

The Unscrambler® X Network Installation Guide

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Version 10.2
March 2012



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1 The Unscrambler® X – Overview



The Unscrambler® X (*a GenX suite of products*) represents the single largest redesign of CAMO Software's flagship product - The Unscrambler®. Featuring an enhanced user friendly interface, superior graphics and new state-of-the-art methods, The Unscrambler® X provides the most flexible and adaptable approach to Multivariate Data Analysis (MVA) and Design of Experiments (DoE) available. The Unscrambler® X reaches out to a wider audience of data analysts, and process control applications, while still maintaining its strengths for spectroscopic & sensory data analysis users.

2 About the Installation Guide

This manual, Installation Guide, describes the system requirements and explains the installation procedure for Multiple User and Floating version of The Unscrambler®

3 System Requirements

3.1 The Unscrambler® License Server

Windows 2003, XP (SP1 or higher), Vista, 2008, 7 or later
Processor: Pentium 233-megahertz (MHz) or higher
RAM: 1 GB minimum; higher is recommended
Hard disk space: 50 MB
Internet Explorer 7.0 or higher

3.2 The Unscrambler® Client

Windows 2003, XP (SP2 or higher), Vista, 2008, 7 or later
Processor: Pentium 233-megahertz (MHz) or higher
RAM: 2 GB minimum; higher is recommended
Hard disk space: 1 GB
.NET framework version 3.5
Internet Explorer 7.0 or higher

Note: When CPU usage is above 80%, quality of service cannot be guaranteed.

4 Installation of The Unscrambler®

4.1 Installing License Server

If you have received The Unscrambler® License Server installer, double-click on file UnscrambLicServer.exe to start the installation (Figure 1).

1. An Setup Wizard dialog opens



Figure 1 - The Setup wizard

Read the license agreement carefully and click **<Next>** if you accept the terms of the agreement (Figure 2)

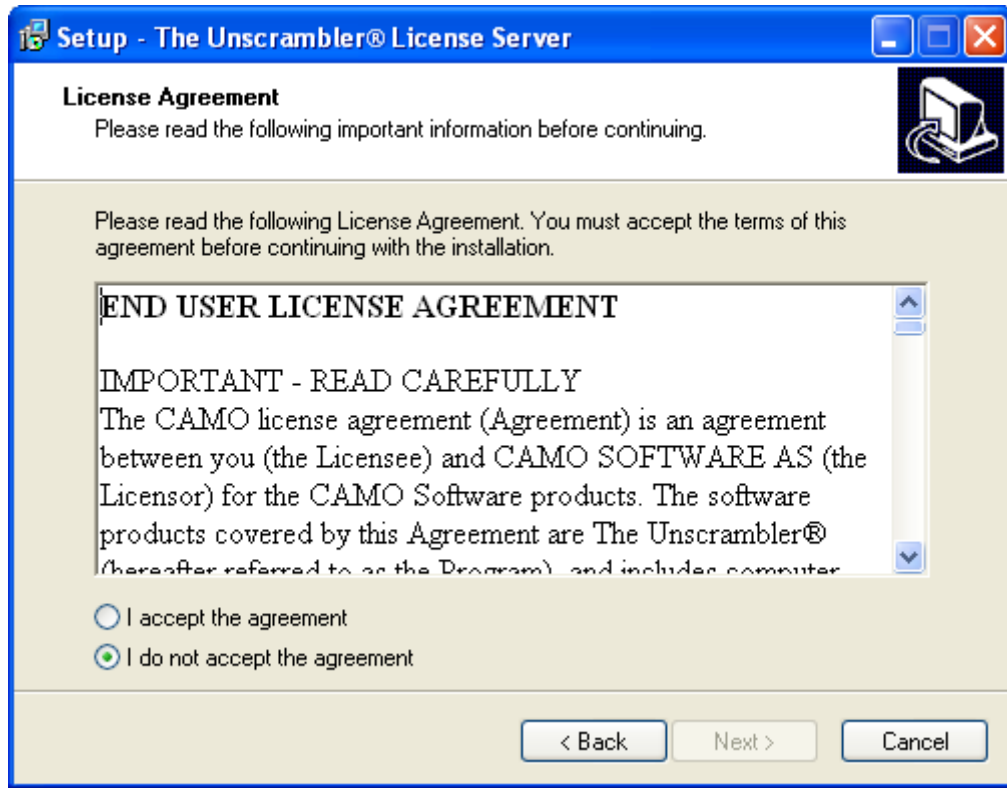


Figure 2 - The End User License Agreement (EULA)

2. Select a destination folder for The Unscrambler® License Server (Figure 3).

If you want the installation of the program in a folder other than the default (C:\Program Files\UnscrambLicServer) folder, the click on the **<Browse>** button to set the location for the program to install (Figure 4)

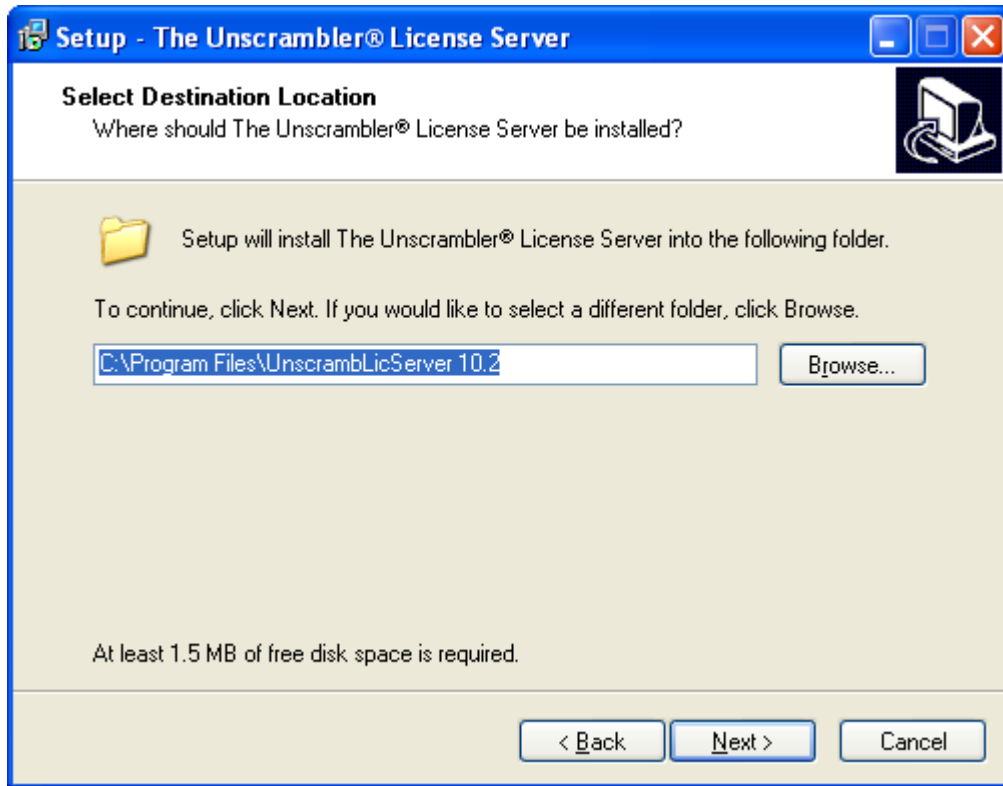


Figure 3 - The default location where the program will be installed

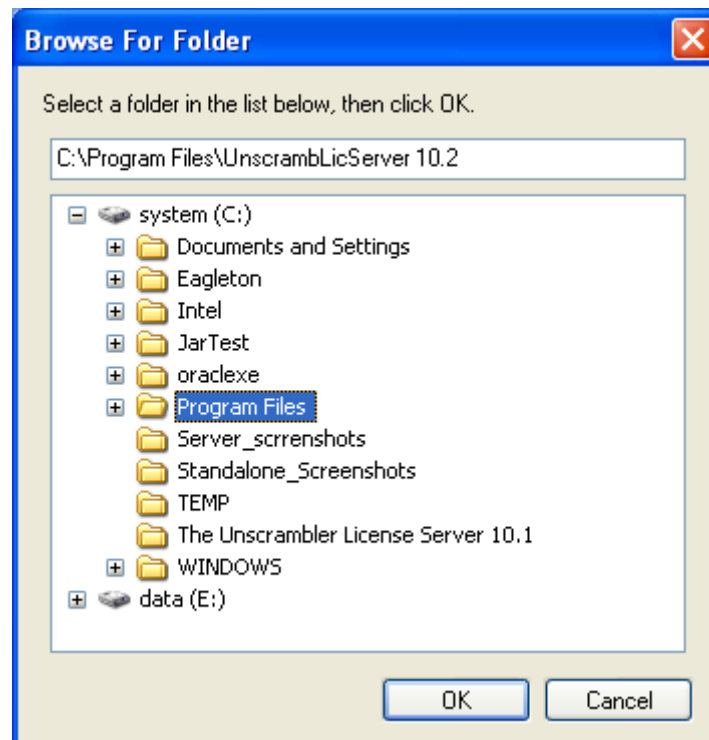


Figure 4 - Selecting a location for installing The Unscrambler®

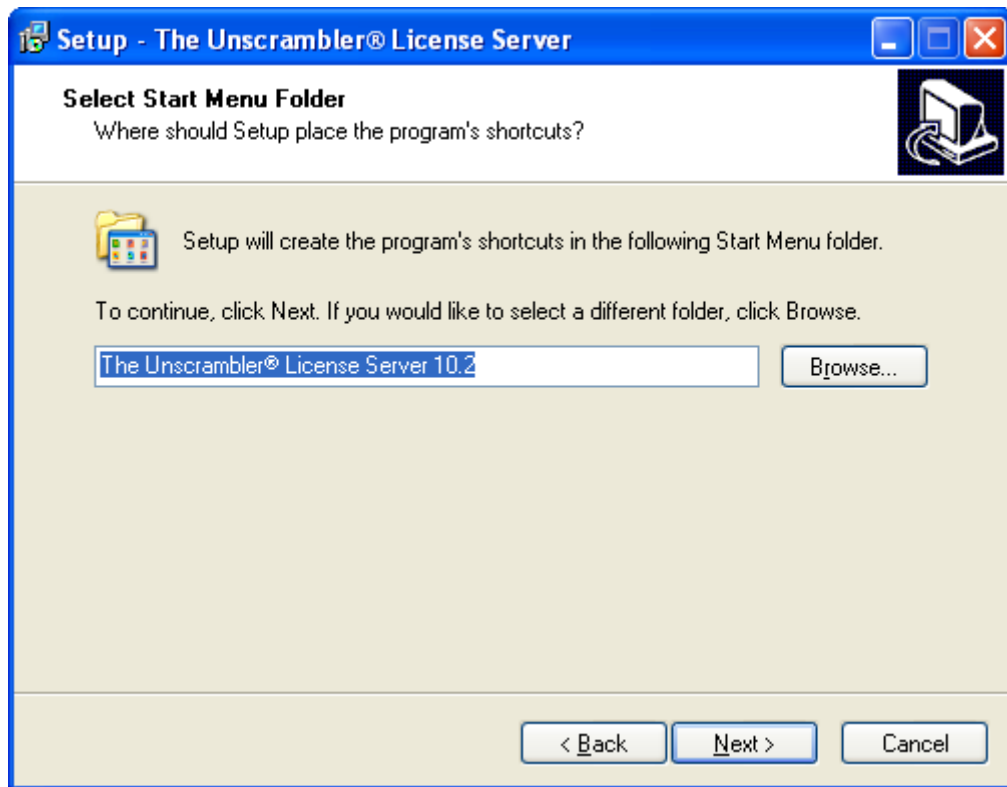


Figure 5 - Selecting a location for installing The Unscrambler®

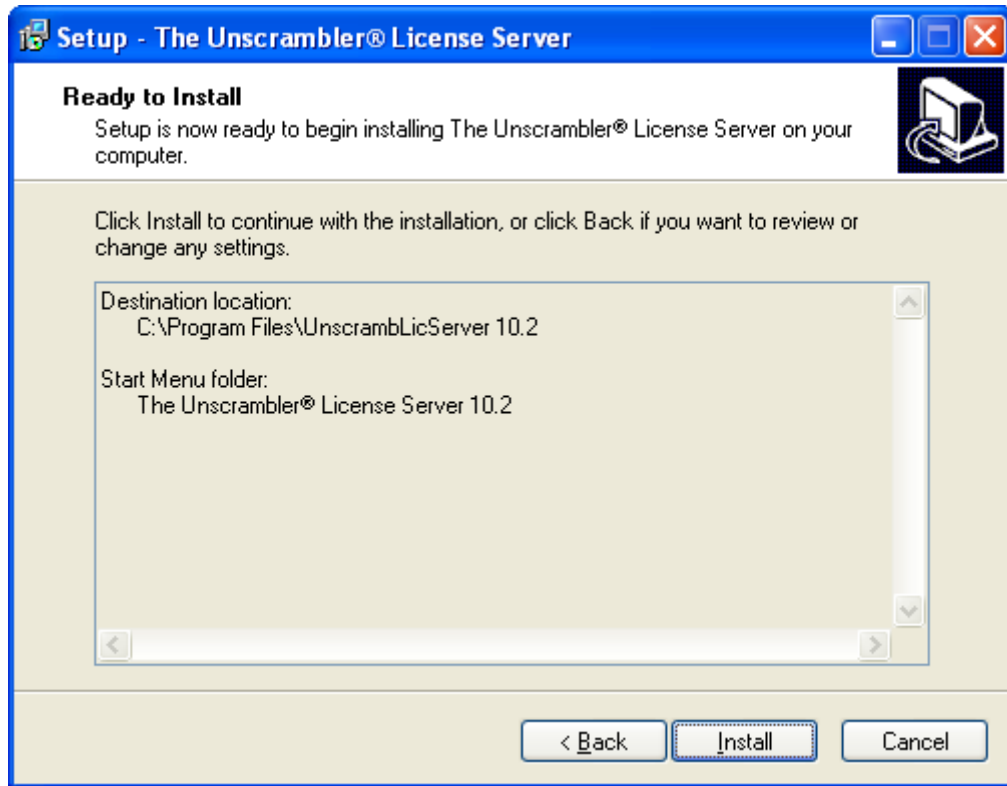


Figure 6 - Selecting a location for installing The Unscrambler®

3. The program installs (**Figure 7**)

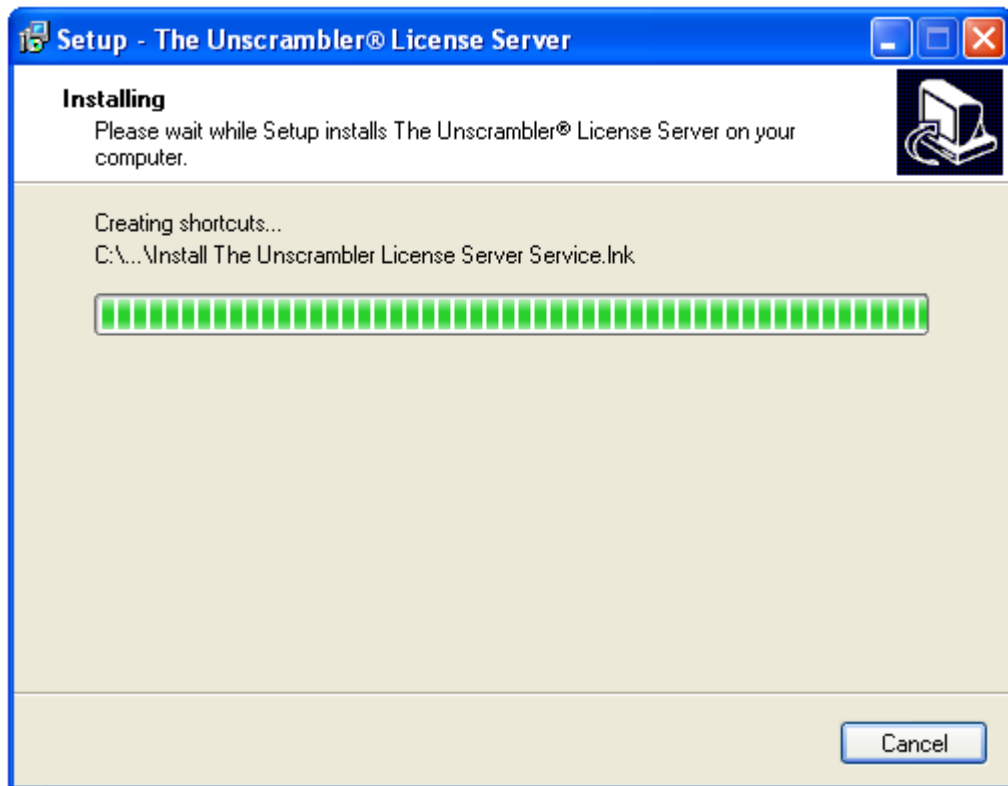


Figure 7- Installation progress indication

4. When the setup is complete, click <Finish> (*Figure 8*)



Figure 8 - Completion of Installation

4.2 Obtaining Activation Key

Start The Unscrambler® License Server from menu **Start-Programs- The Unscrambler® License Server** (*Figure 9*)

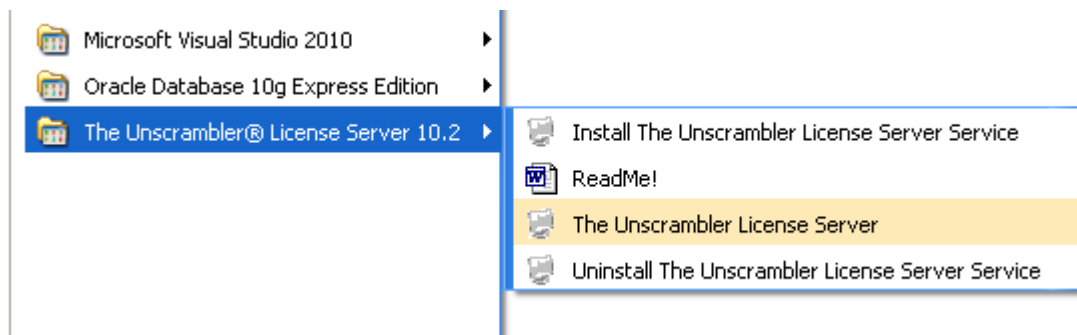


Figure 9 - The Unscrambler® listed in the Windows Start menu

1. The Unscrambler® **License Server Activation** dialog opens (*Figure 10*).

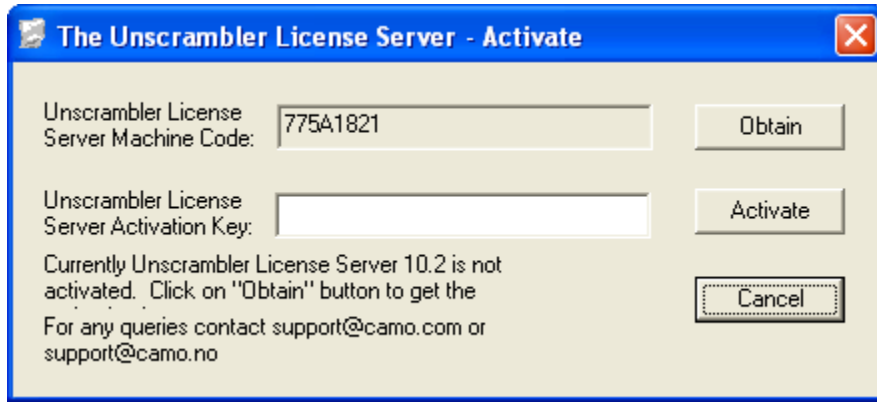


Figure 10 - The Unscrambler® activation dialog

If you have internet access...

Contact CAMO and provide us with your The Unscrambler License Server machine code (8 digit) shown in the dialog box. After CAMO staff has registered your license in the licensing database, Click the **<Obtain>** button to request your **License Server activation key** online. You will be directed to the **"Product Activation"** page on CAMO's website. When you submit your request, your activation key will be automatically sent to your e-mail ID.

Caution: Make sure to input your registered licensee e-mail ID in the form to access an activation key.

If you do not have internet access...

Contact CAMO and provide your **License Server machine code** that is displayed on screen. Your CAMO consultant will provide you with an activation key in accordance with your license (**Figure 11**).

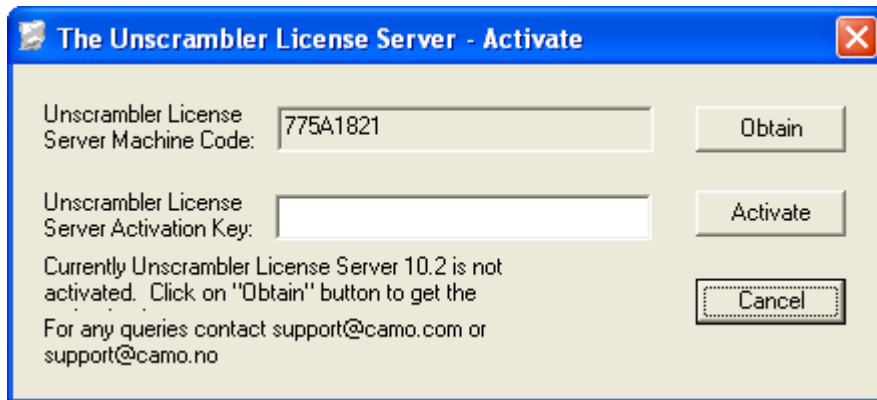


Figure 11 - The Unscrambler® activation dialog

4.3 Activating the License Server

Input your License Server activation key into the relevant field of **The Unscrambler® License Server Activation** dialog, then click the **<Activate>** button (Figure 12).

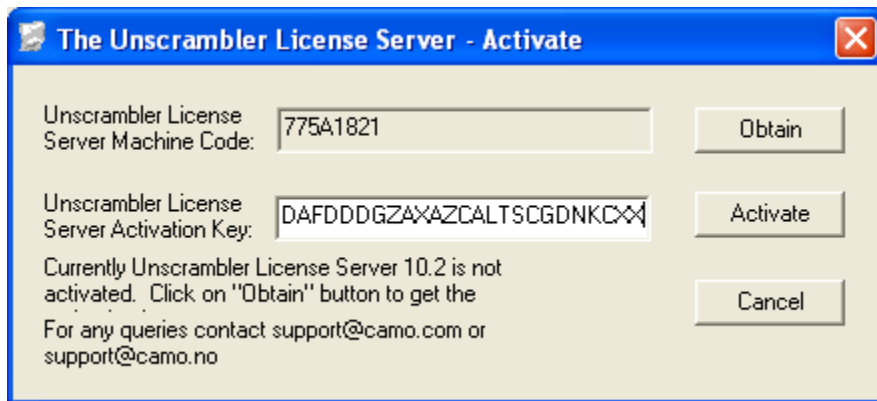


Figure 12 - Entering of the activation key. Note the status of the Activate button

1. A message confirms that the activation was successful (Figure 13).

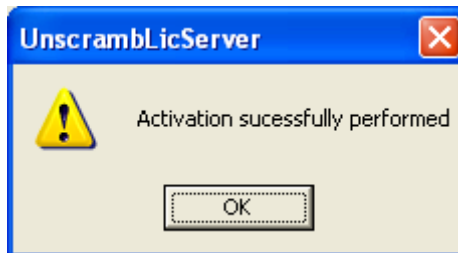


Figure 13- Activation Message

2. Start The Unscrambler® License Server from menu **Start-Programs-The Unscrambler® License Server**. The **Users Status Dialog** will appear (Figure 14).

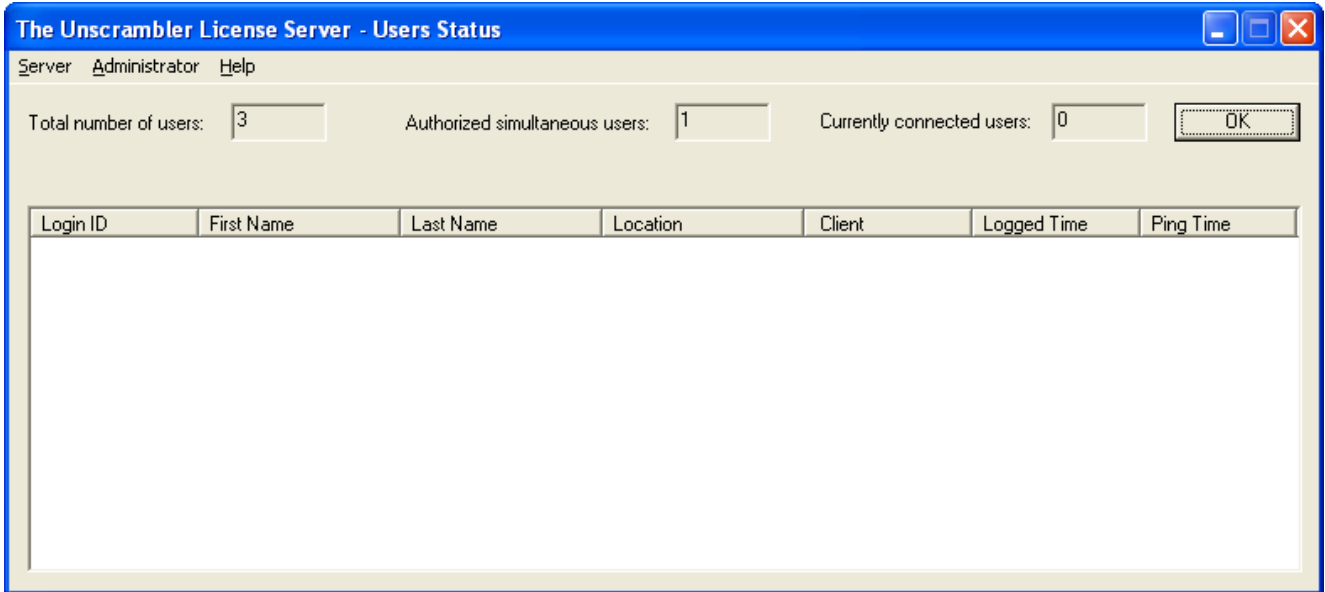
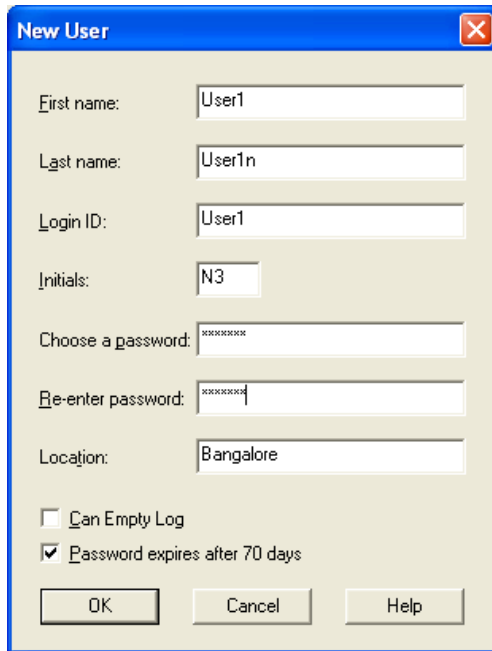


Figure 14 - The Users status dialog box.

The dialog box indicates the total number of users and the number of simultaneous users authorized by your network license.

4.4 Defining User Names and Passwords

Use menu **Administrator – Users** in the **Users Status** dialog to access the dialog box for usernames and password definition. Passwords must be between 6 and 15 characters in length and must be a combination of numbers and letters (Figure 15).



Caution:

“Can Empty log” is now an obsolete feature. For higher security such as those required by the US FDA’s guidelines for secure electronic recordings, select option “Password expires after 70 days”: a new password will be required every 70 days. A new password will be updated from the Client side.

Figure 15- New user dialog box

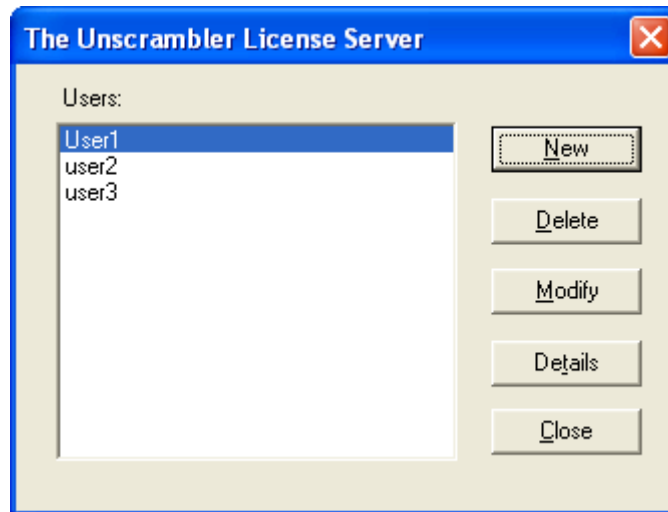


Figure 16 - Users List in Server

4.5 Configuration Settings

Use menu **Administrator – Options** in the **Users Status Dialog** to open the **Configuration Settings** dialog, where you may configure the system log file.

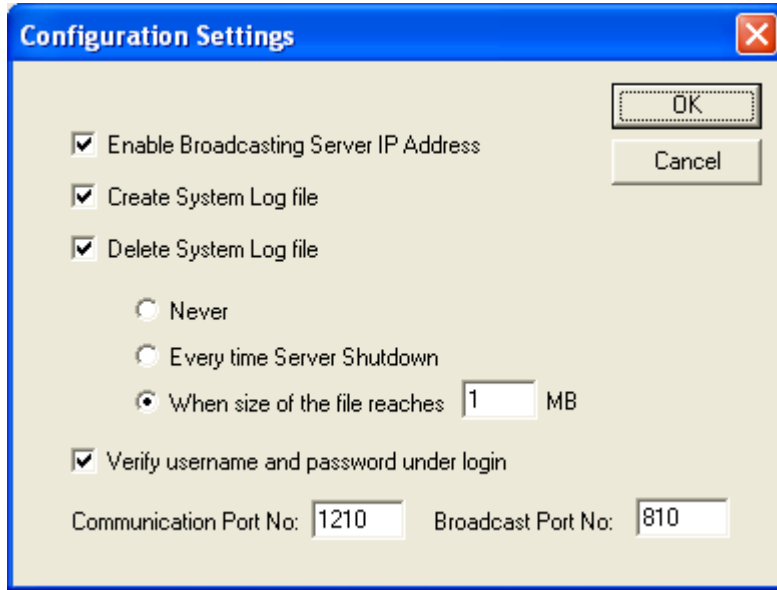


Figure 17 - Configuration Settings

If The Unscrambler® License Server application runs on WAN or LAN and do not have the possibility to broadcast the server's IP address:

1. Uncheck the option **Enable Broadcasting Server IP Address**,
2. Specify the server's IP address using Network Setup dialog (**Figure 17**).

Caution: For higher security such as required by the US FDA's guidelines for secure electronic recordings, select option "Verify username and password under login" in the Configuration Settings dialog

4.6 Installing The Unscrambler® License Server as Service

By default The Unscrambler license server v10.2 will be installed as a stand-alone application. For installing/uninstalling as a windows service, follow the additional options available from the start menu.

1. Click on start menu

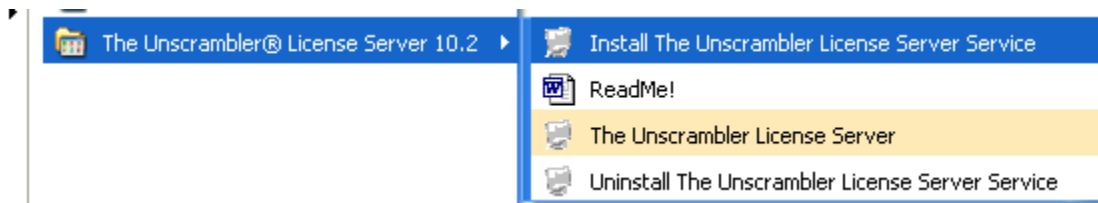


Figure 18 - Start Menu Options

2. Successful message



Figure 19 - Message for Successful Service Creation

After successful installation of service, user needs to configure the windows service to run the license server successfully even after log off. Please do the following changes,

1. Go to Start-> Run, Type "services.msc"
2. Look for "The Unscrambler License Server" and double click it.
3. Go to Log On page, Uncheck "Allow service to interact with desktop" and click Ok.

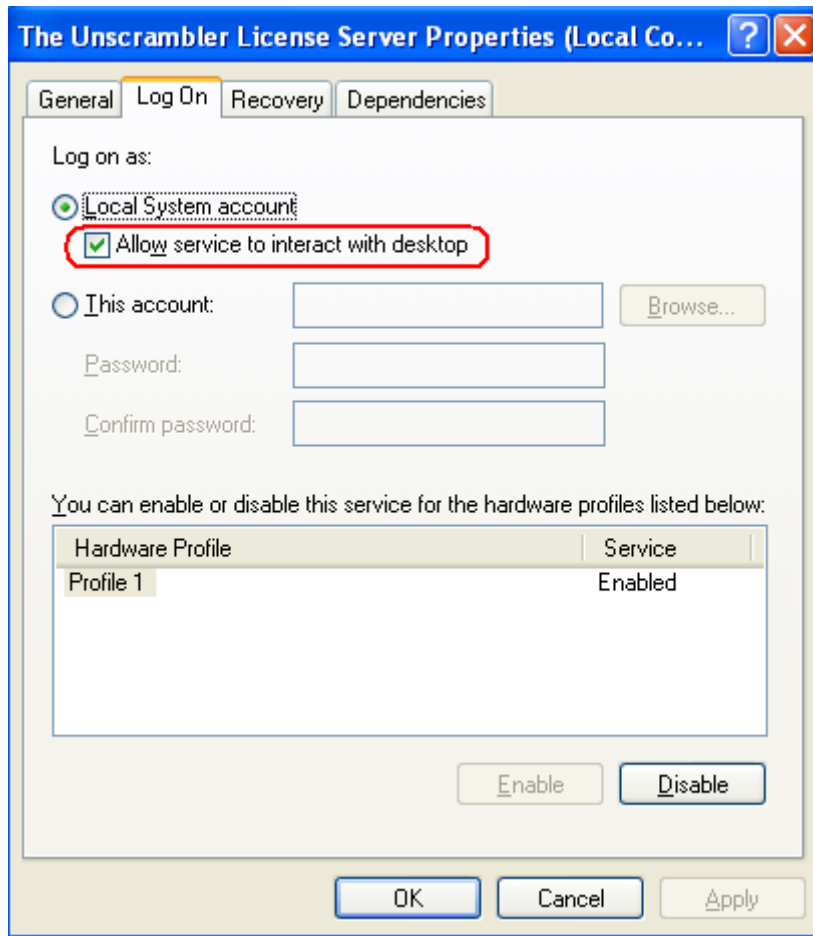


Figure 20 - Dialog box

Restart the computer.

If Unscrambler License Server is running as Windows Service, user cannot interact with license server, however The Unscrambler License Server will be running in background and would allow access to Unscrambler Clients.

For interacting with The Unscrambler license server (like adding or modifying users), Stop the “The Unscrambler License Server” service manually from services table as shown below.

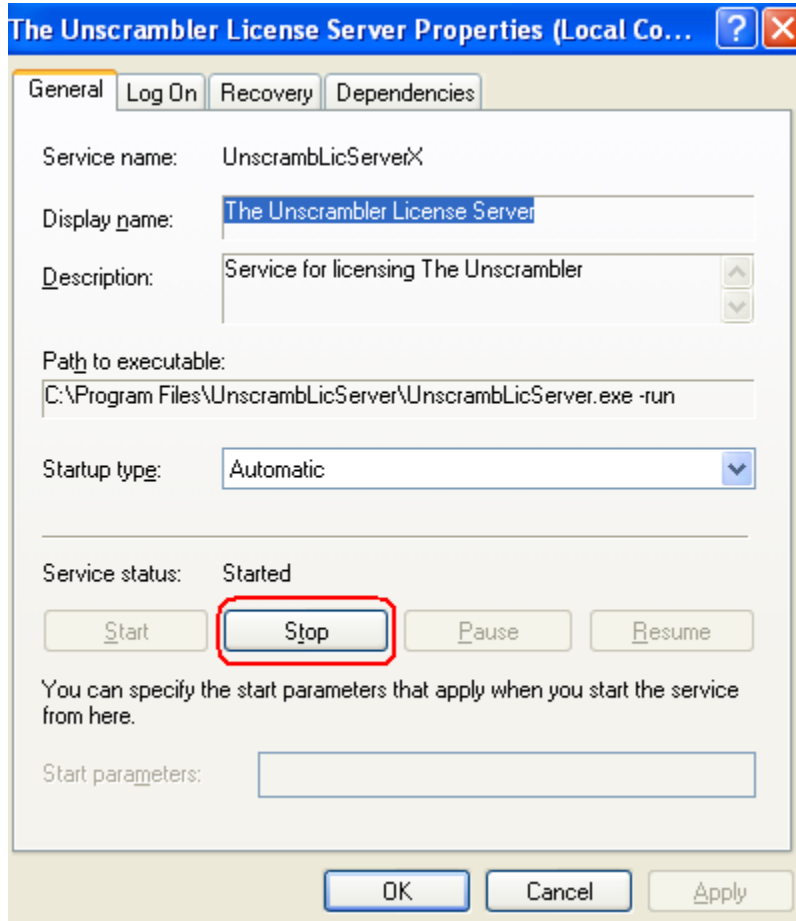


Figure 21 - Stopping the Service

Start the Unscrambler License Server from programs menu and do the required changes for user management.

After changes, again close the license server and start the service from service table.

4.7 Installing The Unscrambler® Client

1. Unzip the installable file (**UnscramblerClient.zip**) to new folder (Figure 22)

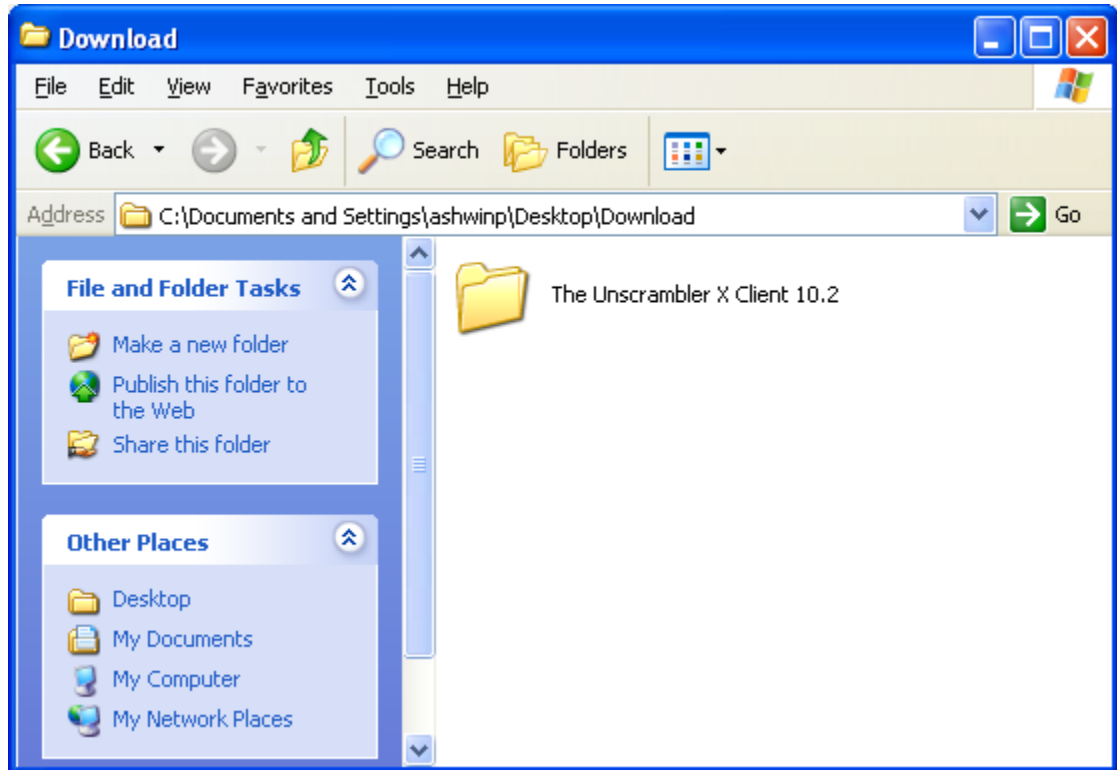


Figure 22 - Unzip installable file

2. Double-click **TheUnscramblerX_Setup.exe** file found in folder. The Unscrambler® X 10.1 (Client) to start the installation. The Installation Wizard for The Unscrambler® is launched (Figure 23)

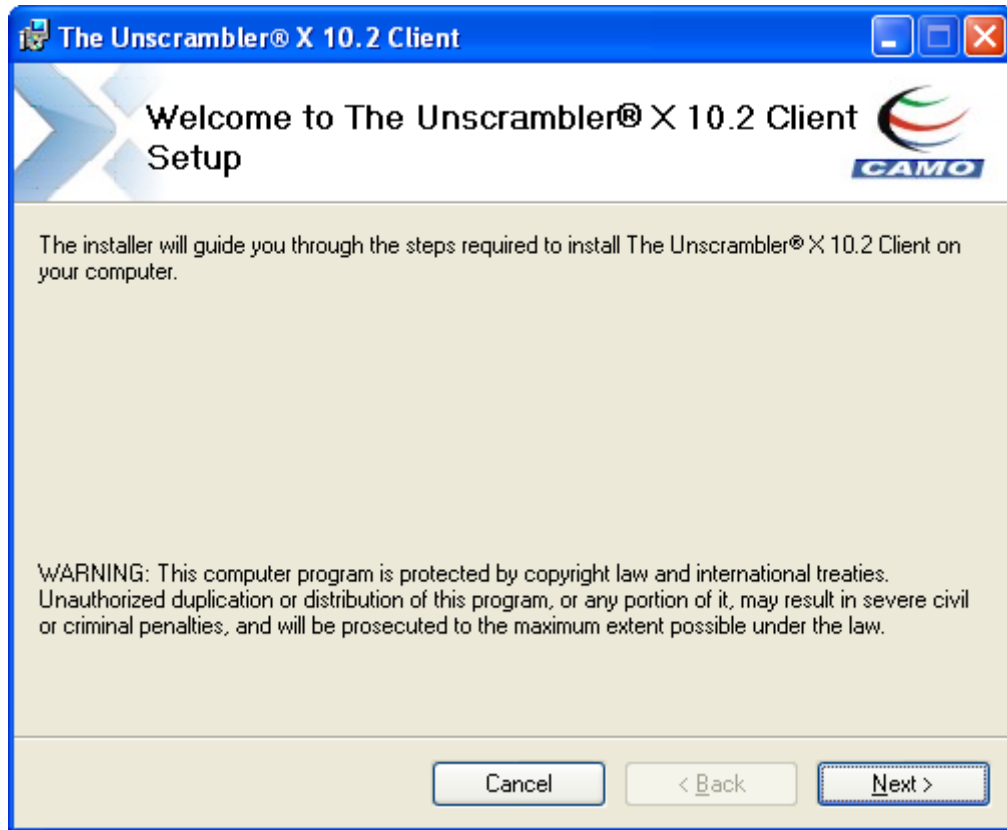
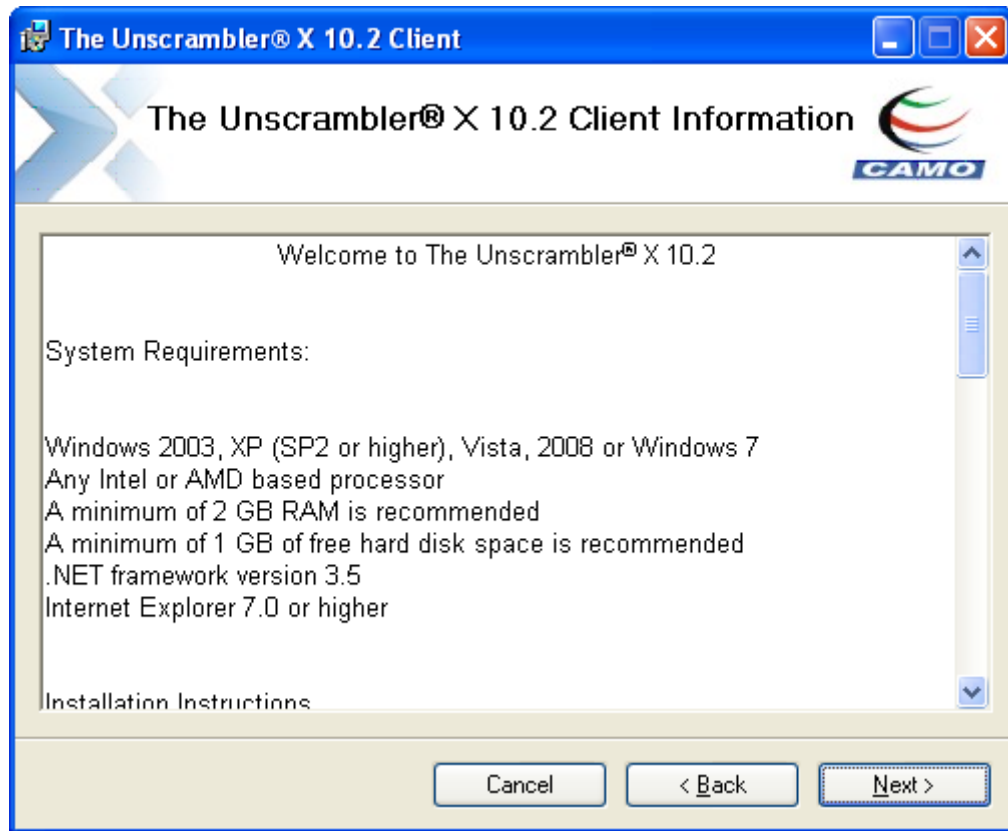


Figure 23 - Installation Wizard

3. The system requirement dialog opens, click next (Figure 24)



Note:
Windows 2000 is currently not supported for this installation

Figure 24 - System Requirements

4. Read the license agreement carefully, chose "I Agree" and click **<Next>** to accept the terms of the agreement (Figure 25)

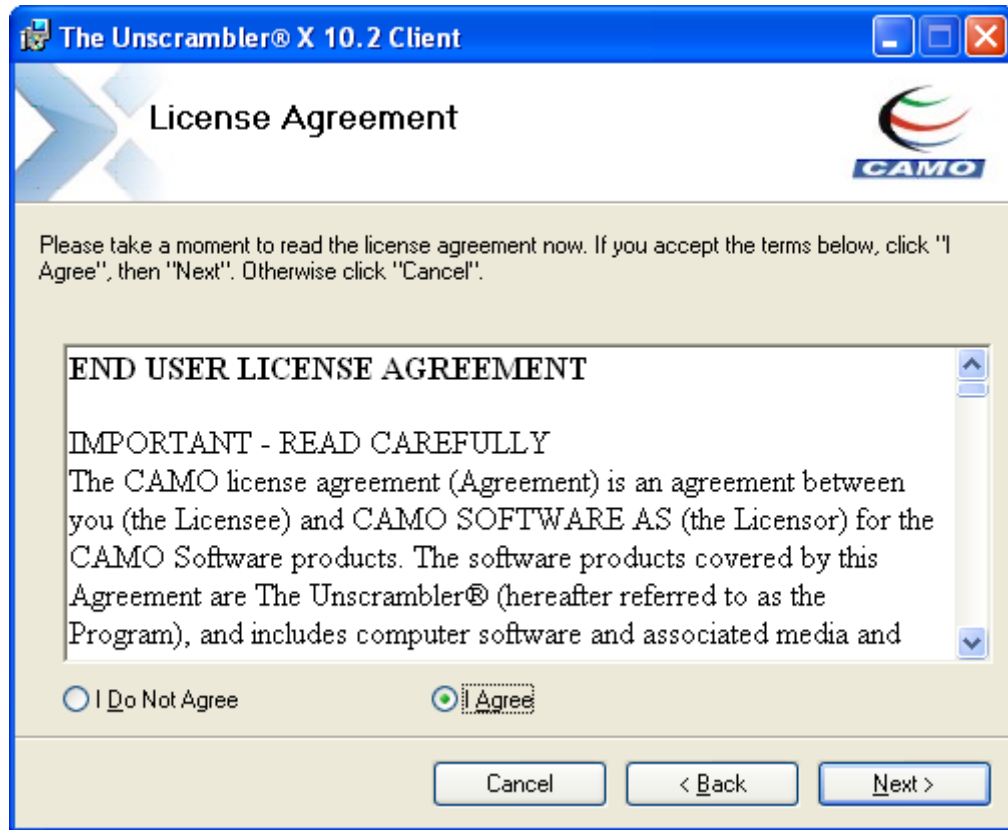


Figure 25 - The End User License Agreement (EULA)

5. Enter your name and company information (Figure 26)

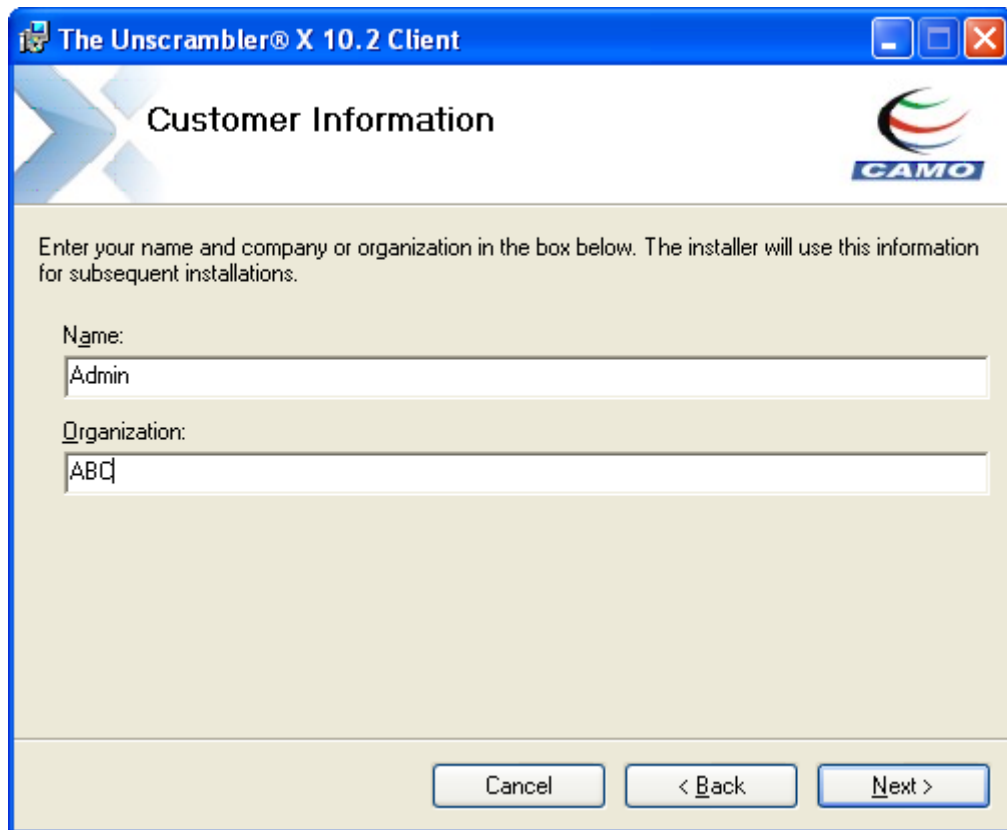


Figure 26 - Customer information

6. Select a destination folder for The Unscrambler® Program files (Figure 27)

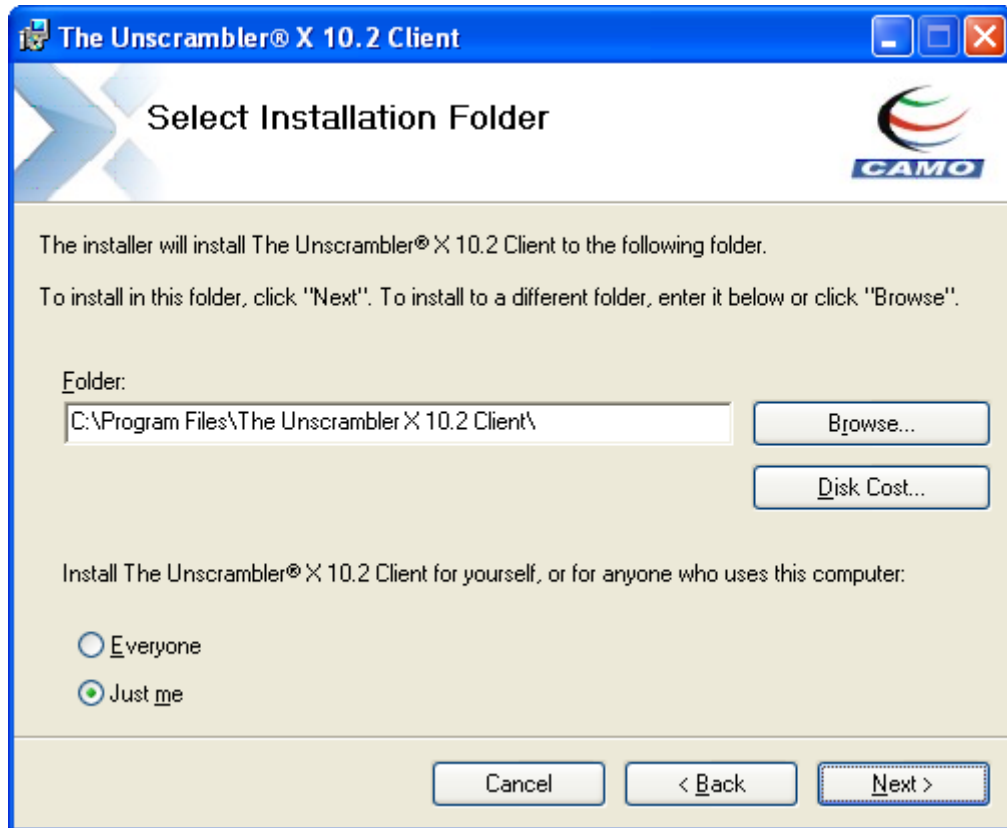


Figure 27 - The default location where the program will be installed

7. Installing The Unscrambler® (**Figure 28**)

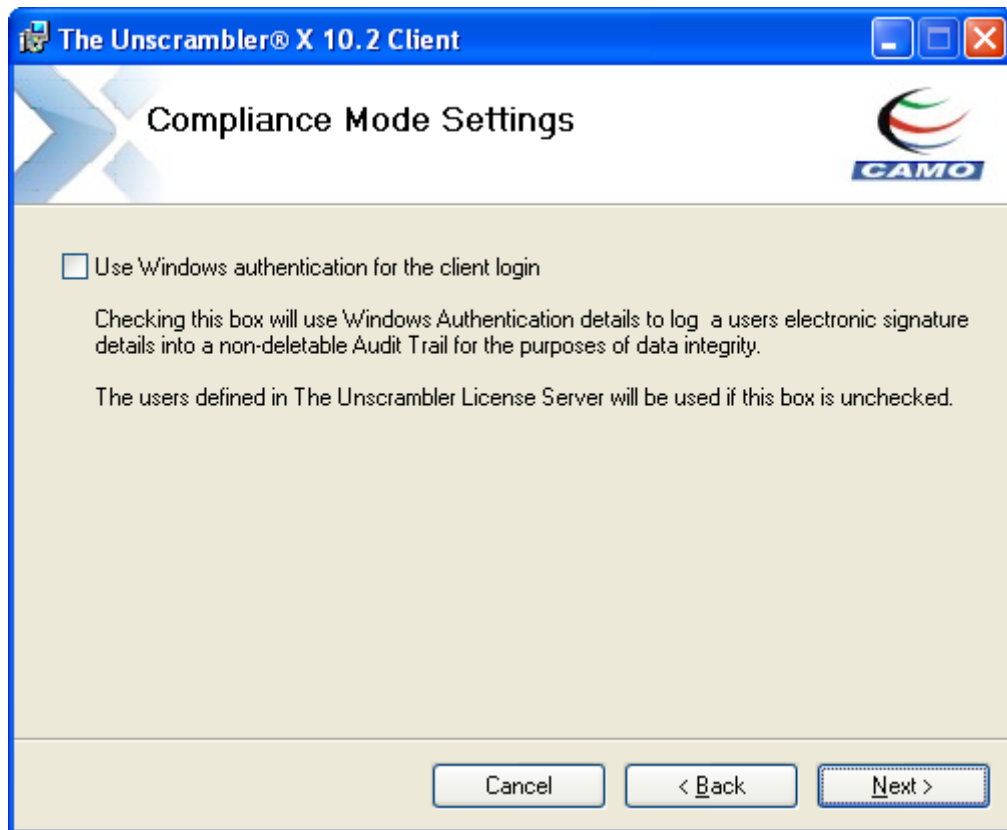


Figure 28 - Compliance Mode Settings

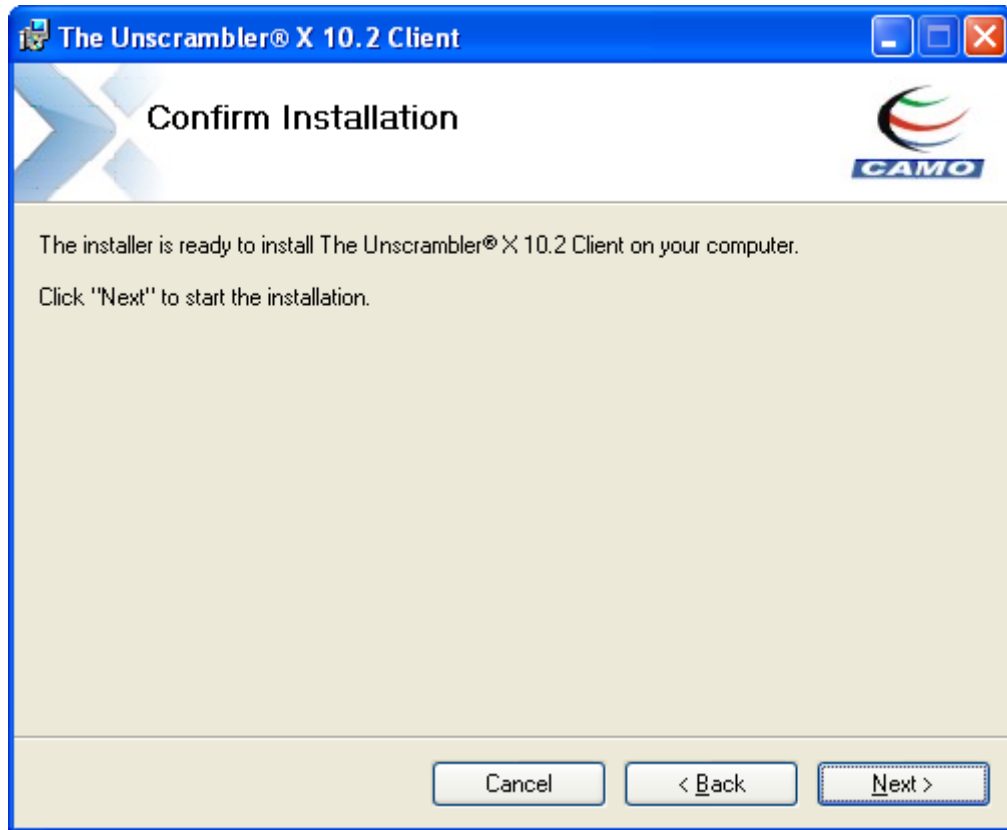


Figure 29 - Confirmation of installation

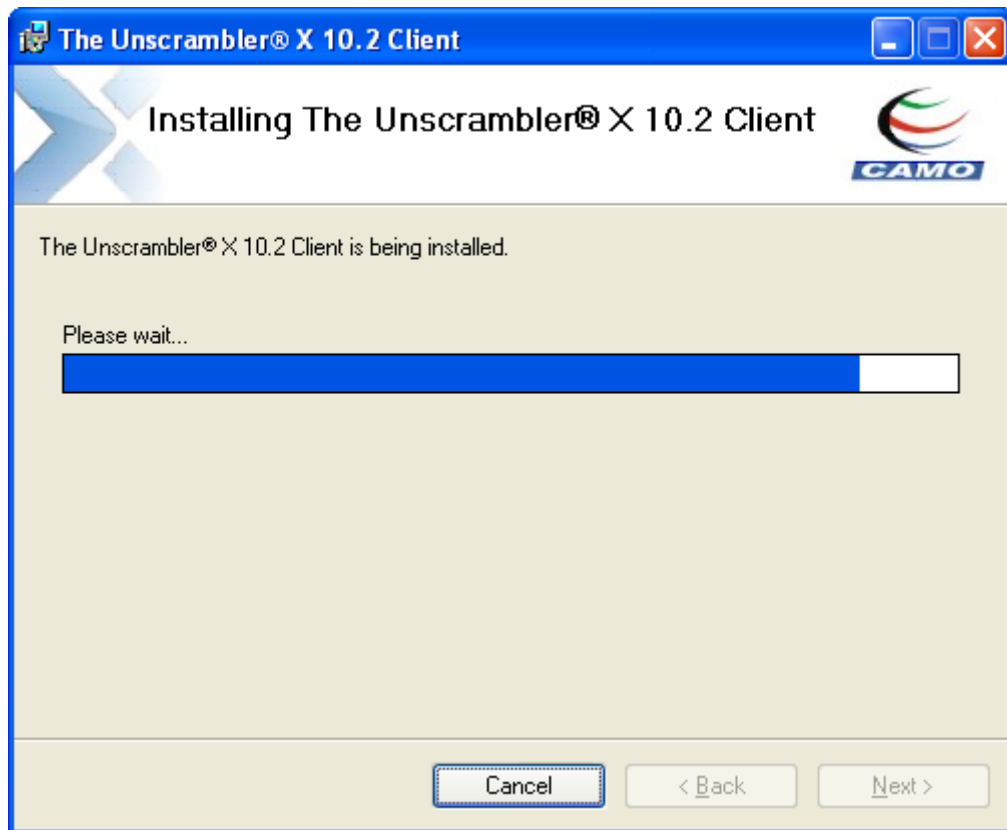


Figure 30 - Installation

8. When the setup is complete, click **<Close>** (**Figure 31**)

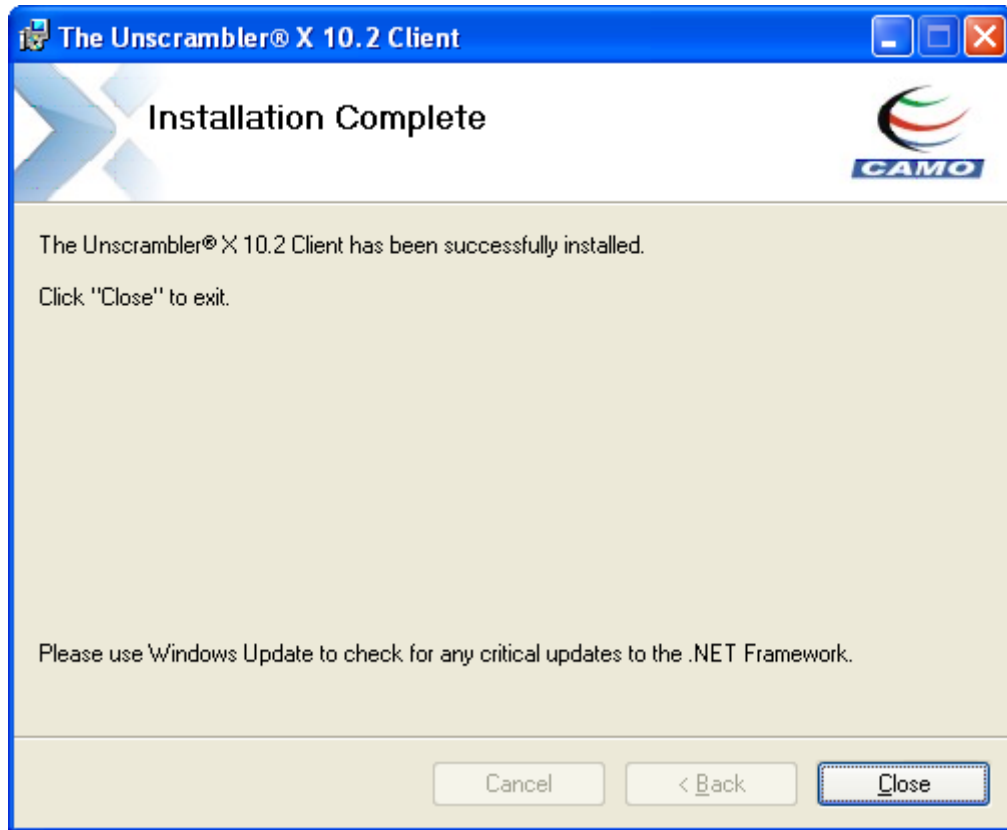


Figure 31 - Installation

9. Start The Unscrambler® Client from the **Start** menu. A login dialog will appear. Type in your user name and password to start the application. (**Figure 32**)

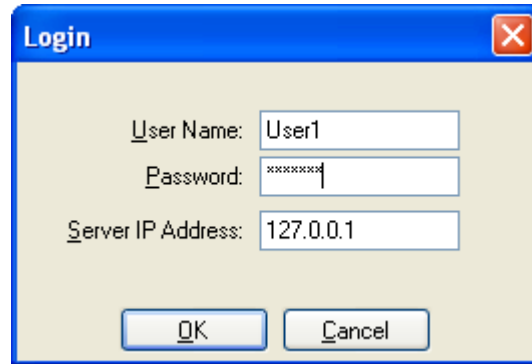


Figure 32 - Client Login

10. To view logged user information, right click on the login screen. Chose “View logged user” information (**Figure 33**)

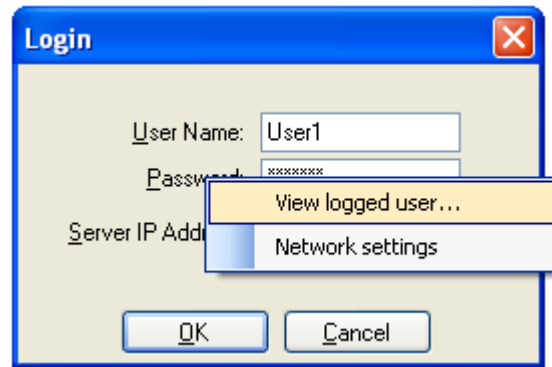


Figure 33 - Getting logged user details

While selecting “View logged user”, list of users connected to the server is displayed.

Login Id	First Name	Last Name	Location	Client	Logged Time	Ping Time
User1	User1fn	User1ln	Country	192.168.0.85	12:25:06	12:27:08

Figure 34 - Logged user details

To change the network setup, chose the “Network settings” option as shown in **Figure 35**. The user can alter

the Server IP Address, Communication Port & Broadcast port using this option. (**Figure 35**)

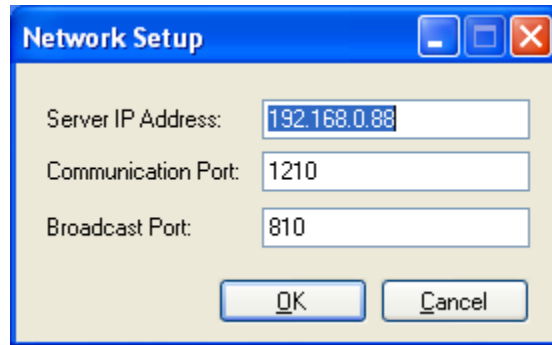


Figure 35 - Network Setup dialog

5 Troubleshooting (Applicable only for The Unscrambler® License server)

5.1 Symptom 1: Invalid Activation Key

When clicking the Activate button in **The Unscrambler® License Server Activation** dialog, the following message might appear (Figure 36):



Figure 36 - Invalid Activation key message

This message will occur if The Unscrambler® License Server activation key you have input is not valid for your machine. Provide CAMO with your machine code to receive the appropriate activation key for your machine.

5.2 Symptom 2: Incorrect License Details in Standalone Installation

The license details information of your The Unscrambler® X Standalone installation doesn't correspond to the type of license you have purchased from CAMO. For example, the license appears to be a 30-day license instead of a permanent license.

This situation may occur if when requesting an activation key, you have not utilised your registered licensee e-mail ID, but a different e-mail ID.

Login as supervisor and click on menu **Help-Change License...** to request a new activation key, making sure to use your registered licensee e-mail ID.

If you do not remember what your registered licensee e-mail ID is, contact CAMO and your consultant will either give you the information, or update your registered licensee e-mail ID to a new one in CAMO's licensing database.

5.3 Symptom 3: The Unscrambler® Previous Version was not Upgraded to the New Version

If upon starting up The Unscrambler® the old version number is indicated instead of the new version number, it indicates that the upgrade has not been performed properly. The version number of the application is also accessible in menu **Help-About...**

Close The Unscrambler® application, uninstall your previous installation of The Unscrambler, then run the new installation again.

Uninstalling your former Unscrambler version will remove the program files only; all your Unscrambler data files and model files will be preserved.

5.4 Symptom 5: The Unscrambler® License Server is not running

If upon starting up The Unscrambler® Client this message is shown (Figure 37)



Figure 37 Message when server is not running

Contact your system administrator and for assistance to start up The Unscrambler® License Server.

5.5 Support

In case you experience difficulties in installing and activating the software license key visit <http://support.camo.com>

You may want to explore these other sources of support for The Unscrambler® X:

- [Learning Multivariate Data Analysis \(MVA\)](#)
- [Benefits to the use of MVA](#)
- [Webinars & Videos](#)
- [Web Workshops & Training Programs](#)
- [Suggested Reading](#)
- [Ask our Experts](#)