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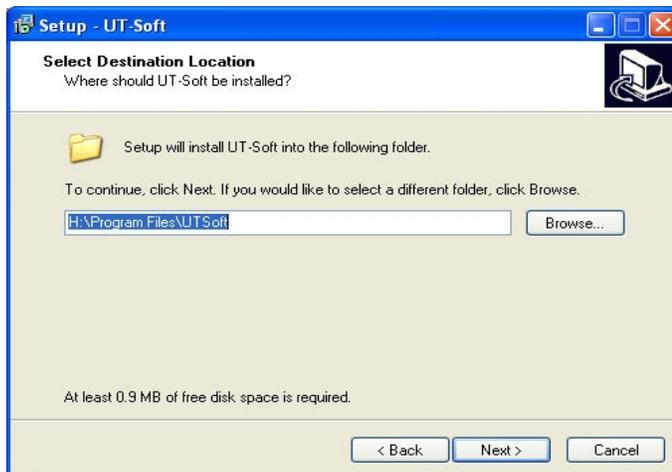
UT-Soft Quick Start Guide

Installing UT-Soft

1. Insert the CDROM and locate the installation program named **UTSoftSetup_?_?.exe** (where ?_?? is the version number).
2. Double click on the installation program to start the automated installation process.
3. The welcome screen will be displayed. Click on “**Next**”.



4. The “Select Destination Location” window will be displayed. This is the folder that will contain the UT-Soft program. Select a destination folder if the default isn't appropriate, and press “**Next**”.

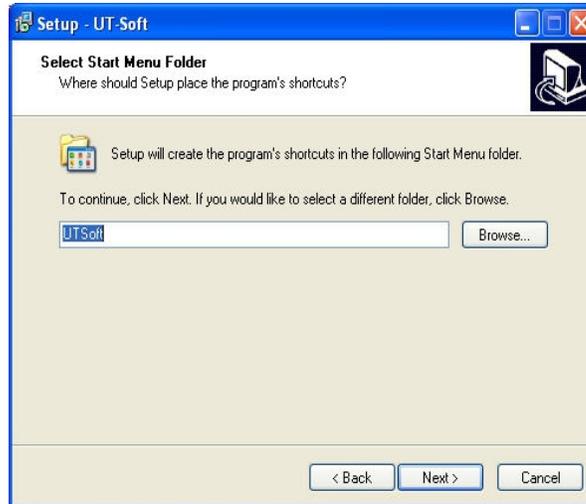




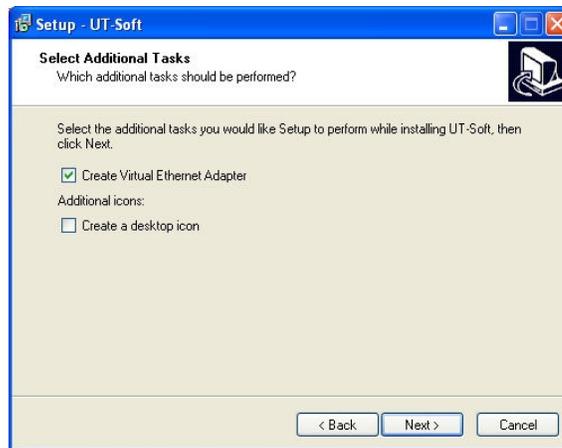
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5. The “Select Start Menu Folder” window will be displayed. This is the folder that will contain the program shortcut. Select a destination folder if the default isn't appropriate, and press “Next”.



6. The “Select Additional Tasks” window will be displayed. Be sure “Create Virtual Ethernet Adapter” is selected if this is the first time you are installing the software. If an additional desktop icon is desired, also select that check box. **If this is a re-install or update, do NOT check this box..** Then press “Next”.



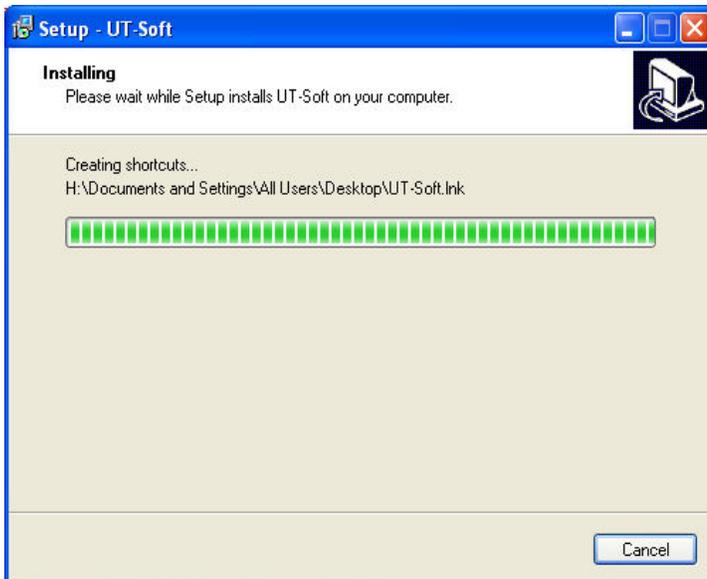
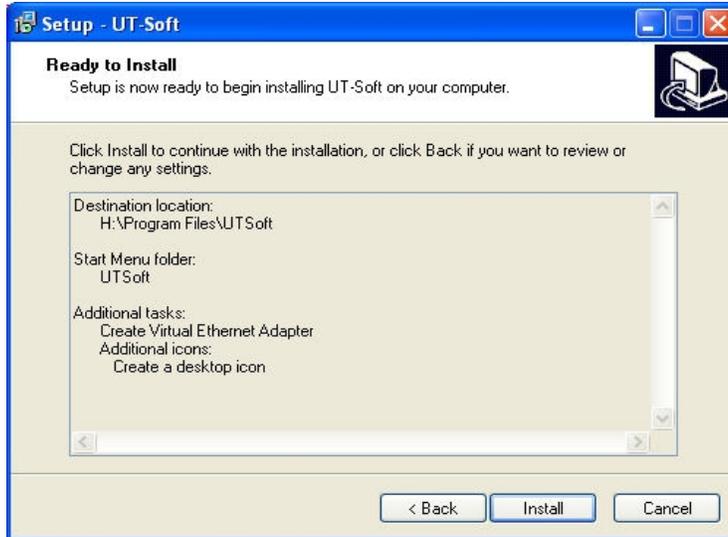
7. The “Ready to Install” window is displayed. If all locations are correct, click on the “Install” button. If changes are required, click on the “Back” button and make appropriate changes before proceeding.



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8. The “Installing” informational window will be displayed while the program is automatically installed.

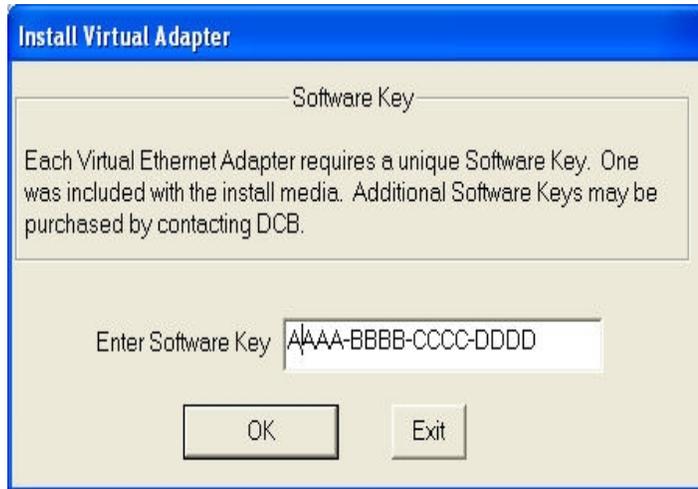




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9. You will be asked to enter the **Software Key** in the Install Virtual Adapter Screen. Enter the 16 alpha numeric key that came with the UT-Soft program. The press **“OK”** to continue.



10. You will see a screen that tells you that the software “has not passed the Windows Logo testing”. Press **“Continue Anyway”**.



11. After the installation, the “Completing the UT-Soft Setup Wizard” screen will be displayed. Click on the **“Finish”** action button.



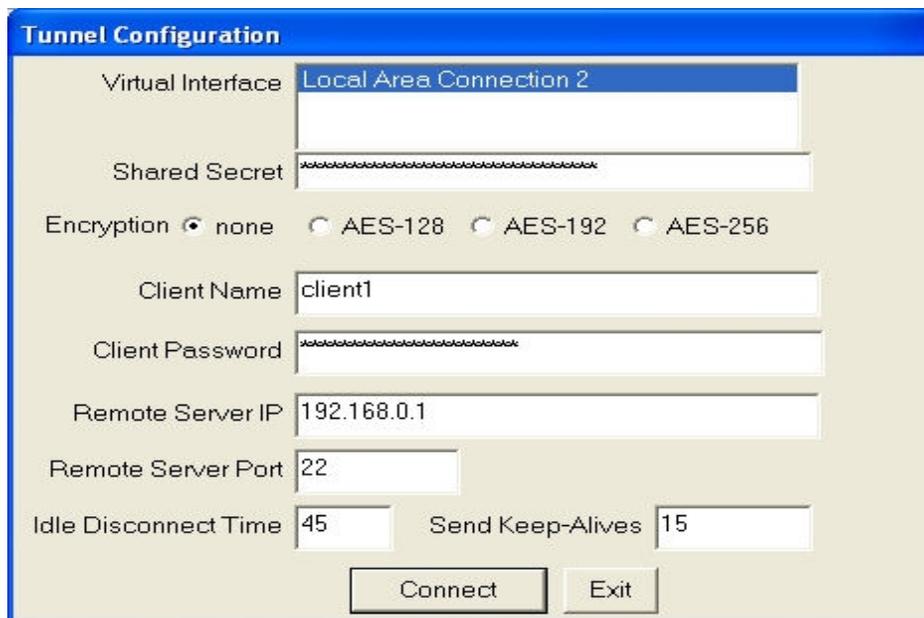
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12. The UT-Soft application will then start. If this is a first-time installation, the



“Tunnel Configuration” window, shown below, will be opened along with the UT-Soft log window. See below for instructions.





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13. Enter the **Tunnel Configuration** information for you tunnel network on the Configuration screen. The initial screen will appear to have data already entered. This is just place holder data.
 1. **Virtual Interface**: will be completed automatically.
 2. **Shared Secret**: is a system-wide shared secret. The server tunnel and all clients connected to the server use the identical shared secret.
 3. **Encryption** type: is the system-wide encryption choice. The server tunnel and all clients connected to the server must use the identical encryption (or no encryption).
 4. **Client Name**: the name of this client – it must be configured in the server UT-3300 or UT-6602 to match the UT-Soft client name.
 5. **Client Password**: password associated with this client – it must also be configured in the server UT-3300 or UT-6602.
 6. **Remote Server IP**: The IP address of the remote UT server. The UT-Soft client connects to this server address.
 7. **Remote Server Port**: The port number of the remote server – this must match the port number configured into the host UT. It can be any port number you wish to use. Client and Server must match.
 8. **Idle Disconnect Time**: If non-zero, the number of seconds this client will wait before disconnecting from the host. If zero, the UT client will never disconnect.
 9. **Send Keep-Alives**: The time (in seconds) this UT will wait while idle before sending a keep alive packet. The keep alive value should be lower than the Idle Disconnect Time value.
 10. Press the “**Connect**” action button to connect to the UT server, or press Exit to exit the program.
 11. If Connected, the program will minimize into the task bar. If the UT client was unable to connect to the host, the log will be displayed.

While the UT-Soft client is running, an icon is displayed in the task bar.

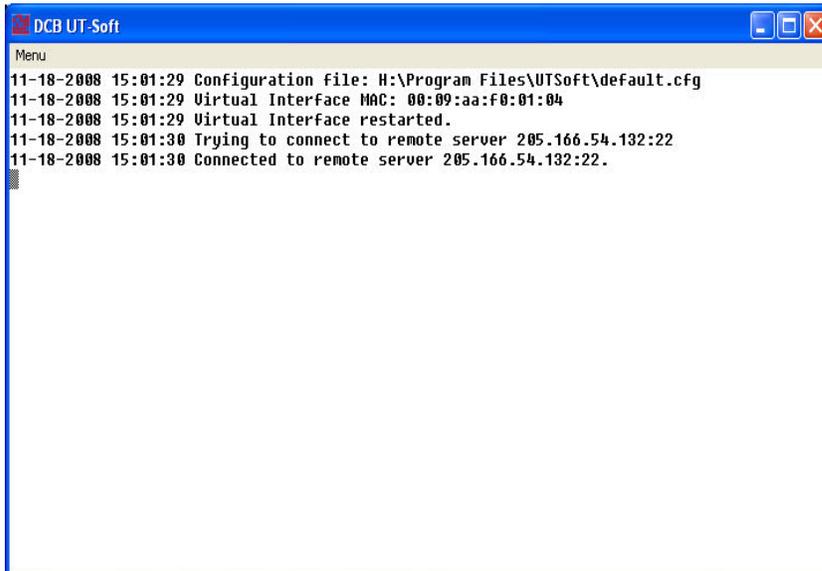


Upon clicking on the status bar icon, the UT-Soft log window is displayed.



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Clicking on the “**Menu**” drop down box, will display three menu options:

1. Reconfigure
2. About DCB UT-Soft
3. Disconnect and Exit

Selecting “**Reconfigure**” will display the “Tunnel Configuration” window discussed above.

Selecting “**Disconnect**” will close the tunnel connection and exit the program.

To Run the UT-Soft Client software

Double click on the UT-Soft icon, or navigate to the UT-Soft Client program name using Start Menu/Programs/UTSoft and click on the UT-Soft name. The program will initialize and attempt to connect to the host, while displaying the connection log. Once it connects, it will minimize itself.



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To Disconnect the UT-Soft Client software from a host

Click on the UT-Soft client in the task bar. The log window will be displayed. Click on the Menu drop-down title and click on “**Disconnect and exit**”. The program close the connection to the host and will terminate.

To Create Additional Connections using desktop icons, highlight the desktop icon. The desktop icon will look like the one below:



First, copy the icon. Right click on the icon to get the drop-down menu, then select “**copy**”. Or highlight the desktop icon and press “**Control and C**”.

To paste the new icon onto the desktop, either right click on a blank area of the desktop, then select “**Paste Shortcut**”, or just press “**Control and V**”.

Now you need to edit several items on the new icon before running it. This new icon was created from an existing icon, so it has all the original icon configuration information. To make the new one unique for the new connection you want to make, do the following:

Right click on the new icon and select “**Rename**” to give it a new name.

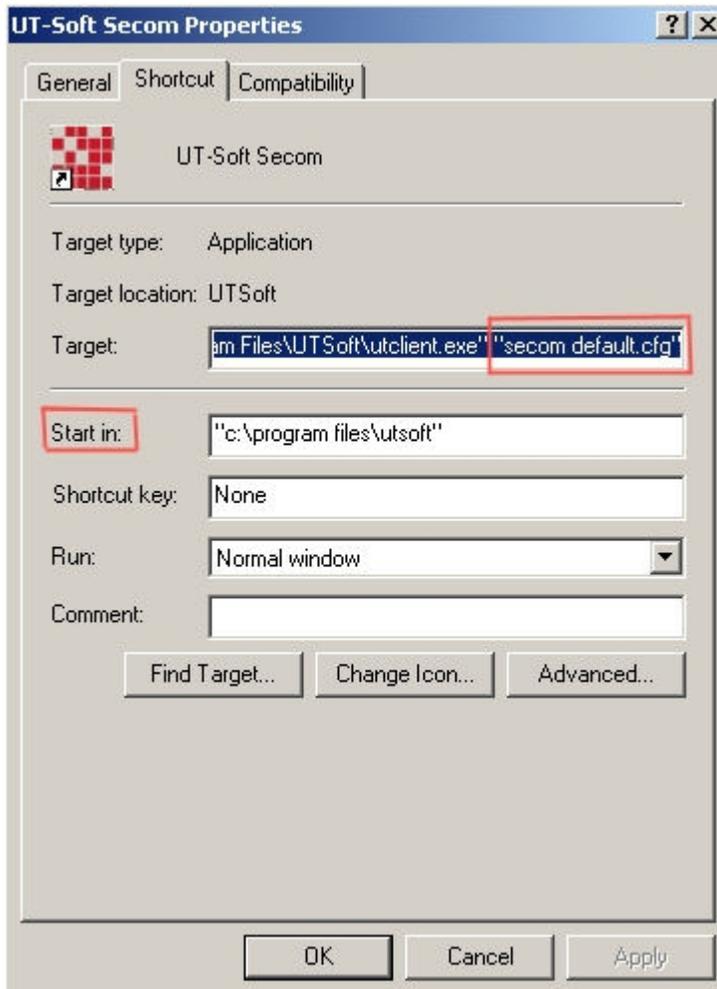
After renaming the new desktop short cut, right click on the icon again and select “**Properties**”.



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When you click on Properties, you get the selection box shown below.



The target program name should be in quotes, such as
“c:\Program Files\UT Soft\utclient.exe”

Following the above program name, in the same box, after the last quote mark, enter a space, then a new configuration file name in quotation marks, in the format “unique file.cfg”, or whatever name you chose.

Using the “Start in:” box, you can designate any file folder you wish for storing the configuration (cfg) files. The “cfg” files do not have to be in the same file folder as the “utclient.exe” directory.



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Changing the Network Adapter IP Address and Subnet Mask to match different server connections

If you create more than one UT-Soft icon (as described above) to link to different UT servers, and those servers have different IP addresses, you may need to change the Network Adapter IP address on your PC. For example, if one server is 192.168.1.x, the other is 192.168.100.x, you will likely have to change the IP Address of the DCB virtual network adapter. There is only one virtual network adapter per instance of UT-Soft, and each unique adapter can have only one IP address at a time.

To change the DCB virtual network adapter address, open the Network Connections (through Control Panel), right click on the DCB virtual network adapter, choose "Properties". After the "Local Area Network Connections" window opens, highlight "Internet Protocols TCP/IP", then choose "Properties" and enter the IP address you will use for the server to which you will connect. Enter both an IP address and subnet mask (usually 255.255.255.0) and no gateway. The gateway is always blank with UT-Soft.

How to Connect a PC to 2 or more UT Servers at the same time

If there is a need for a PC to connect simultaneously to two or more different servers, the user should add an additional virtual interface for each connection.

Additional virtual interfaces can be added by running the installer again and checking the "Create virtual Ethernet adapter" box. See page 2 of this document for a screen shot of this choice.

The "Create virtual Ethernet adapter" box is automatically checked on the first install and automatically unchecked on subsequent installs. Installing additional virtual Ethernet adapters requires a unique key for each adapter instance.