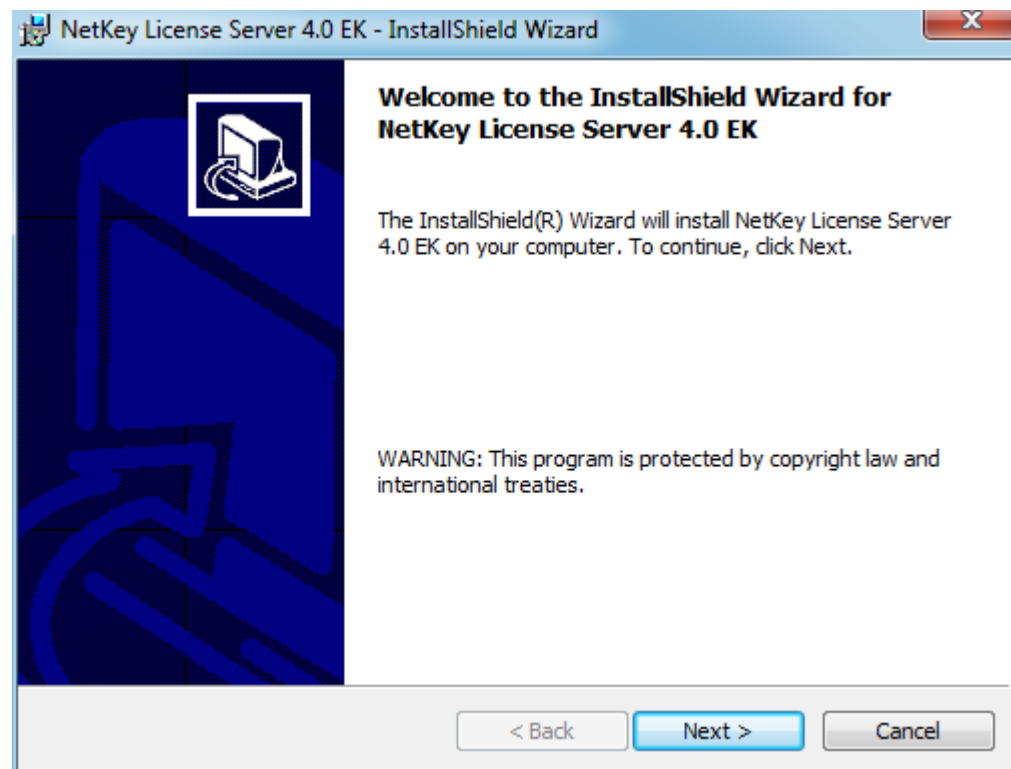
4. Complete installation will appear, leave check on Launch the program, click on Finish button



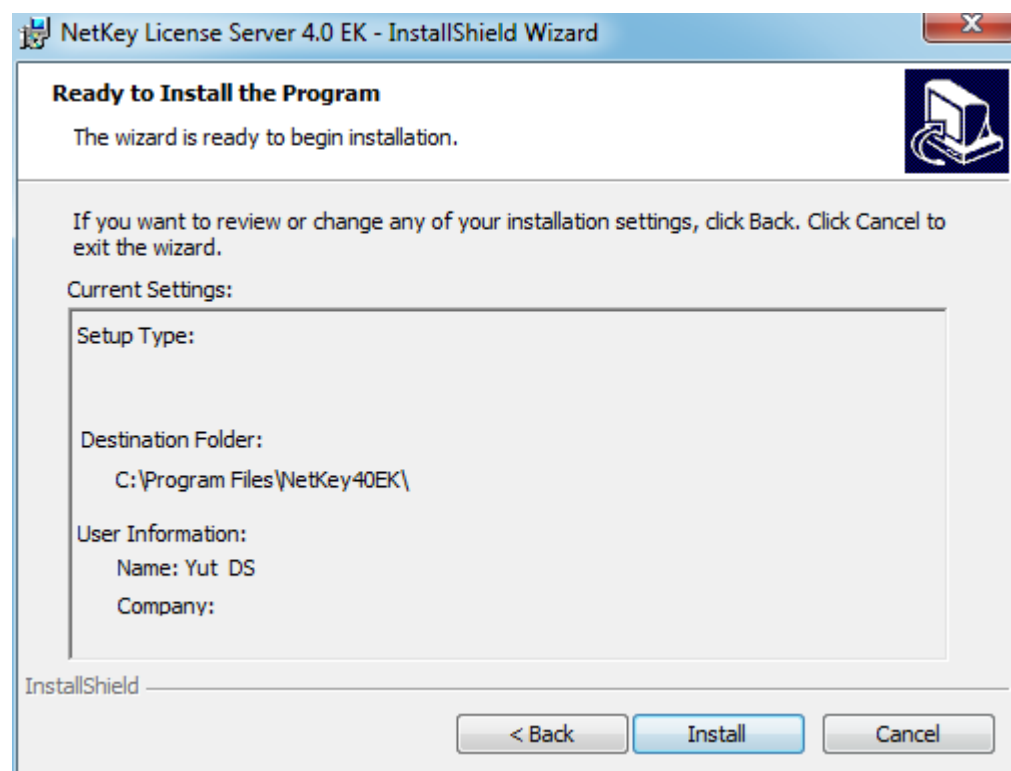
5. NetKey License Server (License management) will appear, click on Next > button



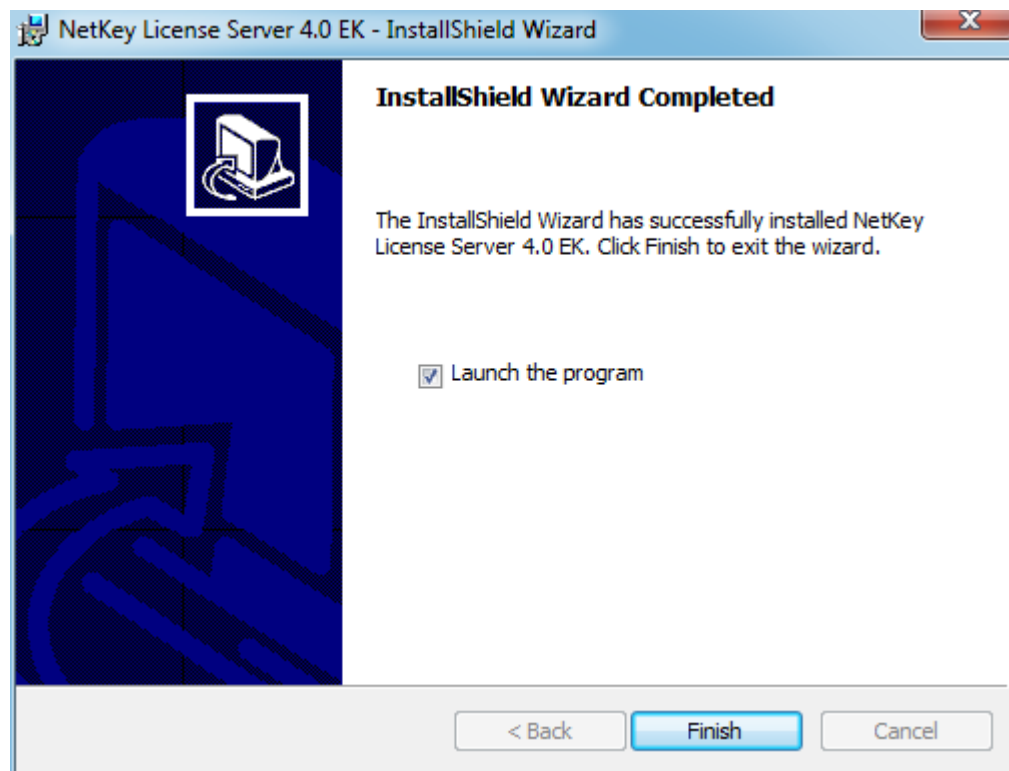
6. Welcome screen will appear, click on Next > button



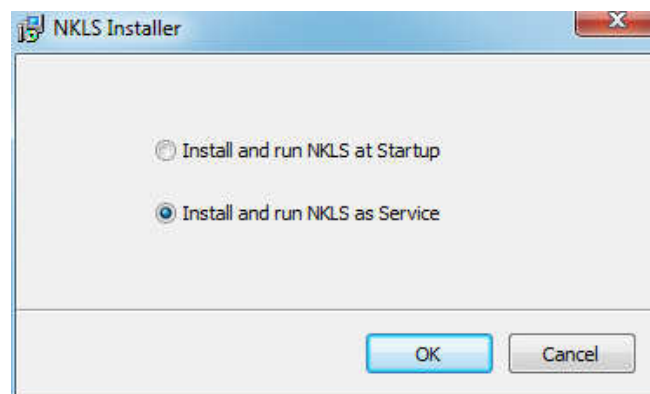
7. Ready to Install program will appear, click on Next > button



8. Complete will appear, leave check on Launch the program, click on Finish > button



9. NKLS Installer will appear, choose Install and run NKLS as Service, click on OK

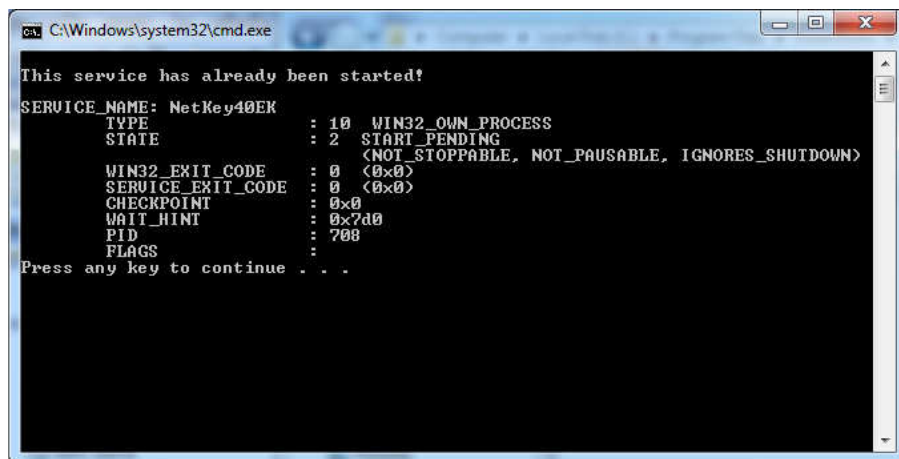


Install and run NKLS at Startup = execute service after login

Install and run NKLS as Service = execute service after Windows start

10. Complete installation will appear, click on any key on keyboard to start process

Finish installation of Cargo Optimizer on Server computer



11. Next step to do on server computer id open Port on TCP/IP protocol for data communication

There are two Ports need to open

Port number 1245 for License management

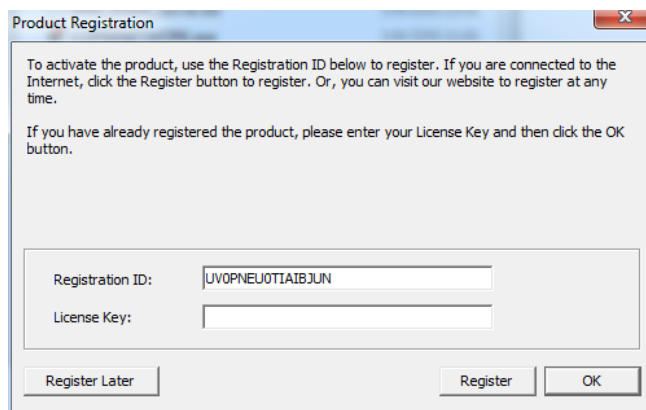
Port number 3050 for FirdbirdSQL database

Step to unlock Cargo Optimizer Network on Server computer

Double click on file **Register.exe** in program folder on server computer

Windows 32 bits : C:\Program Files\Dreamsofts\Cargo Optimizer ENT\Register.exe

Windows 64 bits : C:\Program Files (x86)\Dreamsofts\Cargo Optimizer ENT\Register.exe



Product registration will appear, please contact us with your **Registration ID** (on dialog)
wait for our reply for **License Key** to enter and click OK to finish unlock process.

Installation Cargo Optimizer Network on Client Computer

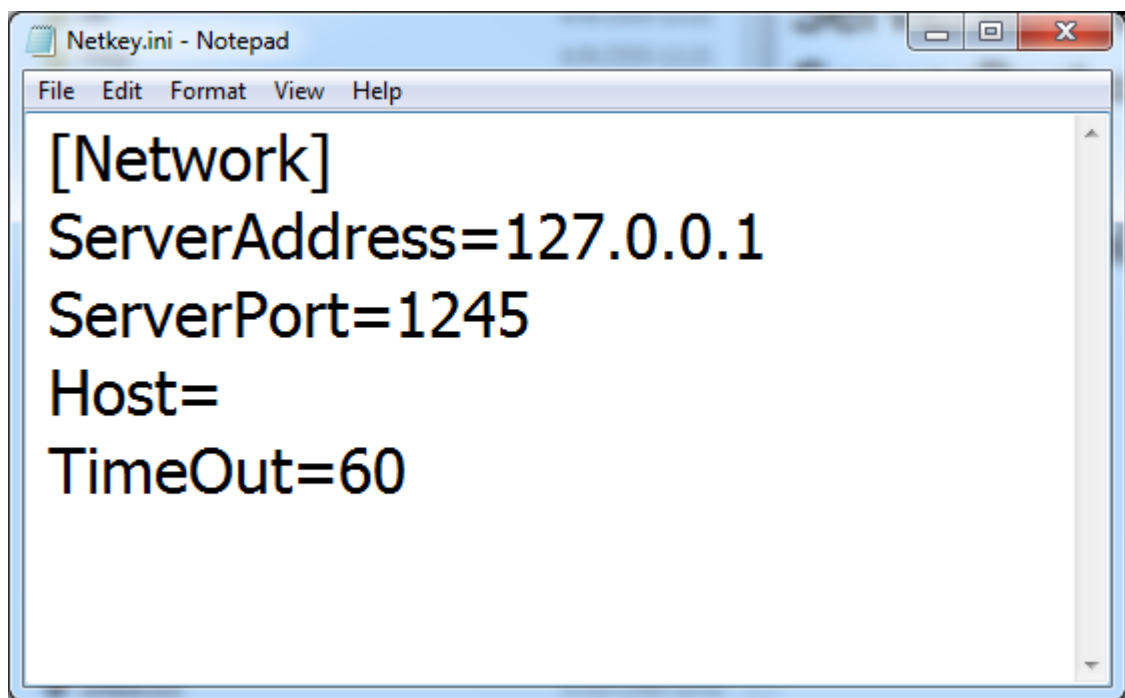
1. Double click **Setup.exe** in folder **Client** to start installation. **Welcome** screen will appear, click on **Next >** button to start installation. The rest process is same as Server process 1-8

*** You must to use **Setup.exe** in folder **Client** to install ***

2. After finish installation, we need to config **IP Address** for license management system (use to use to authorize software execution from **Server**) by open file **Netkey.INI** with **Notepad**. This file is in program folder of **Client** computer

Windows 32 bits : C:\Program Files\Dreamsofts\Cargo Optimizer NET\Netkey.ini

Windows 64 bits : C:\Program Files (x86)\Dreamsofts\Cargo Optimizer NET\Netkey.ini

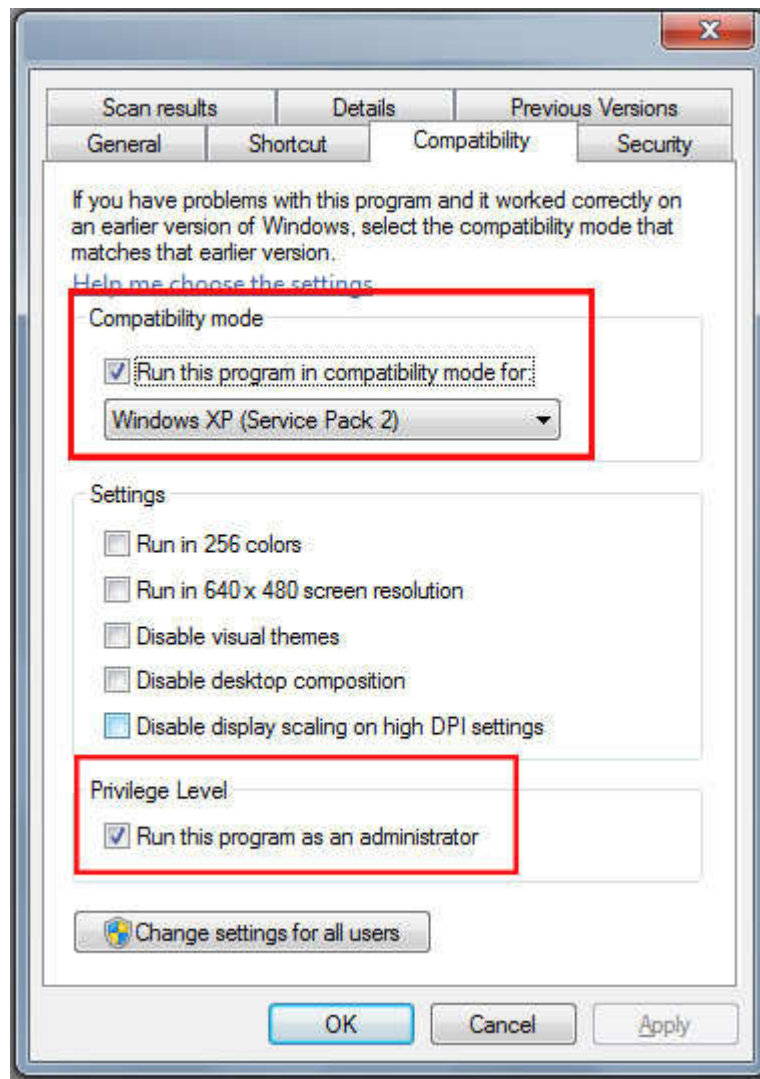


edit **ServerAddress=** as IP Address of Server computer (For sample 127.0.0.1)

Instruction for Windows 7/8/10/11

Click on program shortcut on Desktop, Then right click your mouse, choose on **Properties** menu.

Click on **Compatibility** tab. Then set options as below picture and click **OK** button



Set database path for Cargo Optimizer Network on Client computer

1. On first execution of **Cargo Optimizer Network**, log in dialog will appear

A login dialog box with two input fields: 'User name' containing 'admin' and 'Password' containing '1234'. Below the password field is a 'Login' button. To the right, under the 'Database' label, there are two radio buttons. The first is selected and labeled 'Local [C:\Program Files\Dreamsofts\Cargo Optimizer ENT\DB\COPDB.FDB]'. The second is labeled 'Network [:C:\Program Files\Dreamsofts\Cargo Optimizer ENT\DB\COPDB.FDB]'.

Enter Username = **admin** Password = **1234** choose database **Local** , click **Login**

2. Then click on left menu **Tools**, then click **Database setting**

The screenshot shows the 'Dreamsofts Cargo Optimizer 5.00.0 Enterprise Network [Administrator]' window. The 'Tools' menu item in the left sidebar is highlighted with a red box and a yellow '1'. Below it, the 'Database setting' icon is highlighted with a red box and a yellow '2'. The main area shows the 'Setting' tab with various fields for company information, including Name, Address, Phone, Fax, Website, Email, and Currency.

3. Enter **Database path** and **Server IP address** (add /3050 after IP address) then click **OK**

A dialog box titled 'Setting network database path'. It contains two input fields: 'Database path' with the value 'C:\Program Files\Dreamsofts\Cargo Optimizer NET\DB\COPDB.FDB' and 'Server IP address' with the value '192.168.1.10/3050'. At the bottom right are 'OK' and 'Cancel' buttons.

4. Exit **Cargo Optimizer Network** and execute again

5. Enter **Username** and **Password** from Administrator of Cargo Optimizer choose database **Network** then click **Login**

There are two databases to choose on login process

Local : use database on your computer (use your username and password)

Network : use main database on Server (use username and password from administrator)

There are three user types in Cargo Optimizer Network. User, Staff and Administrator

	User	Staff	Administrator
Create/delete User	no	no	yes
View shipment	own shipment	all	all
manage user permission	no	no	yes

Default username and password on standard database as table

User name	Password	User type
admin	1234	Administrator
staff	1234	Staff
user	1234	User

After login to database network, please change user name and password of Administrator.

You can create new user, define user type and permission to any database on permission table

	Create	Delete	Update
Shipment	☒ allow	☒ allow	
Cargo Group	☒ allow	☒ allow	☒ allow
Cargo	☒ allow	☒ allow	☒ allow
Container Group	☒ allow	☒ allow	☒ allow
Container	☒ allow	☒ allow	☒ allow
Customer	☒ allow	☒ allow	☒ allow
Report header	☒ allow	☒ allow	☒ allow