

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

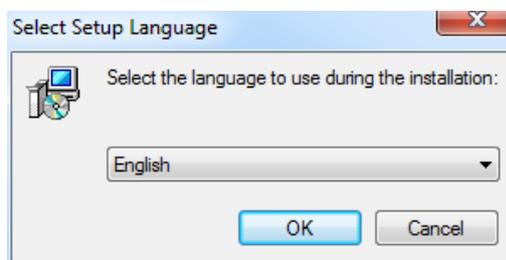
Server for install to server computer (main database and license management)

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

Step 1 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.

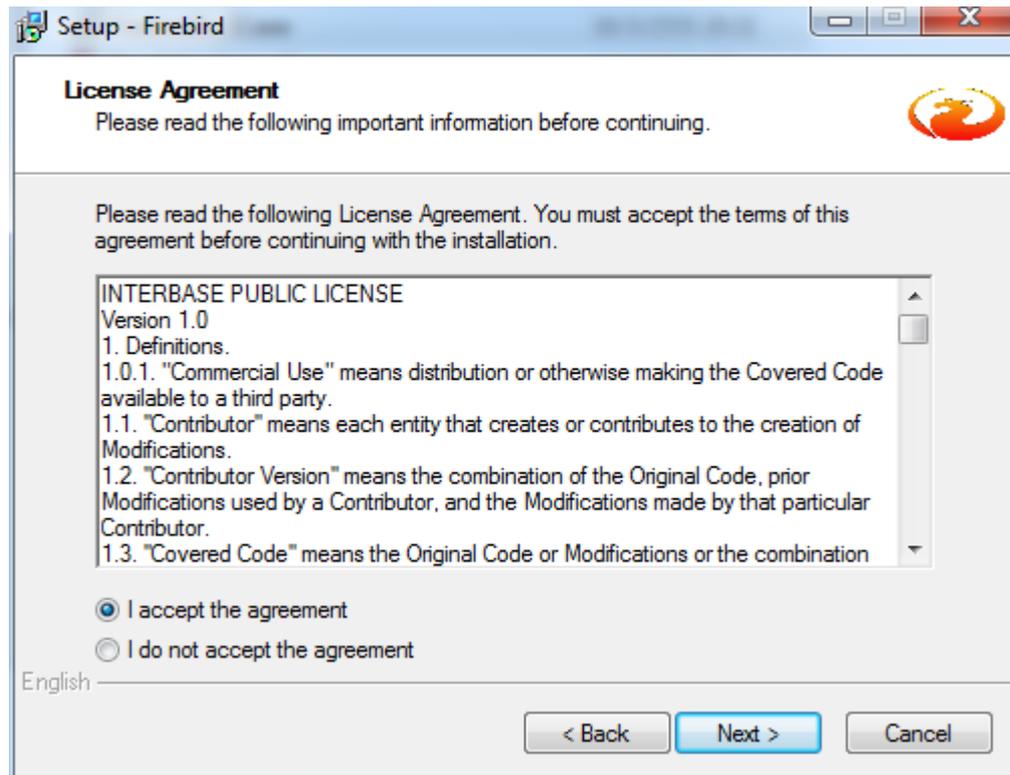
Select Setup Language will appear, click on OK button



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

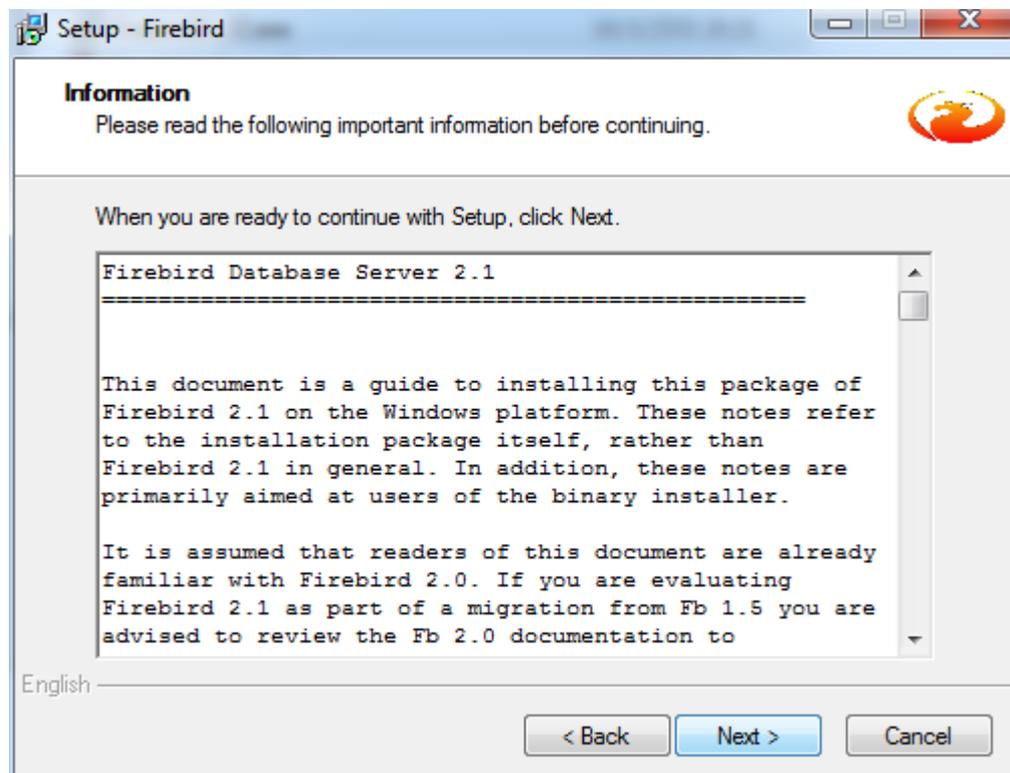


3. License Agreement will appear, choose I accept the agreement , click on Next > button

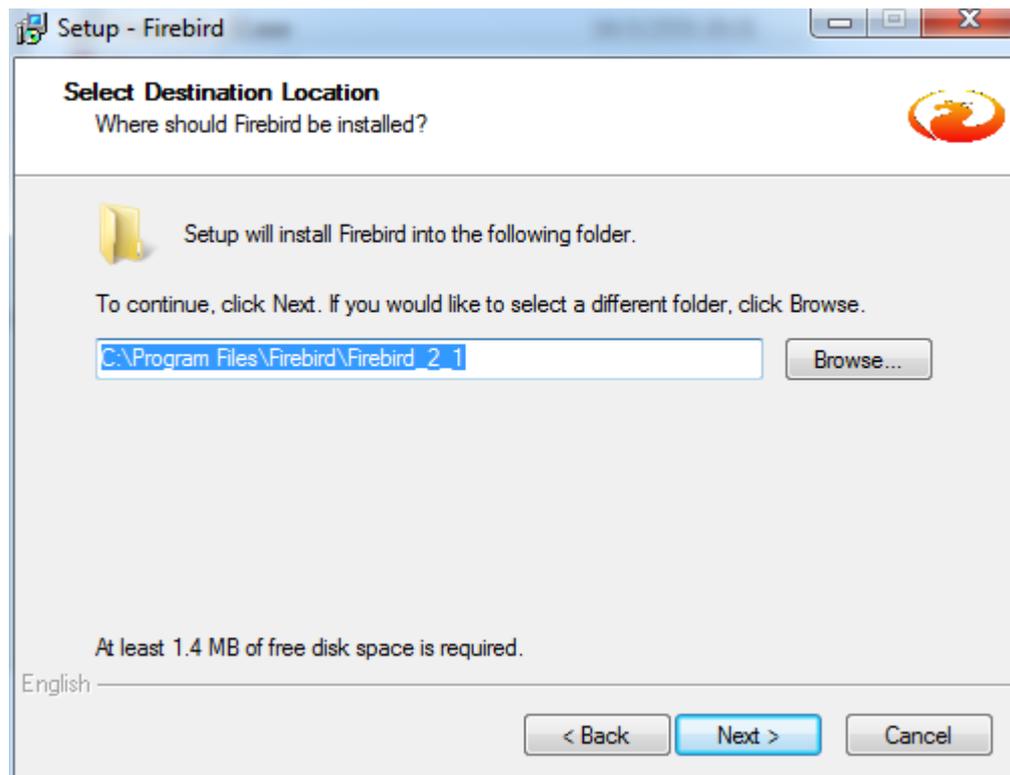


*** The rest steps is only click Next > button until finish ***

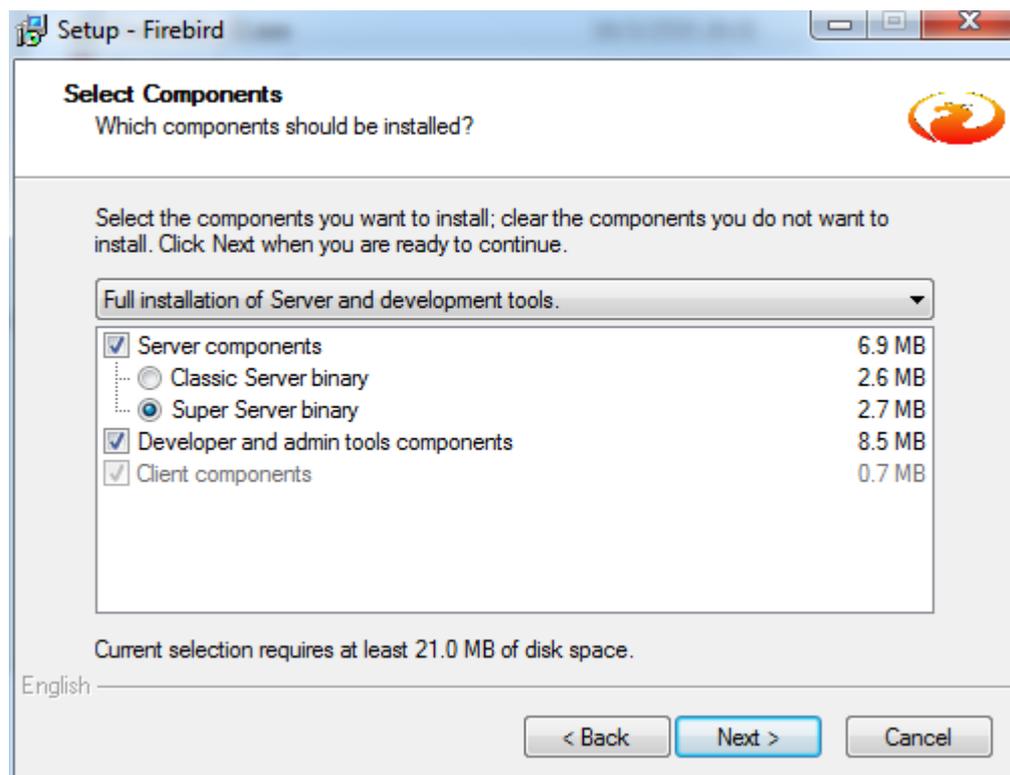
4. Information will appear, click on Next > button



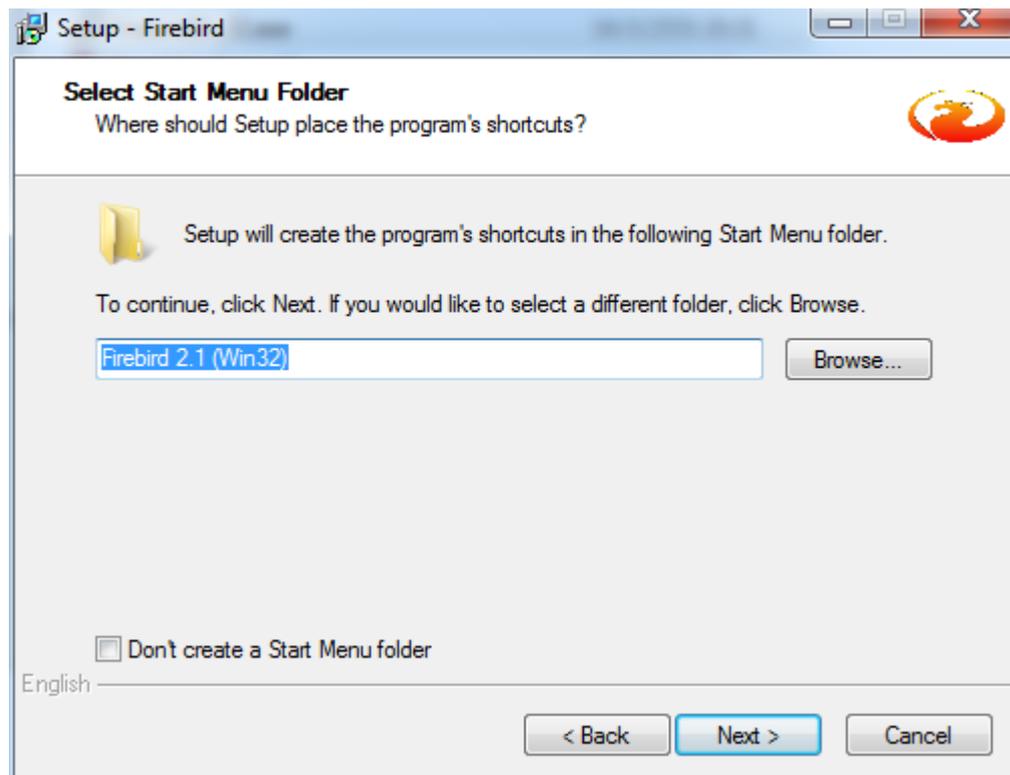
5. Select Destination Location will appear, click on Next > button



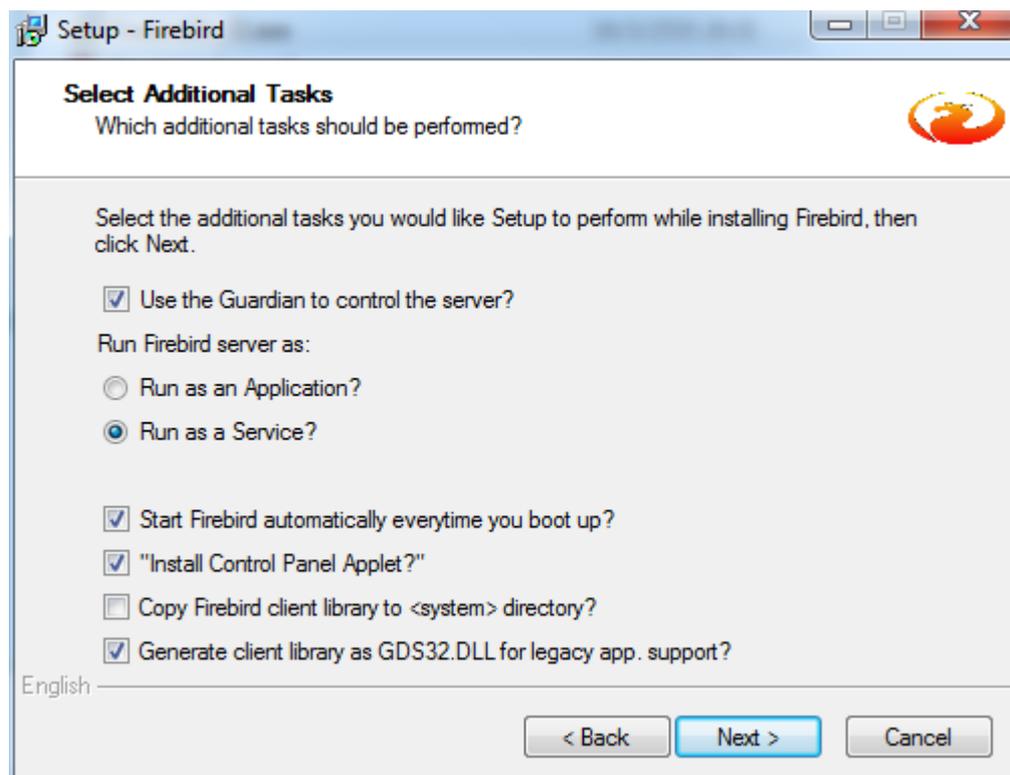
6. Select Components will appear, click on Next > button



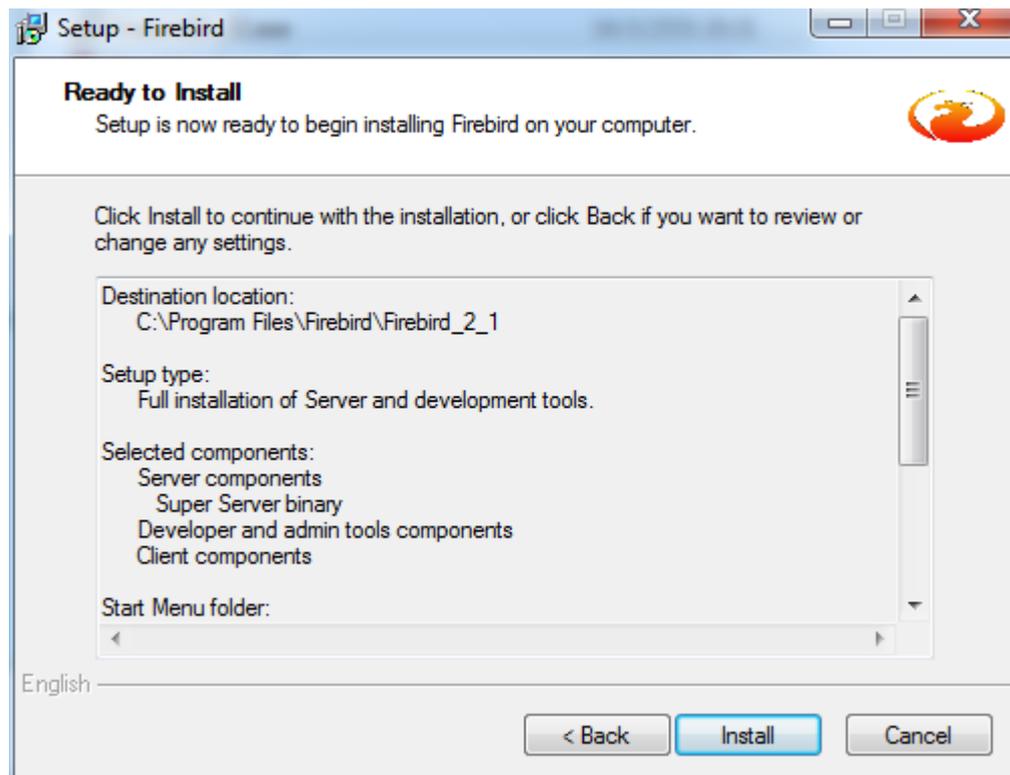
7. Select Start Menu Folder will appear, click on Next > button



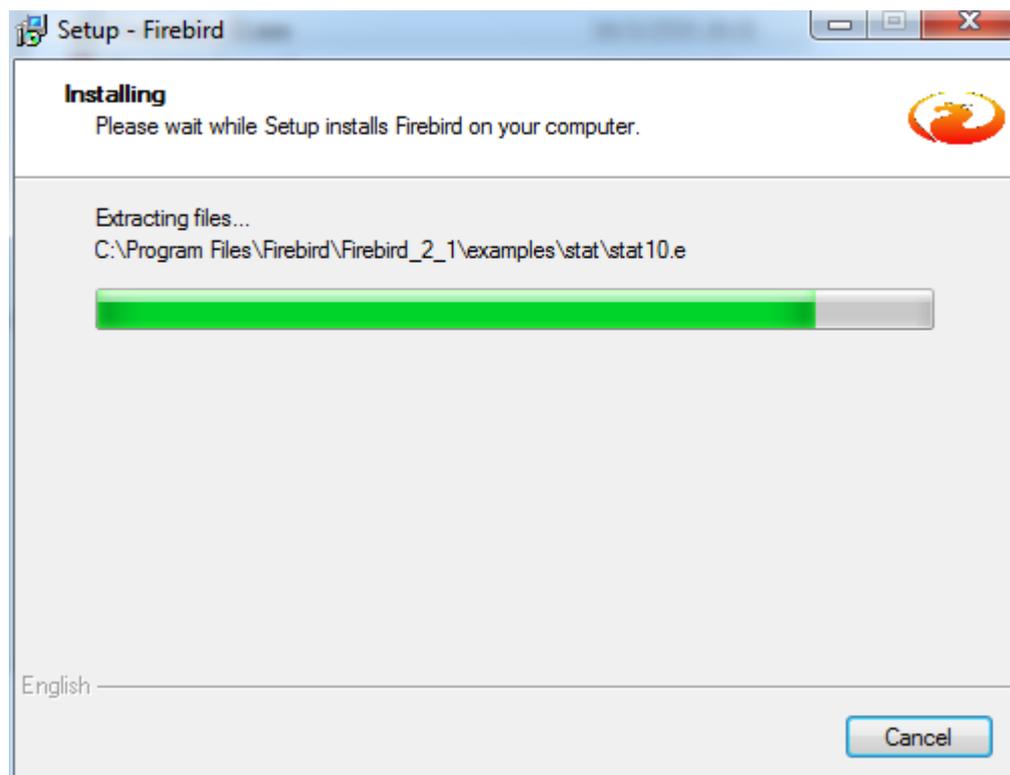
8. Select Additional Tasks will appear, click on Next > button



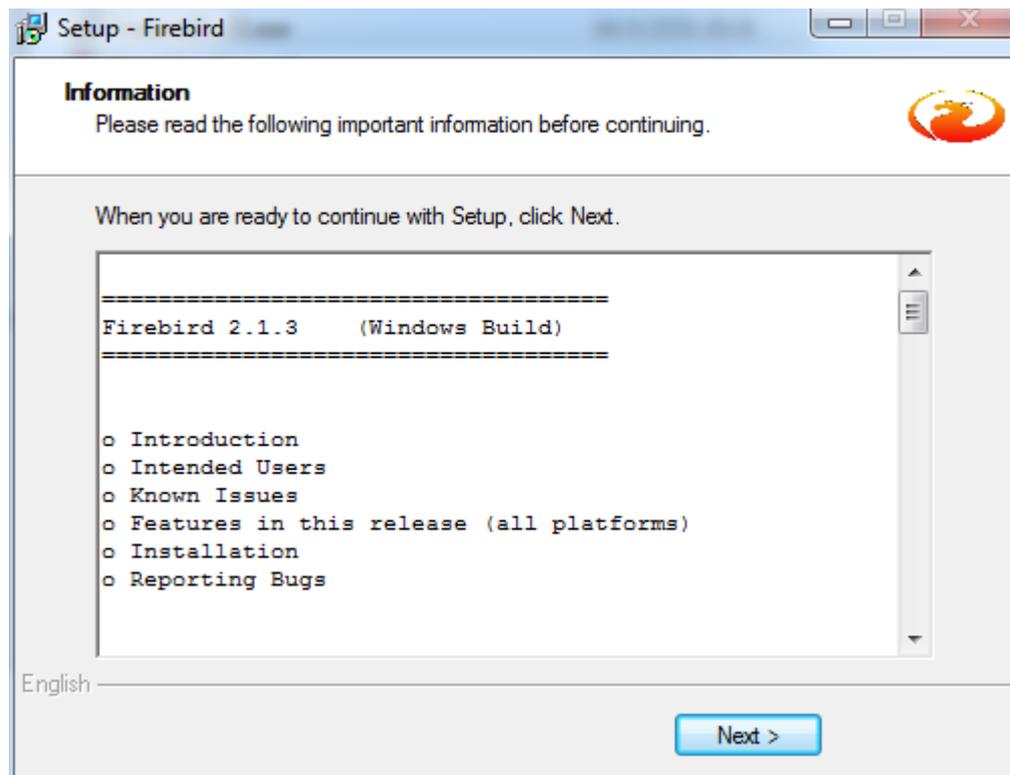
9. Select Additional Tasks will appear, click on Next > button



10. Installing will appear, click on Next > button



11. Information will appear, click on Next > button



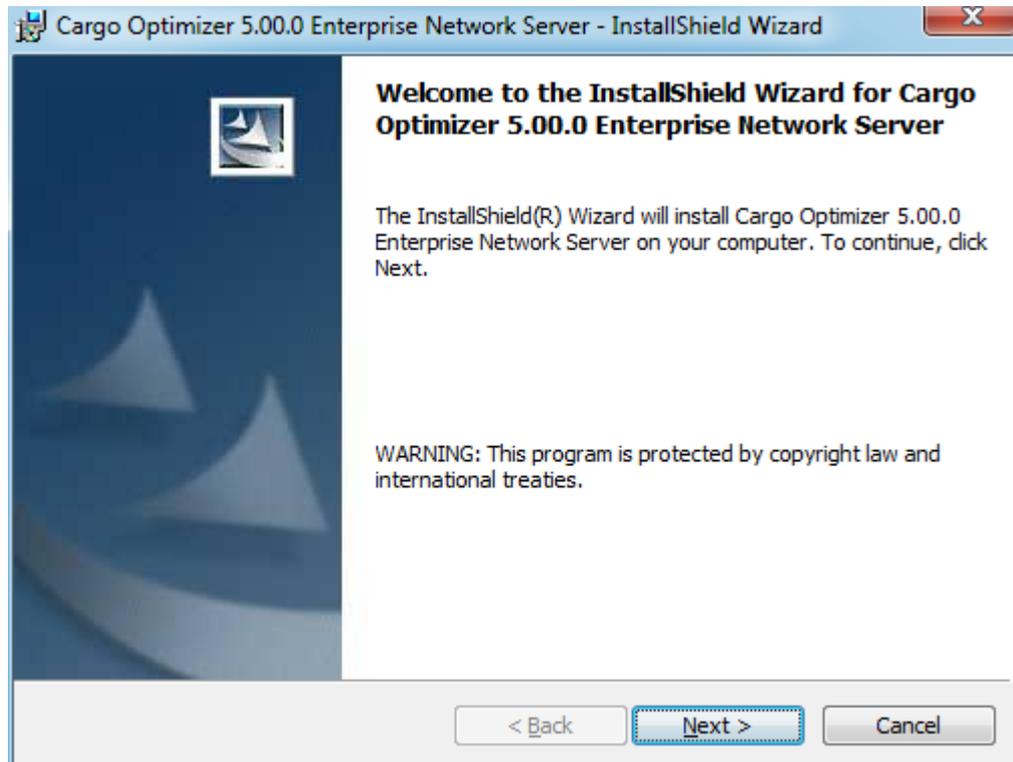
12. Complete setup will appear, click on Finish button



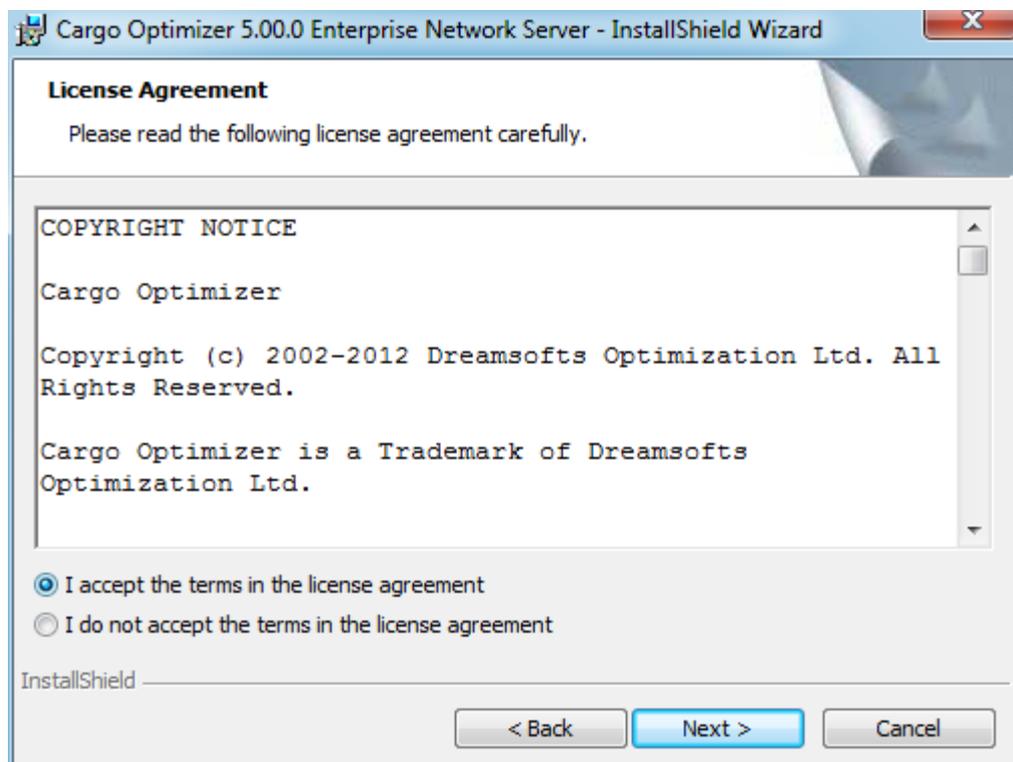
Note installation file Firebird21_32.exe in both folder Server and Client is the same file

Step 2 Installation Cargo Optimizer Network on Server Computer

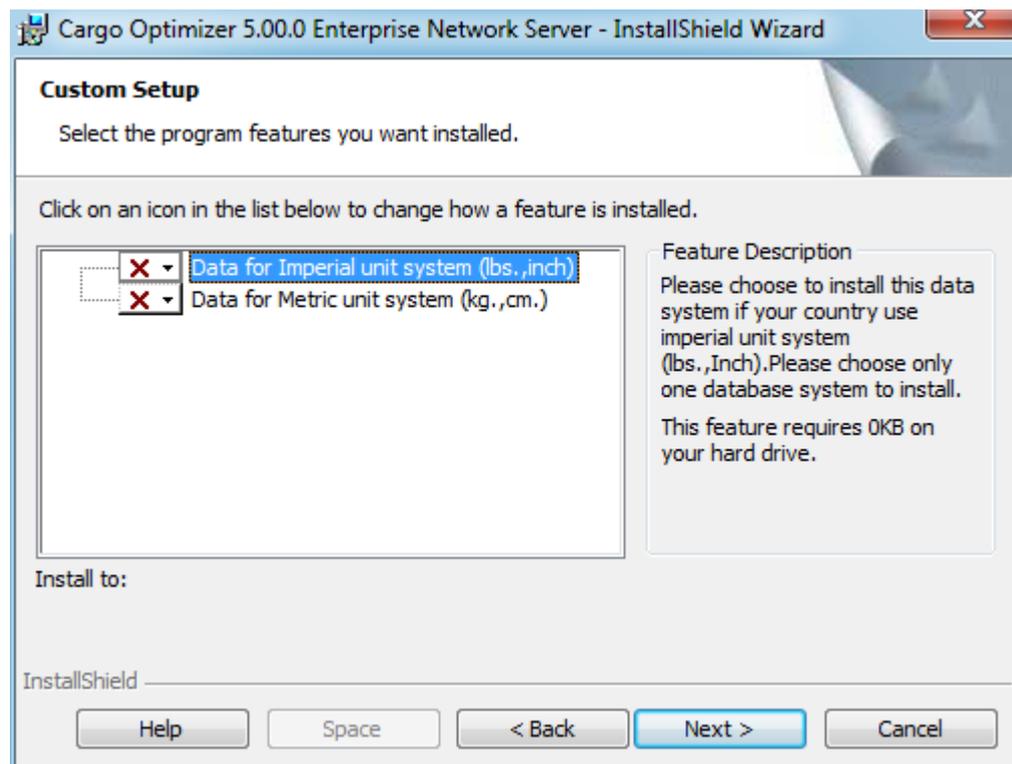
1. Double click **Setup.exe** in folder **Server** to start installation. Welcome screen will appear, click on **Next >** button



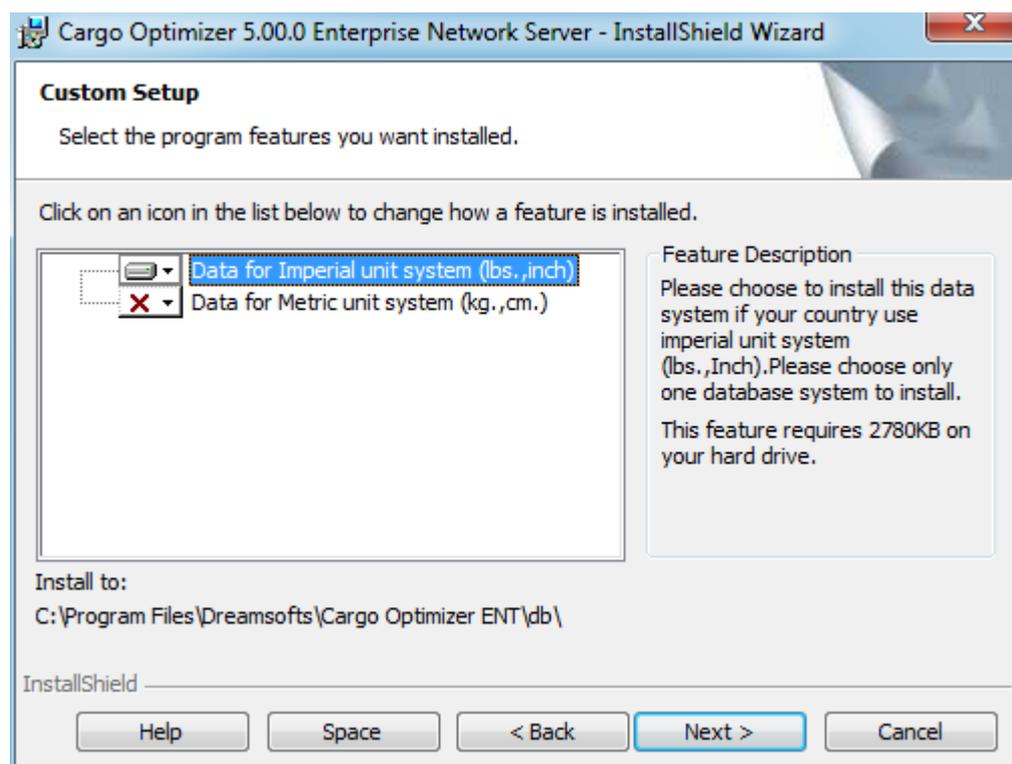
2. License Agreement will appear, choose I accept, click on **Next >** button



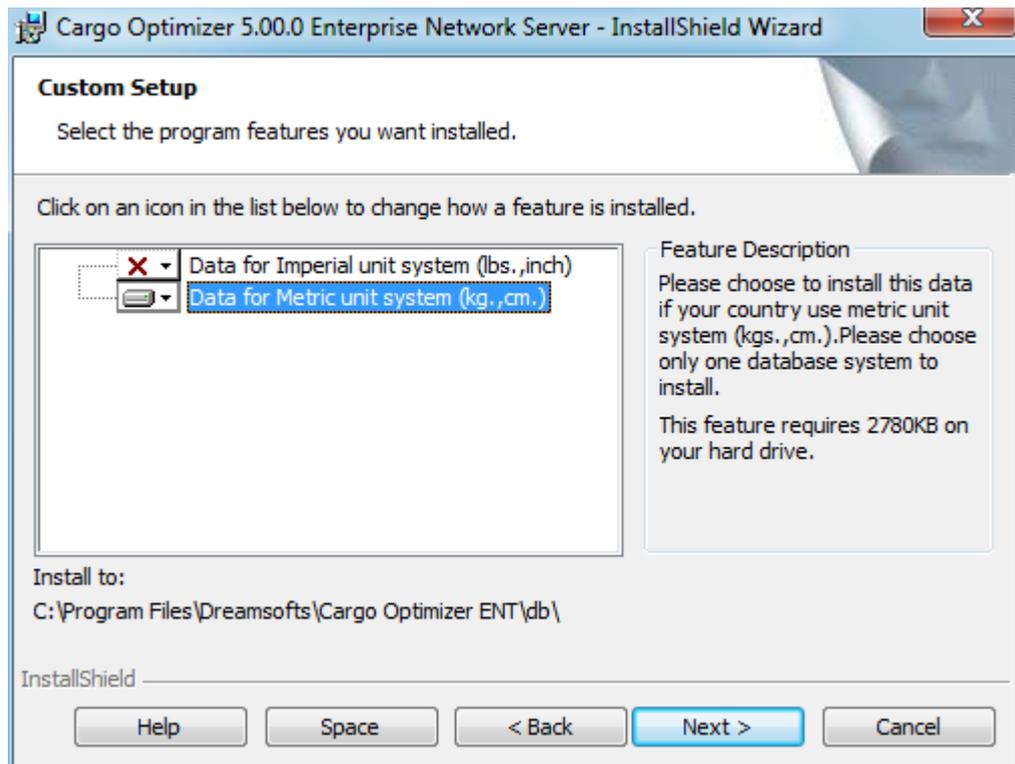
3. Custom setup will appear



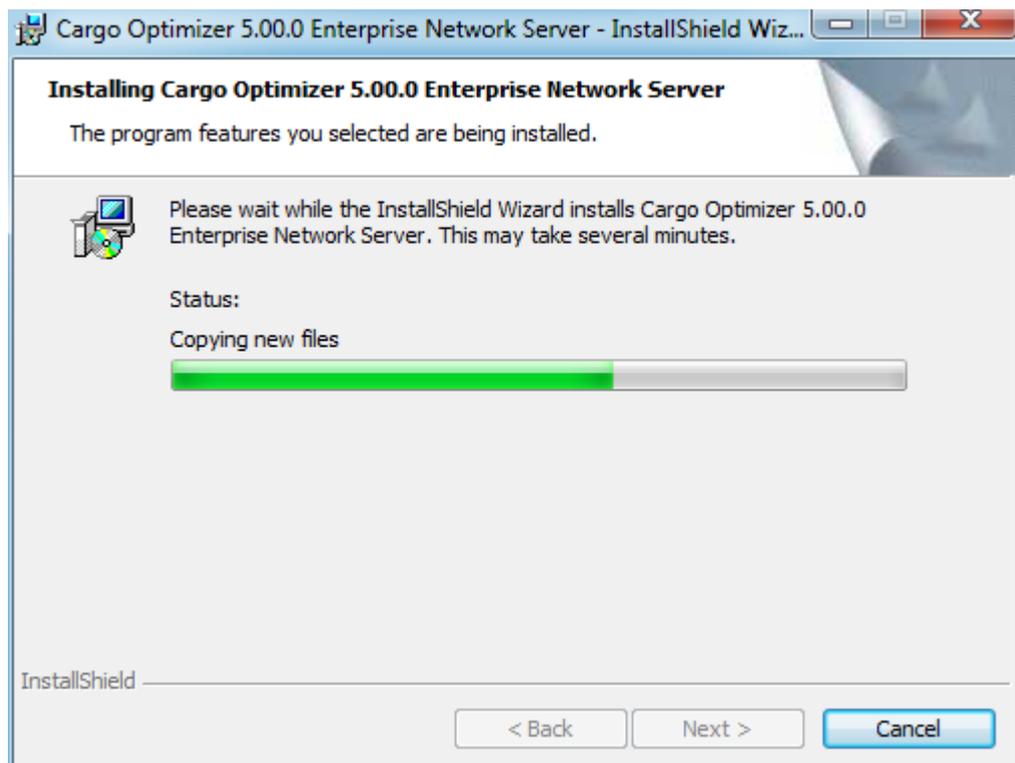
If you use Imperial Unit system (lbs./Inch), choose as below picture, click on Next > button



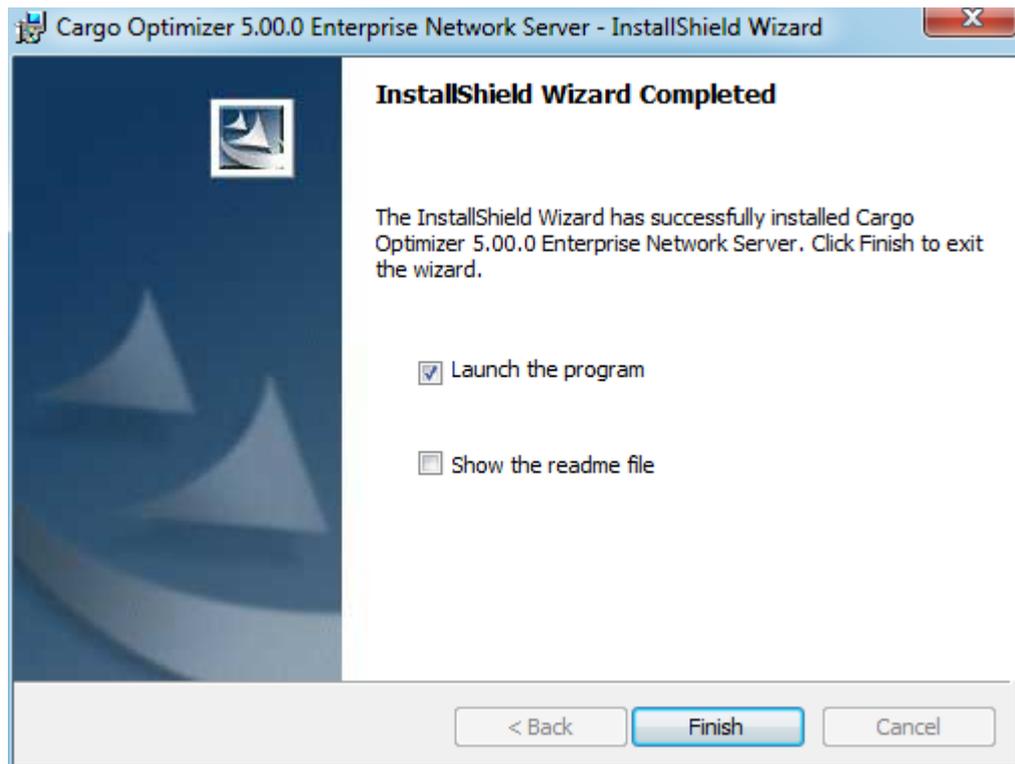
If you use Metric Unit system (kg./cm), choose as below picture, click on Next > button



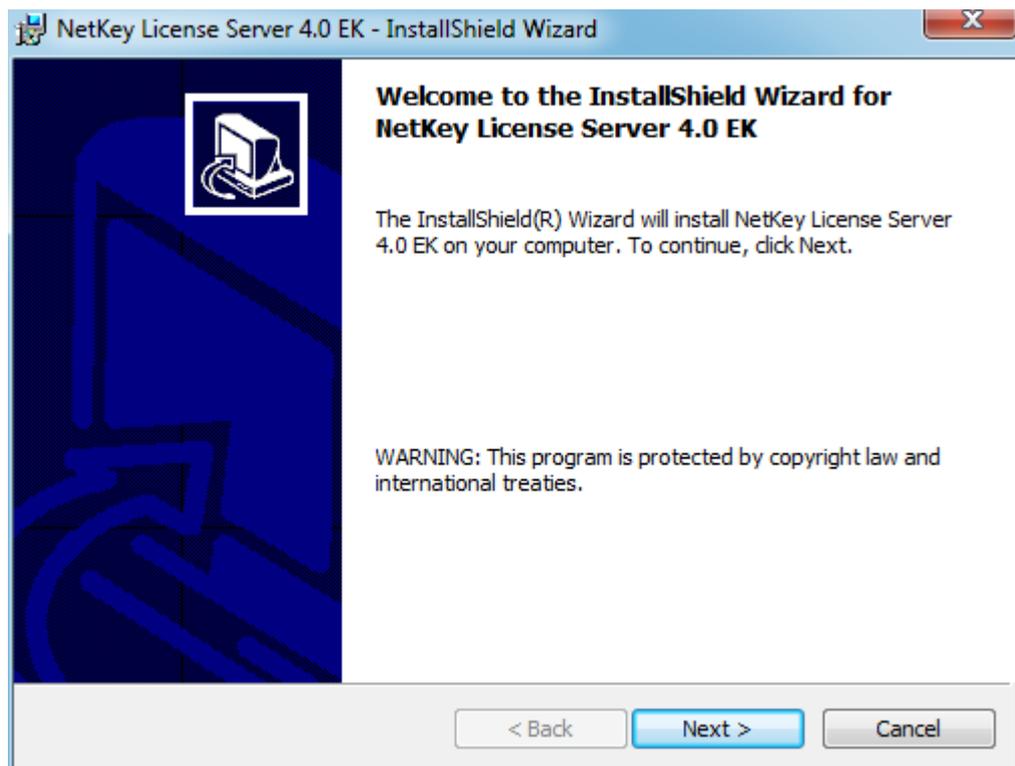
Installation process will start ...



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



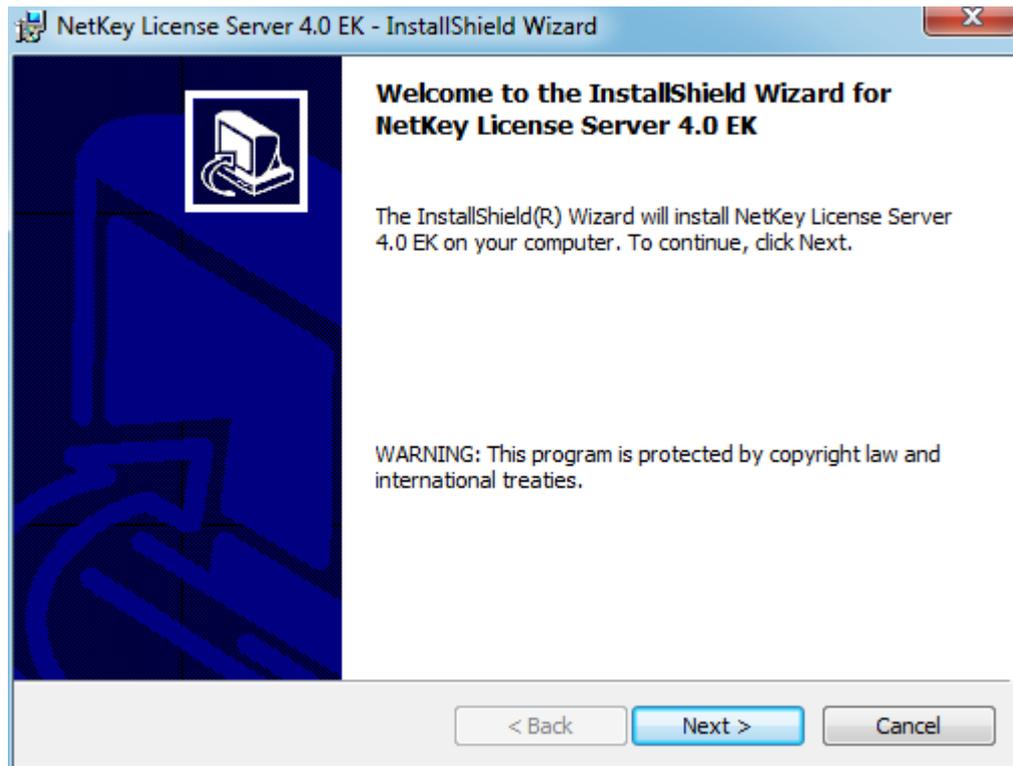
5. NetKey License Server (License management) will appear, click on Next > button



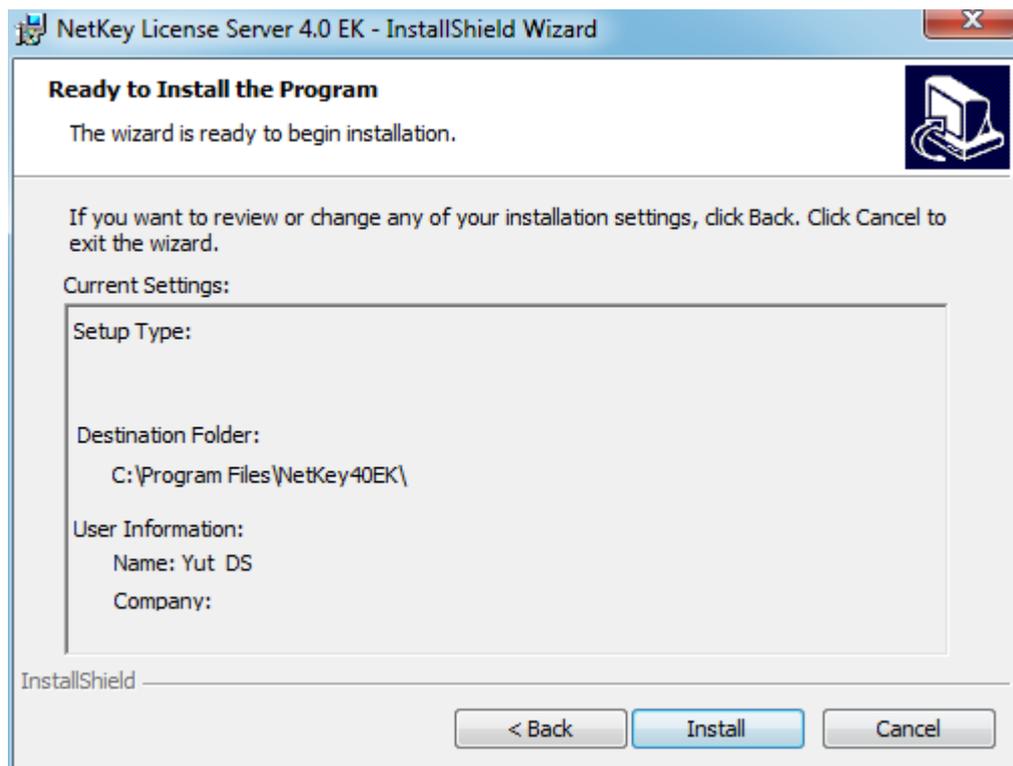
Windows 32 bits : C:\Program Files\Dreamsofts\Cargo Optimizer NET\NetkeyServer

Windows 64 bits : C:\Program Files (x86)\Dreamsofts\Cargo Optimizer NET\NetkeyServer

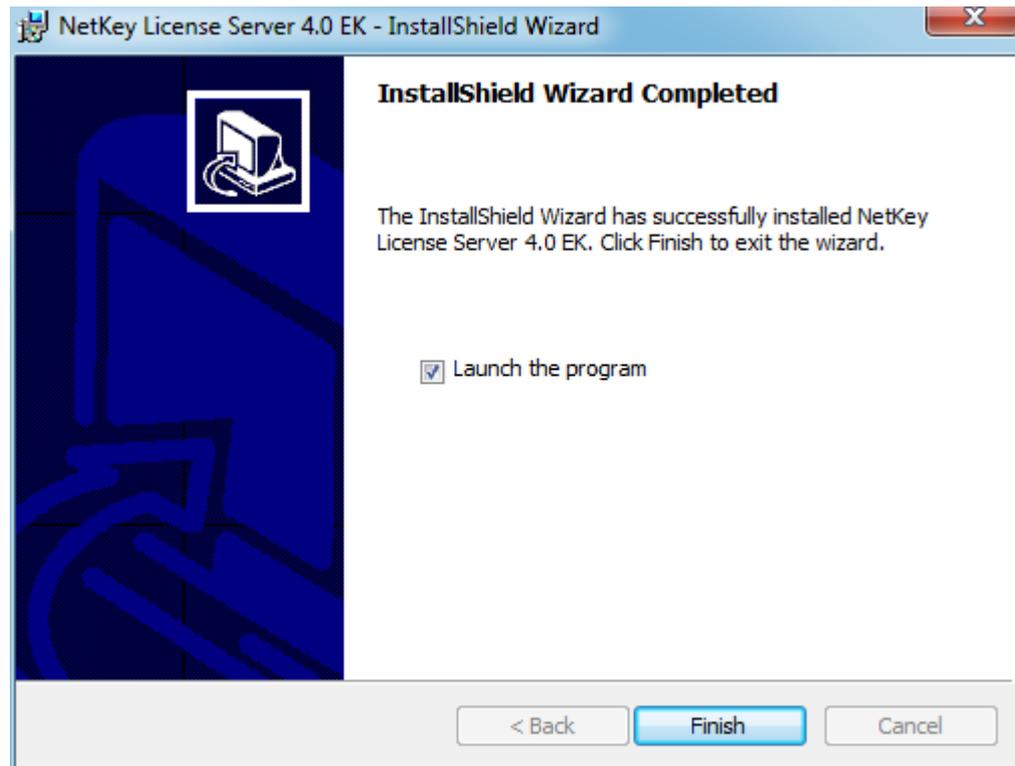
6. Welcome screen will appear, click on Next > button



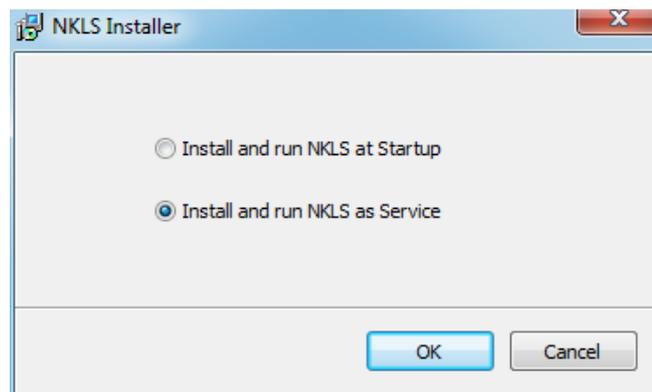
7. Ready to Install program will appear, click on Next > button



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

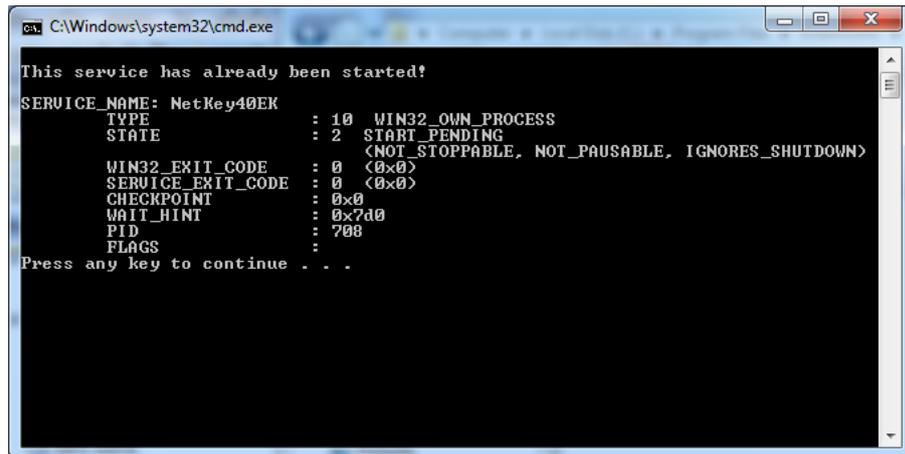


Install and run NKLS at Startup = execute service after login

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

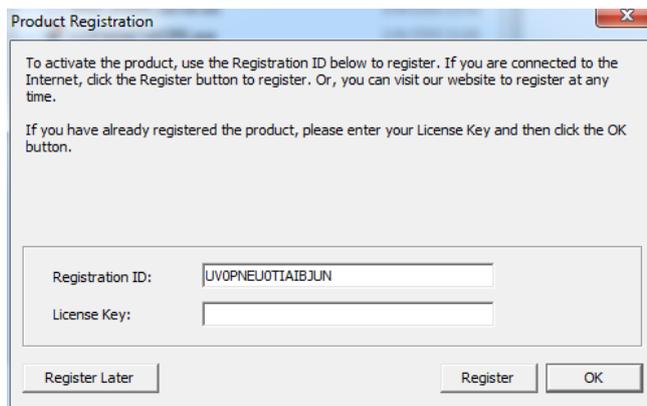
Port number 3050 for FirdbirdSQL database

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 NET\Register.exe

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



Product registration will appear, For evaluation 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.

Step 3 Installation Cargo Optimizer Network on Client Computer

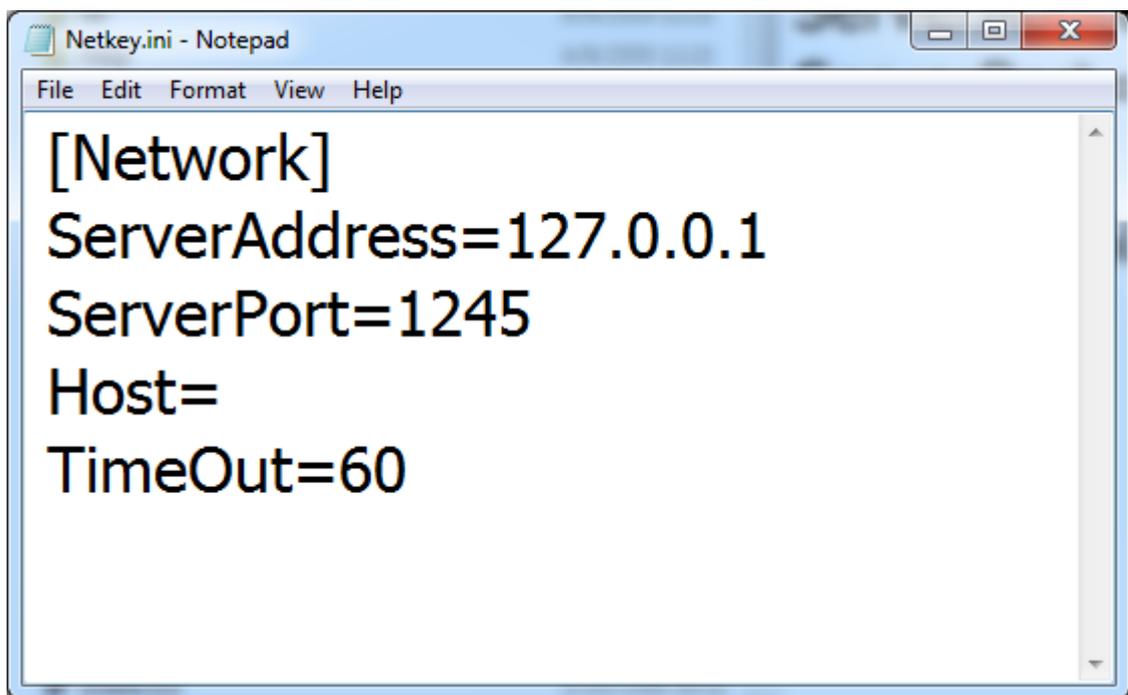
1. Double click **Setup.exe** in folder **Client** to start installation. **Welcome** screen will appear, click on **Next >** button to start installation. The rest process is same as Server process 1-8

*** 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

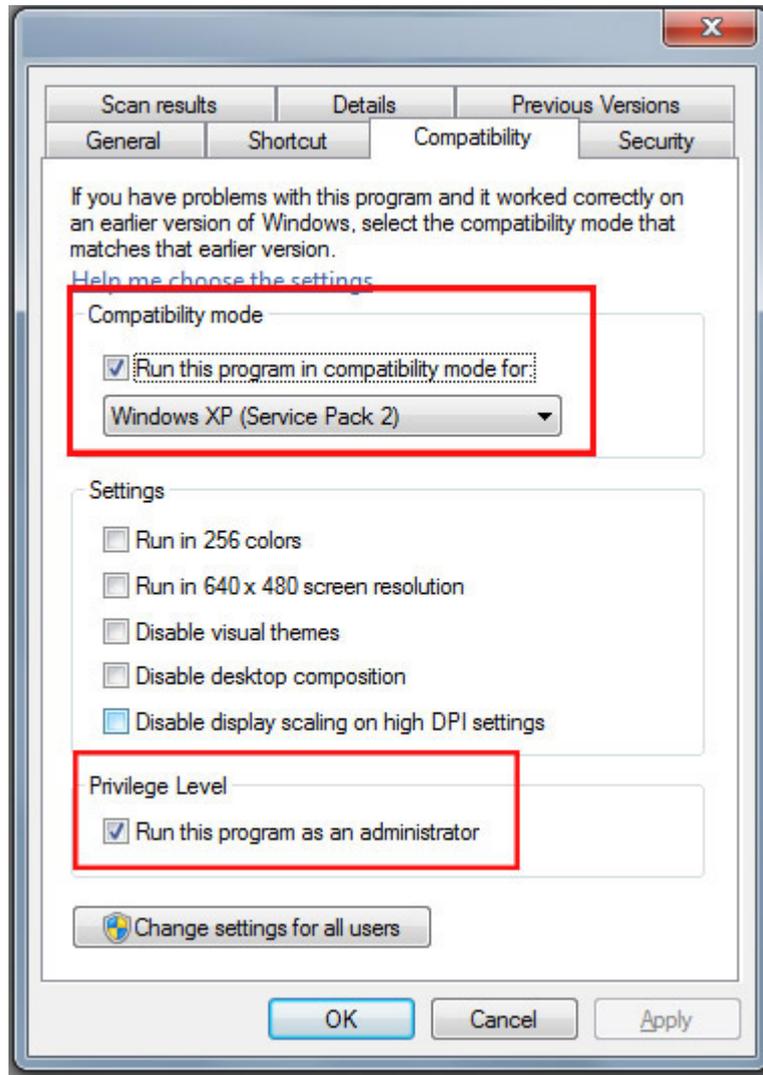


```
Netkey.ini - Notepad
File Edit Format View Help
[Network]
ServerAddress=127.0.0.1
ServerPort=1245
Host=
TimeOut=60
```

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

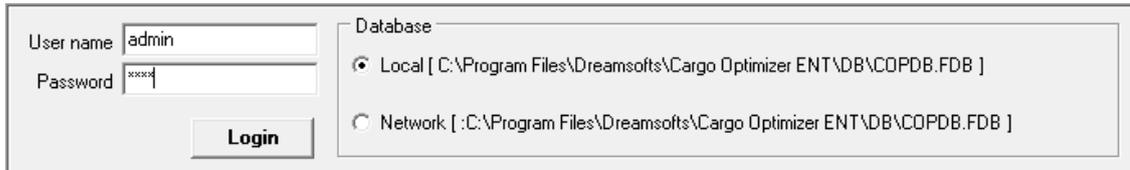
Step 4 Instruction for Windows 7/8/10/11 (Both Client & Server)

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



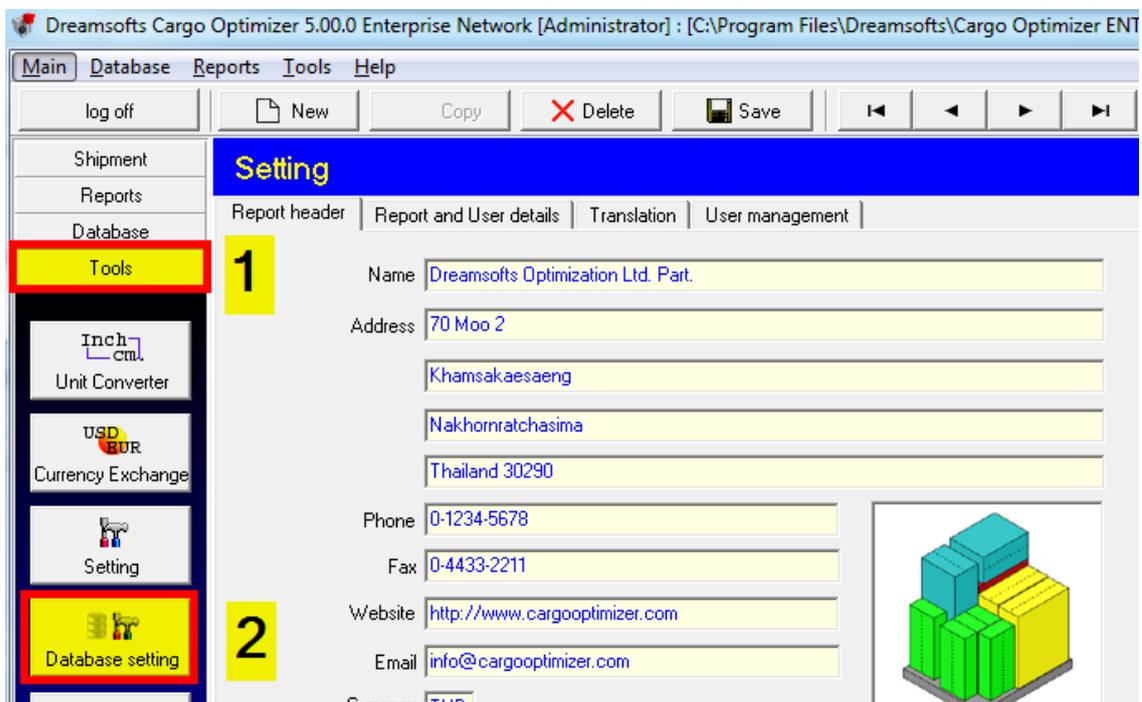
Step 5 Set database path for Cargo Optimizer Network on Client computer

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



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

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



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



4. Exit Cargo Optimizer Network and execute again
5. Enter Username and Password from Administrator of Cargo Optimizer choose database Network then click Login

User name

Password

Database

Local [C:\Program Files\Dreamsofts\Cargo Optimizer NET\DB\COPDB.FDB]

Network [192.168.1.10:C:\Program Files\Dreamsofts\Cargo Optimizer NET\DB\COPDB.FDB]

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	<input checked="" type="checkbox"/> allow	<input checked="" type="checkbox"/> allow	
Cargo Group	<input checked="" type="checkbox"/> allow	<input checked="" type="checkbox"/> allow	<input checked="" type="checkbox"/> allow
Cargo	<input checked="" type="checkbox"/> allow	<input checked="" type="checkbox"/> allow	<input checked="" type="checkbox"/> allow
Container Group	<input checked="" type="checkbox"/> allow	<input checked="" type="checkbox"/> allow	<input checked="" type="checkbox"/> allow
Container	<input checked="" type="checkbox"/> allow	<input checked="" type="checkbox"/> allow	<input checked="" type="checkbox"/> allow
Customer	<input checked="" type="checkbox"/> allow	<input checked="" type="checkbox"/> allow	<input checked="" type="checkbox"/> allow
Report header	<input checked="" type="checkbox"/> allow	<input checked="" type="checkbox"/> allow	<input checked="" type="checkbox"/> allow