

Terminal User's Guide

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1. Installing the Software

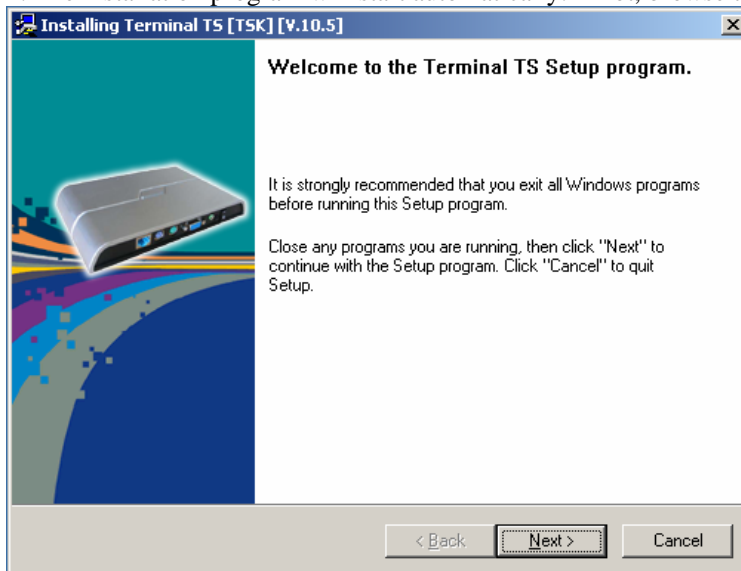
Note

Before you install the software, please check the connection of the Network terminal with the Host PC.

Refer to the following steps.

1.1 Installing Terminal TS

1. Turn on the Host PC and insert the Software Installation CD into the CD drive after your computer boots up.
2. The installation program will start automatically. If not, browse the CD, double click "install.exe".



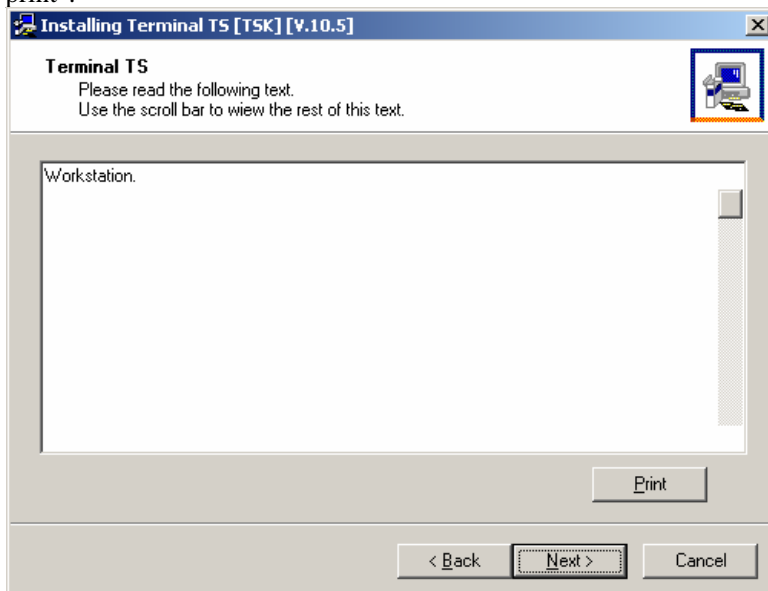
3. Please make sure to DISABLE or UNINSTALL any Anti-Virus or Firewall software that may be running in the background. Security software of this type has been tested and known to interfere with the installation and operation of our product. Click "Next".

4. Once the license agreement window appears, check “I agree” and click “Next”. If you do not agree with the license agreement, click “Cancel” to finish the process. If you want to print in out, please click the “Print”.

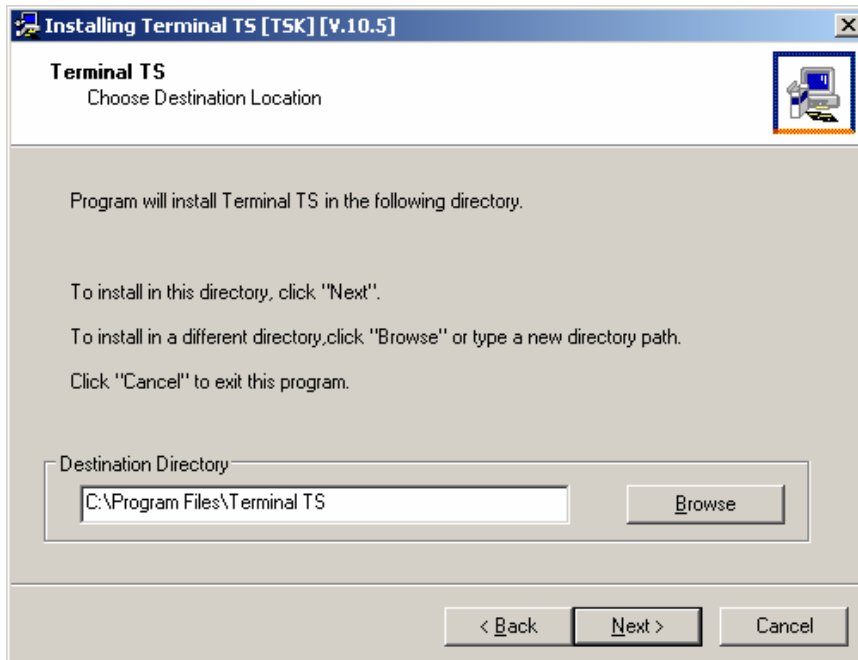


5. When the TERMINAL of use window appears, check “I agree” and click “Next”. If you do not want to agree to the license, click “Cancel” to finish the process. If you want to print in out, please click the “print”.

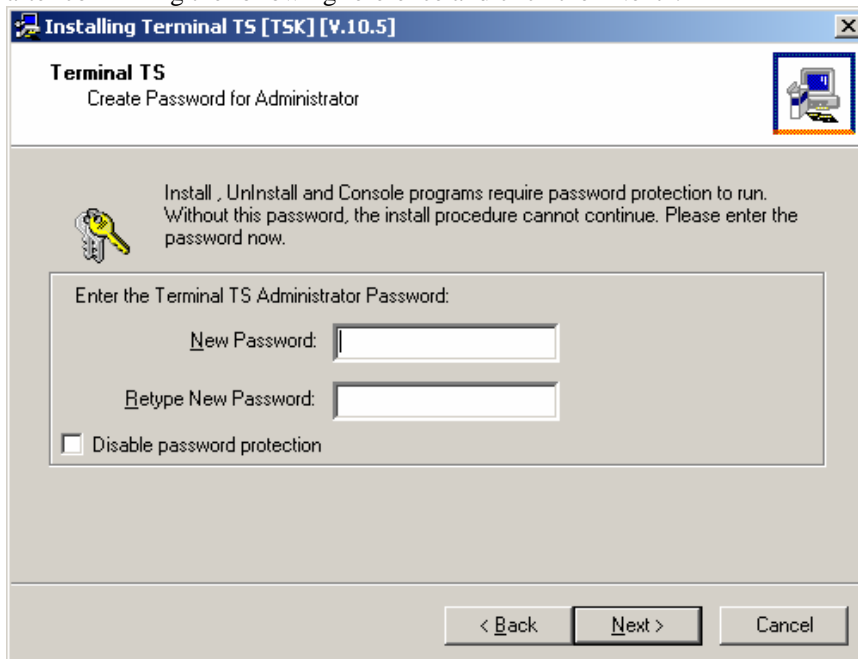
6. Read the contents of the readme file and click “Next”. If you want to print in out, please click the “print”.



7. Select the installation default folder and click “Next”. The “program Files” is the default installation folder.



8. If the screen same as the one shown on the right appears, select the item that you want to install after confirming the following reference and click the “Next”.

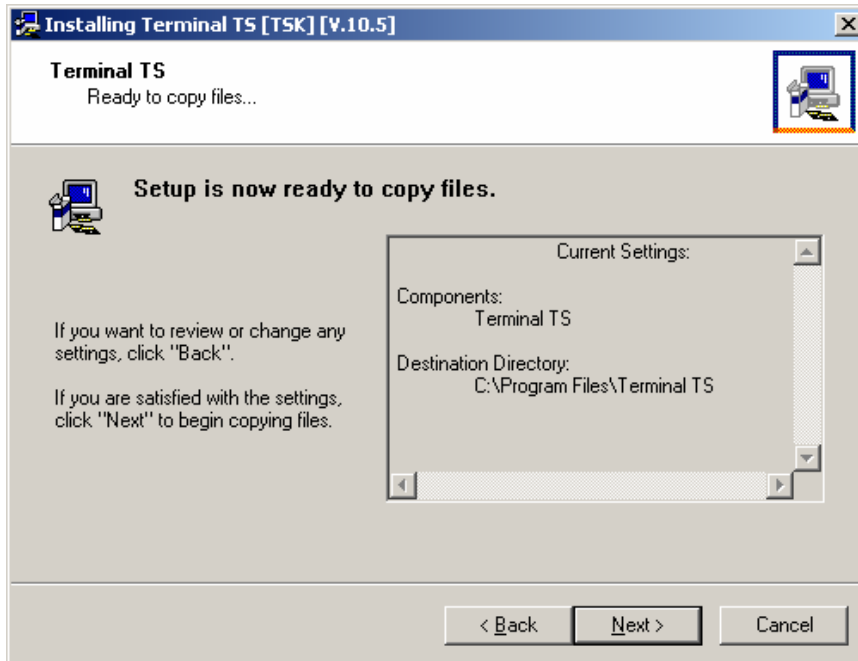


Note

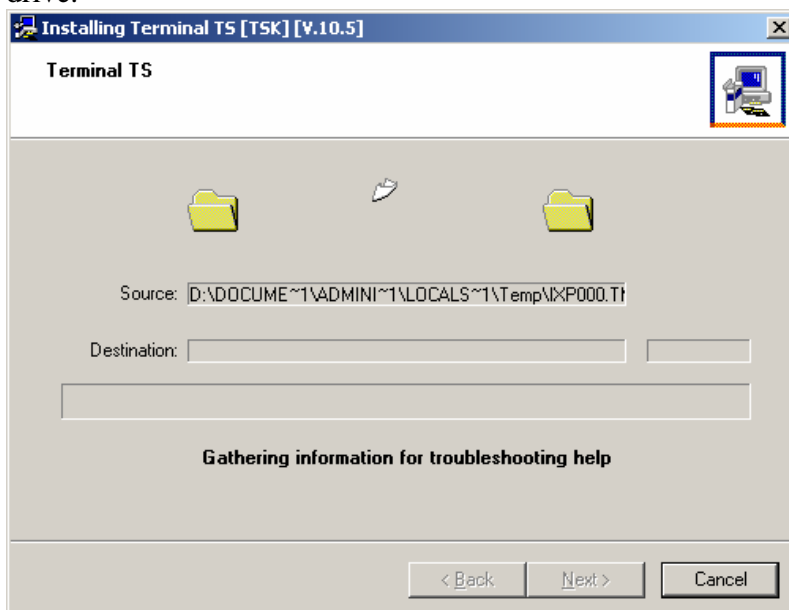
Administrator Password: If you logon by using this password, you can control the Network Administrator Console.

You should remember the "Administrator Password". If not, you can't execute the program add/delete and management setting.

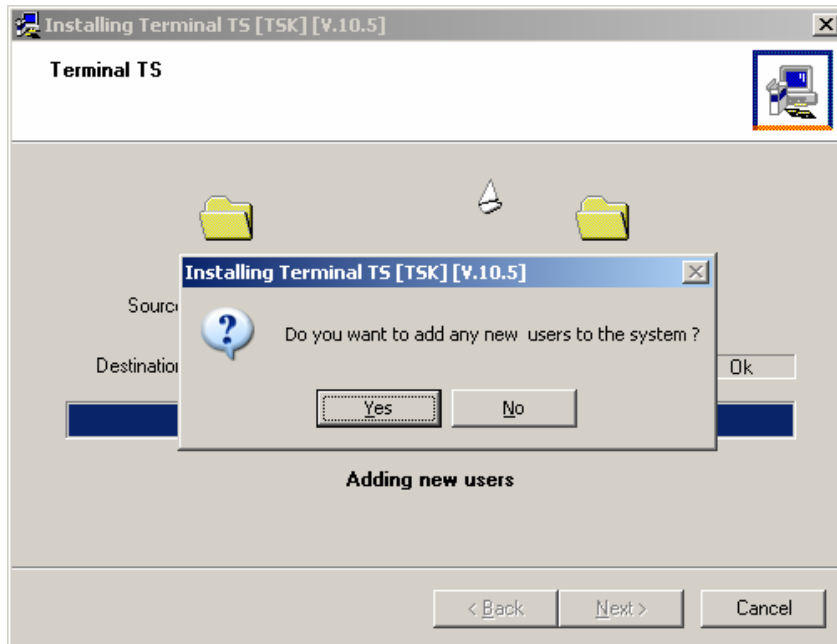
9. Click "Next".



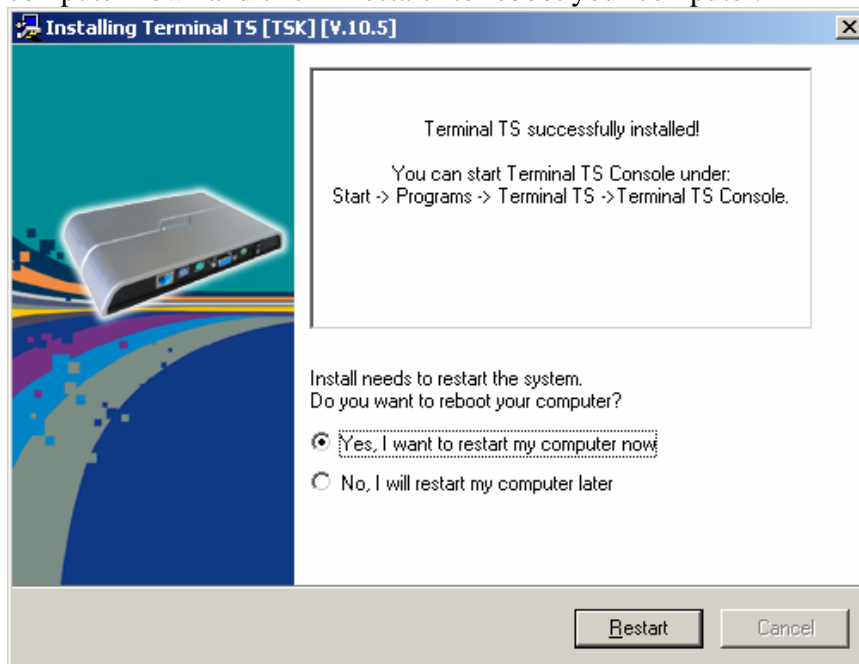
10. After collecting of Help Information, program files will be copied to the hard disk drive.



->



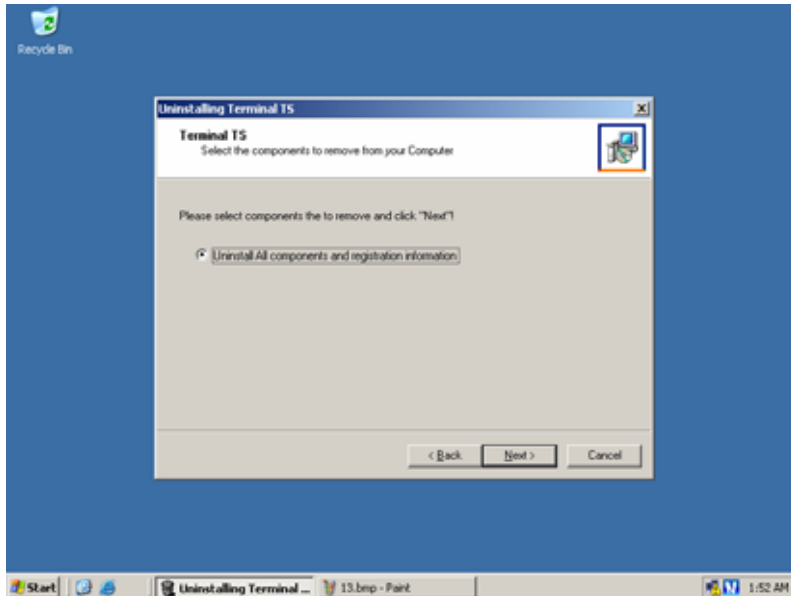
11. When the program installation is completed, the message screen for user adding will be appeared. (Refer to the screen) For more details, please refer to “Create a new account” of operating system. When the user adding is completed you will be asked to restart the system (Refer to the below screen). After checking “Yes, I want to restart my computer now” and click “Restart” to reboot your computer.



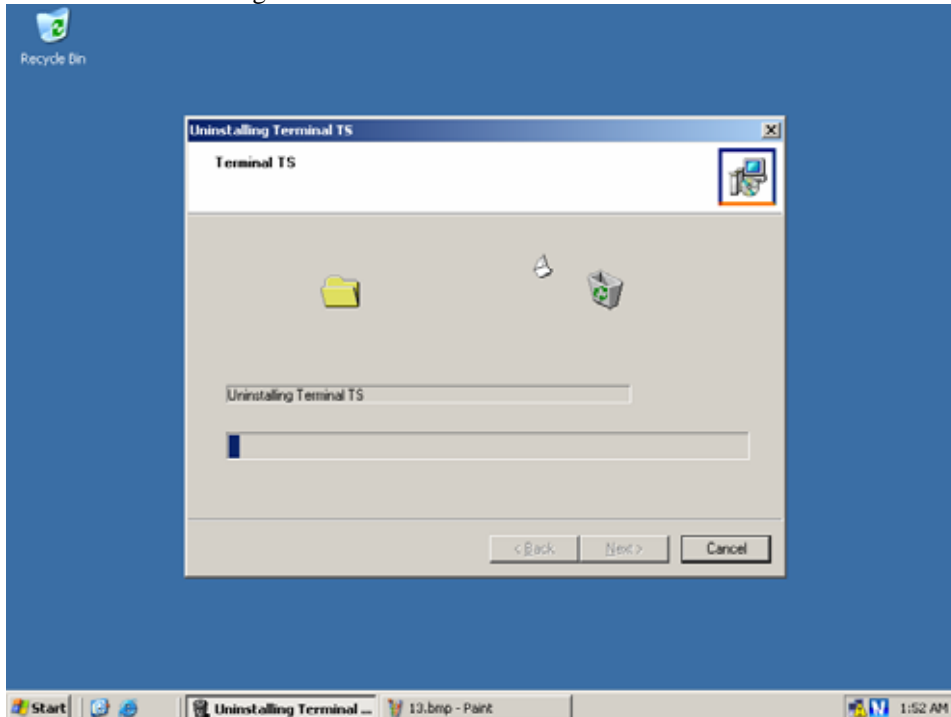
1.2 Uninstall Software

To uninstall the software, follow these steps:

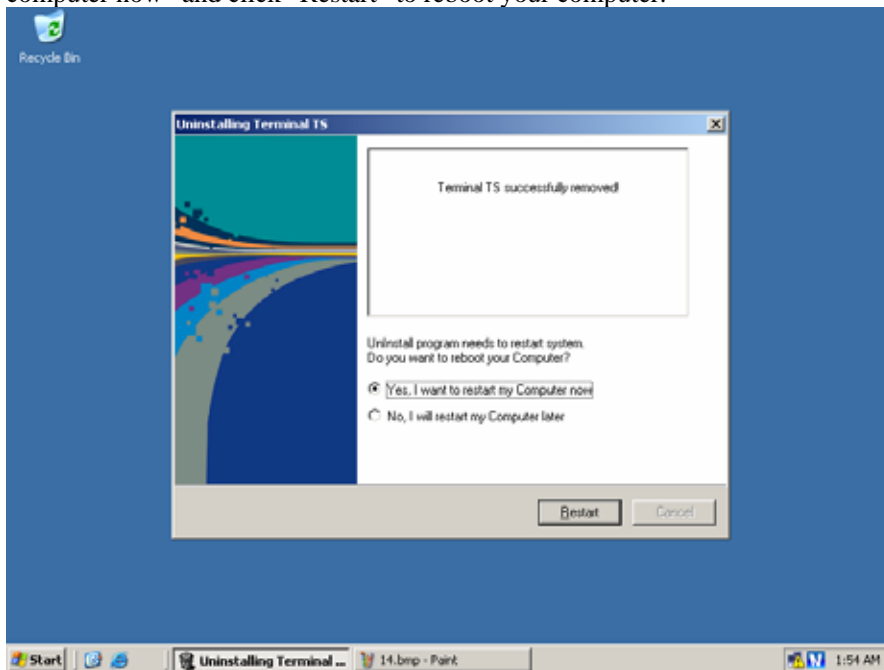
1. Click “Start”, click “All Programs”, click “TERMINAL”, and then click “Uninstall TERMINAL”.
2. When TERMINAL remove wizard window appears, click “Next”. (If you set the Administrator Password, type the password and click “Next”)
3. Click “Next”.



4. TERMINAL is being deleted.



5. After the programs have been removed from your computer, check “Yes, I want to restart my computer now” and click “Restart” to reboot your computer.



1.3 Setting up Network Configurations

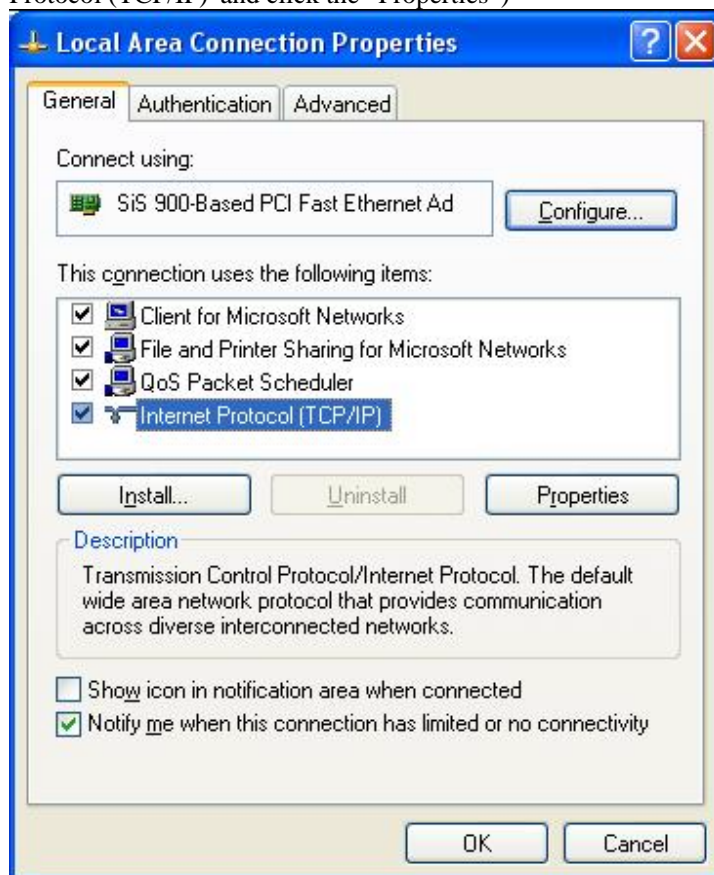
If your computer is using Windows® 2000 or XP or 2000 server or server 2003 and has a network adapter, you have to configure the network to connect with any NETWORK TERMINAL(s). To

configure your computer's network configurations, please refer to the following:

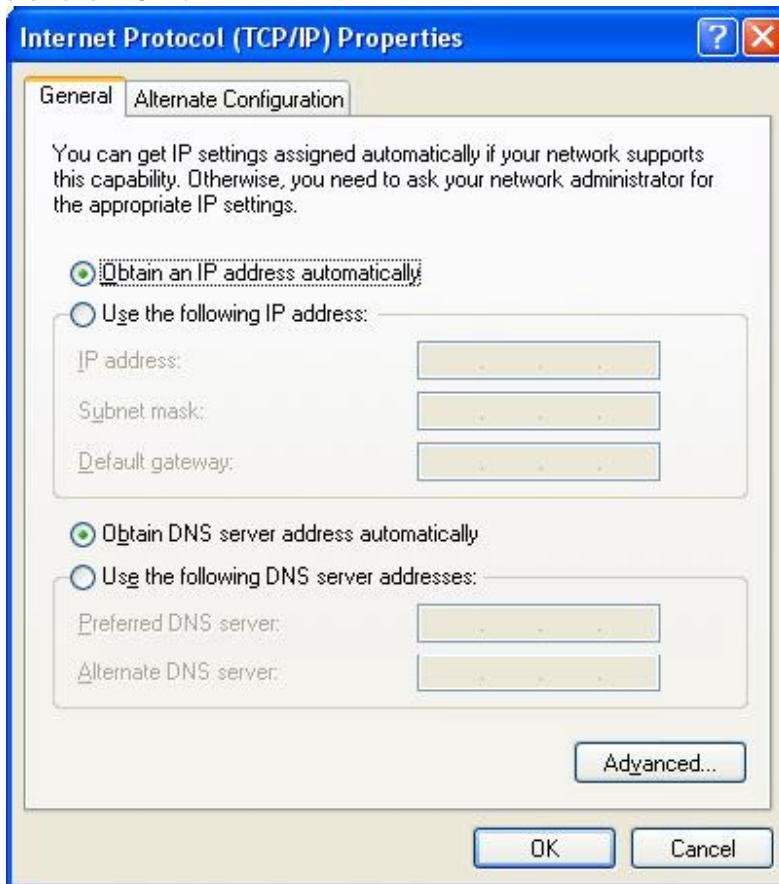
Connecting to the Network by Using a Cable/DSL Router (Support 100 Mbit Switching and DHCP Function)

If you use a Cable/DSL router, you can use dynamic IP addresses. (To use dynamic IP addresses, the router must support DHCP or a dynamic IP address allocation function) If you want to use static IP addresses when using a Cable/DSL router, refer to "Connecting by Using a switch".

1. Click "Start" and click "Control Panel". (In Windows® 2000, click "Start", click "Settings", and then click "Control Panel")
2. Click "Network and Internet Connections", and then click "Network Connections". (In Windows® 2000, double click "Network and Dial-up Connections")
3. Right click on the LAN adapter icon and select "properties". (In Windows® 2000, right click on the LAN adapter icon and select "properties")
4. Click "Internet Protocol (TCP/IP)" and click the "properties". (In Windows® 2000, click "Internet Protocol (TCP/IP)" and click the "Properties")



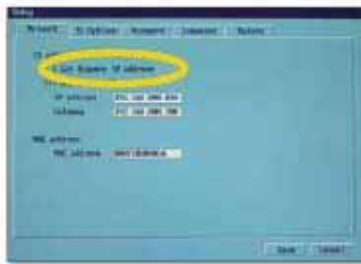
5. Check “Obtain an IP address automatically” and “Obtain DNS server address automatically,” and then click “OK”.



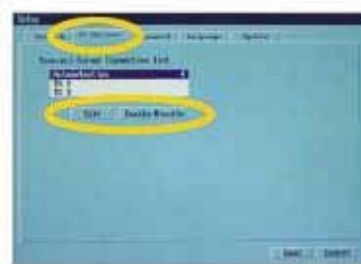
6 . Turn on the NETWORK TERMINAL for configuration settings. Click the “Setup”.



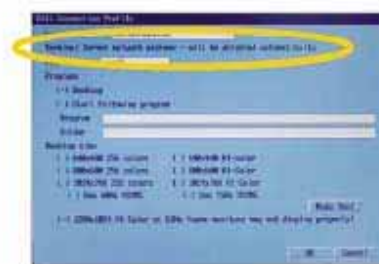
7. Viewing the monitor connected to the NETWORK TERMINAL, the Setup window will appear. In the “Network” tab, check “Get Dynamic IP address”.



8. In the “TS Options” tab, “Autodetect” would be activated as the default setting for automatic connection to the Host PC. If it is not connected properly, or if you want to run the “Fail-over” function, click the “Enable/Disable” after selecting, TS2 (or TS 3) and inputting the IP address.



or

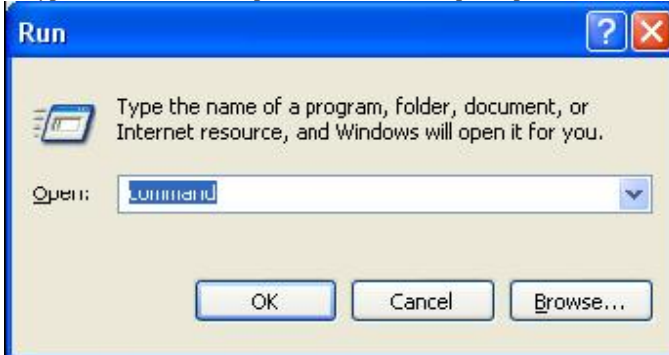


Note

You have to know the allocated IP address that the Host PC received automatically. You can see the IP address of the Host PC as follows:

1 Click “start” on the Host PC. Click “Run”.

2 Type “cmd” in the input box. The DOS prompt window will appear.



3 Type “ipconfig” in the DOS command line and press Enter. IP address, subnet mask, and Gateway that was allocated to the Host PC will be displayed on the screen.



4 Input the displayed IP address into Terminal server network address.

9. If you finished the setting, click “Save”, Click “Connect”. (or Try Again)

10. Your NETWORK TERMINAL should be connected to the Host PC. You are now ready to use your NETWORK TERMINAL.

Connecting by Using a Switch (Supports 100 Mbit/sec Switching)

To connect by using a switch, you have to set a static IP address on both the NETWORK TERMINAL and the Host PC. To configure an IP address as static, follow these steps: 1. Click “Start” and click “Control Panel”. (In Windows® 2000, Click “Start”, click “Settings”, and then click “Control Panel”)

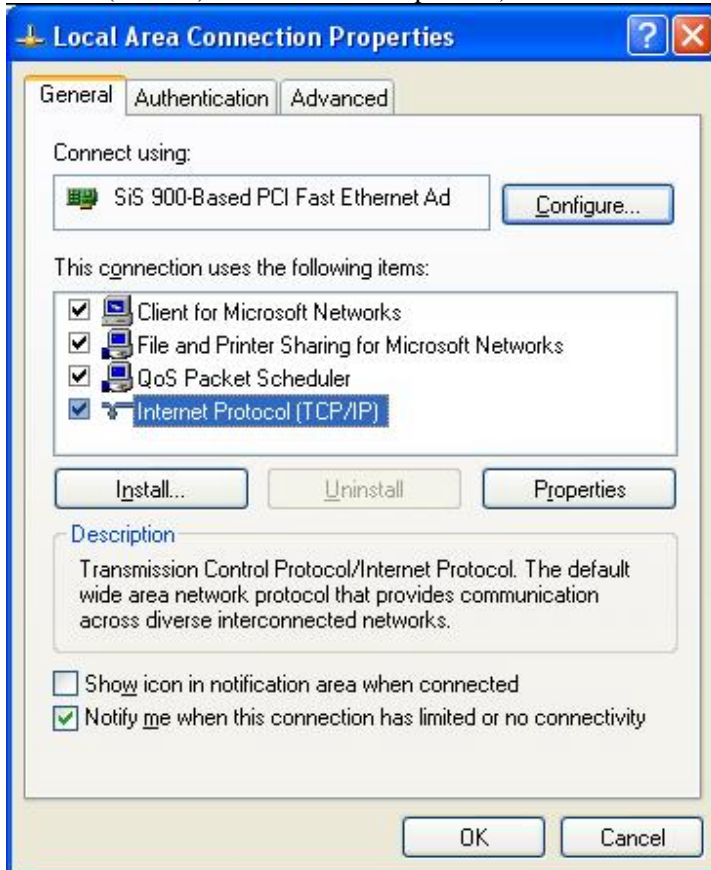
2. Click “Network and Internet Connections”, and then click “Network Connections”. (In

Windows® 2000, double click “Network and Dial-up connections”)

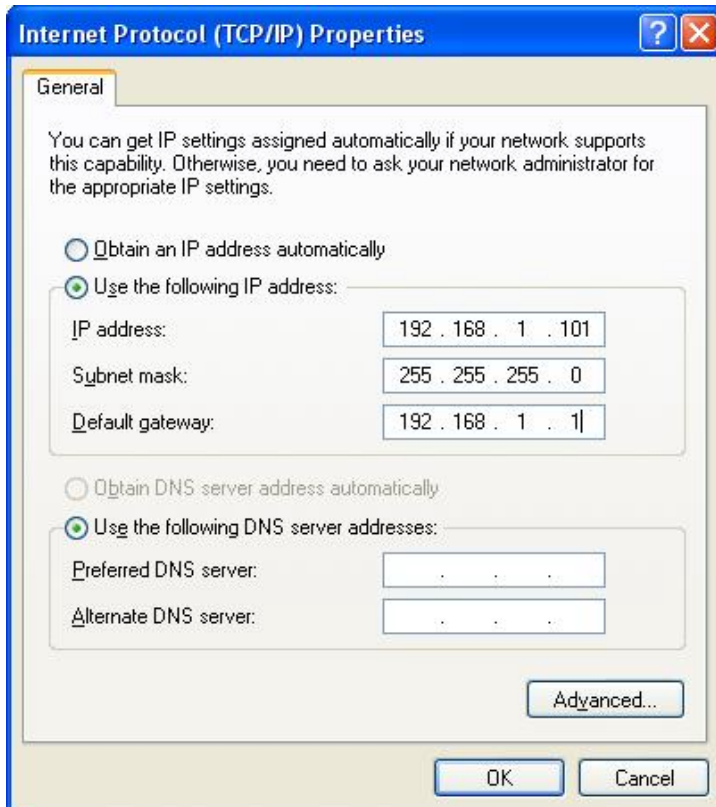
3. Right click on the LAN adapter icon and select “Properties”. (In Windows® 2000, right click on

the LAN adapter icon and select “Properties”)

4. Click “Internet Protocol (TCT/IP)”and click the “Properties”. (In Windows® 2000, click “Internet Protocol (TCT/IP)”and click the “Properties”)



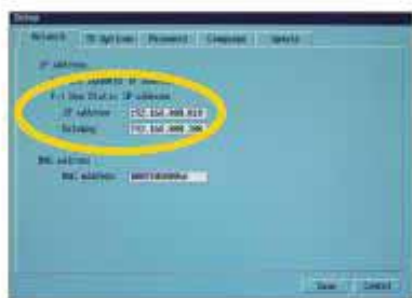
5. Check “Use the following IP address” and input the address of the IP address, subnet mask, and Default Gateway, and then click “OK”.



6. Turn on the NETWORK TERMINAL for configuration. Click the “Setup”.



7. In the “Network” tab, check “Use Static IP address” and input the IP and Gateway address you want to use.



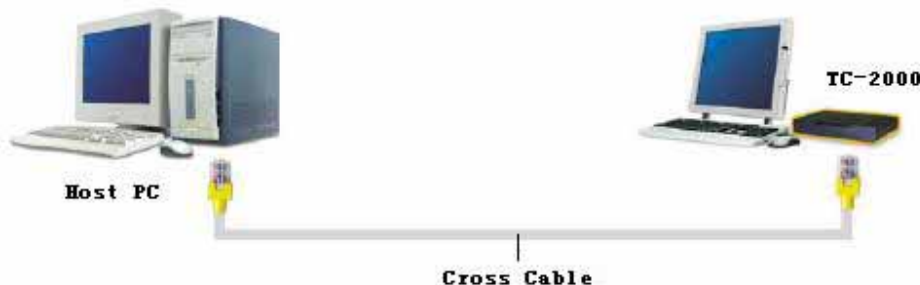
8. In the “TS Options” tab, select “TS 2” and click “Edit” then, input the IP address of the HOST PC on the Terminal Server Network address.



9. If you are finished with the settings, click “Save”. Click “Connect”. (or Try Again)

10. Your NETWORK TERMINAL should be connected to the Host PC. You are now ready to use your NETWORK TERMINAL.

Directly Connecting the NETWORK TERMINAL to a Host PC



⌚ **Host PC has one LAN adapter and no connection to the Internet**

1. Click “Start” and click “Control Panel”. (In Windows® 2000, click “start”, click “settings”, and then click “Control Panel”)
2. Click “Network and Internet Connections”, and then click “Network Connections”. (In Windows® 2000, double click “Network and Dial-up connections”)
3. Right click on the LAN adapter icon and select “Properties”. (In Windows® 2000, right click on the LAN adapter icon and select “Properties”)

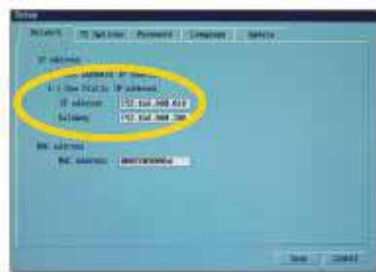
Note

To connect several NETWORK TERMINAL systems to a single Host PC, you must have equal number of LAN adapters to the number of NETWORK TERMINALS that will be connected to the Host PC.

4. Click “Internet Protocol (TCP/IP)” and click the “Properties”.
5. Check “Use the following IP address” and input as below and click “OK”. (For example, IP Address is 192.168.0.1 and Subnet mask is 255.255.255.0. According to the Host PC’s configuration, the IP address should be different)
6. Turn on the NETWORK TERMINAL for configuration settings. Click the “Setup”.



7. In the “Network” tab, check “Use Static IP address” and input IP and Gateway address as below. (For example, IP address is 192.168.0.1 and Subnet mask is 255.255.255.0. According to Host PC’s configuration, the IP address should be different)

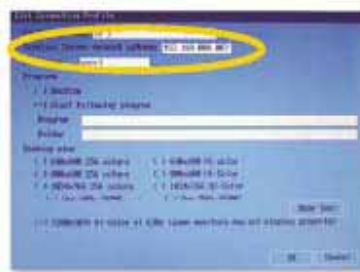


8. In the “TS Options” tab, input the Terminal server Network address as below. (Terminal server Network address:192.168.0.001)

*Only use this address if it follows your IP addressing scheme.



or



9. If you have finished the settings, click “Save” then click “Connect”.

10. Your NETWORK TERMINAL should be connected to the Host PC. You are now ready to use your NETWORK TERMINAL.

⌚ **Host PC has two LAN adapters and of the LAN adapter connected to the Internet**

If your Host PC has only one LAN adapter connected to the Internet, you have to install the LAN adapter to connect the NETWORK TERMINAL to your Host PC. To connect the NETWORK TERMINAL to your Host PC, refer to “Host PC has one LAN adapter and no connection to the Internet”, The setting of the Internet, contact to your ISP. (Internet Service Provider)

The setting of the Internet, contact your ISP. (Internet Service Provider)

1. Click “Start” and click “Control Panel”. (In Windows® 2000, click “Start”, click “Settings” and then click “Control Panel”) Click “Network and Internet Connections”, and then click “Network

Connections”. (In Windows® 2000, double click “Network and Dial-up Connections”)

2. Right click on the LAN adapter icon and select “Properties”. (In Windows® 2000, right click on the LAN adapter icon and select “Properties” In the “Advanced” tab, check “Allow other network users to connect through this computer’s Internet connection” in Internet Connection Sharing and click “OK”. (In Windows® 2000,in the “Sharing”tab, check “Enable Internet Connection Sharing for this connection” and click “OK”)

3. Click “ Yes” to restart your computer.

4. For the next settings, refer to “Host PC has one LAN adapter and no connection to the Internet”.

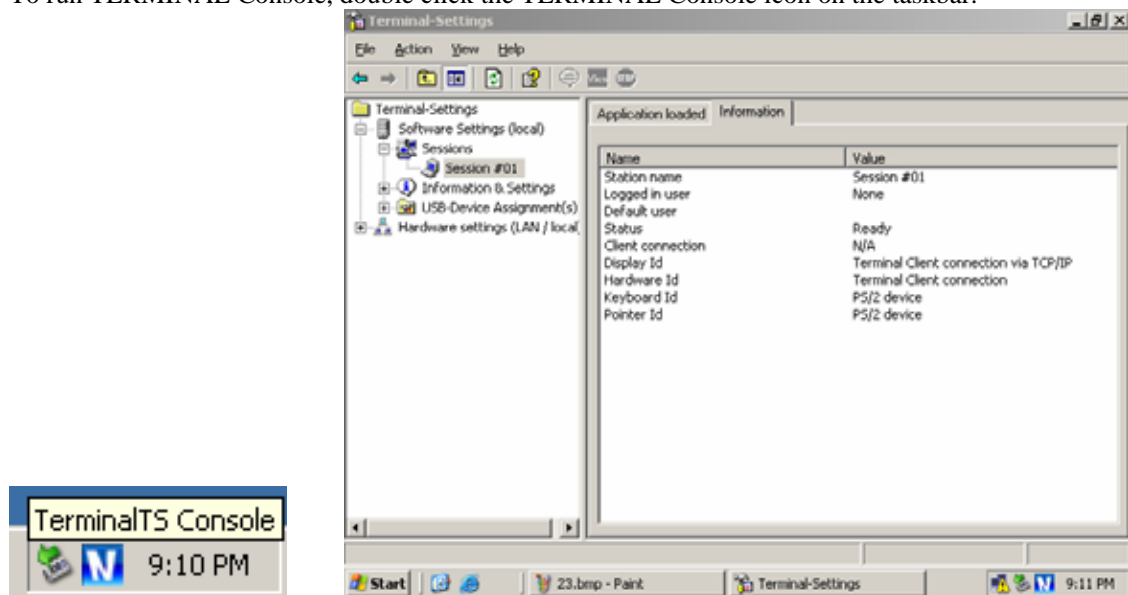
2. Using the Software

If you install the software, you can see the group and its program lists. To see the software group and lists, click “Start”, click “All Programs”, click “TERMINAL”.

2.1 Running TERMINAL Console

Using TERMINAL Console you can control the NETWORK TERMINAL.

To run TERMINAL Console, double click the TERMINAL Console icon on the taskbar.



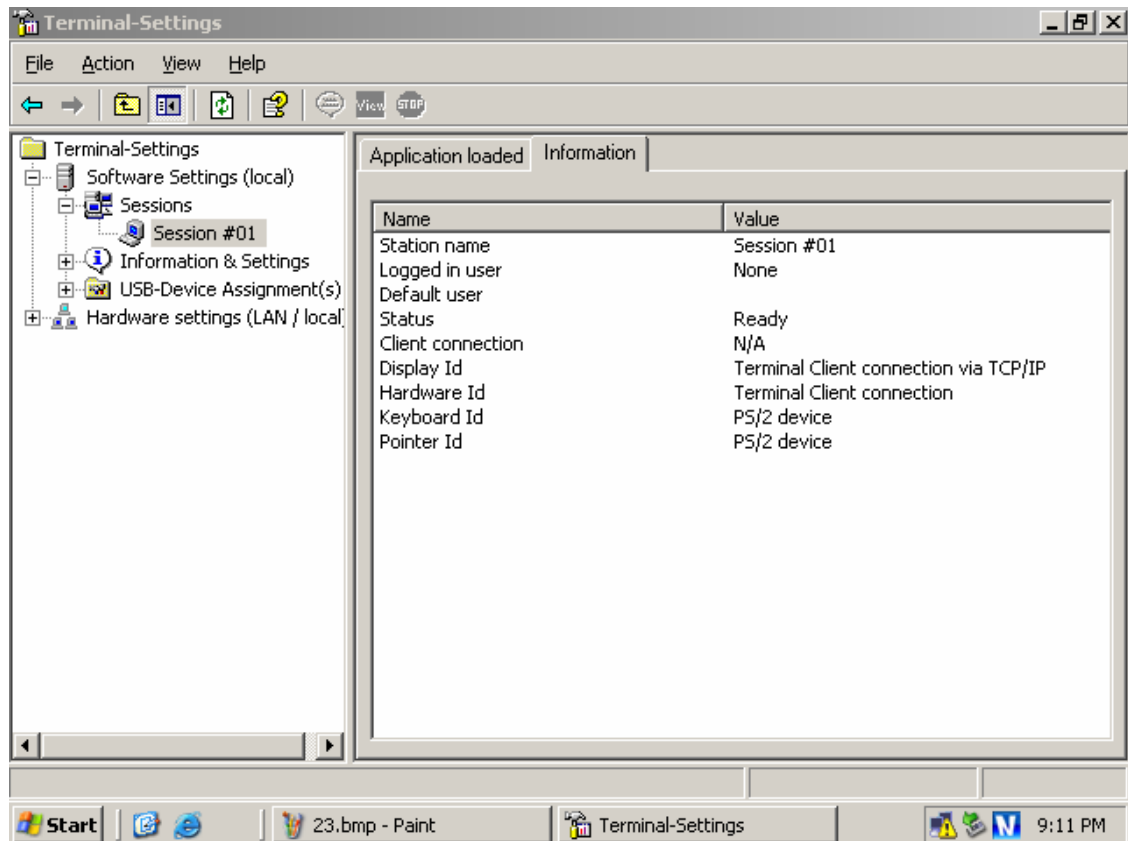
2.2 Explaining Software Settings (local) Function

You can refer to the options and function of each option. If you select the “Software Settings (local)” window, you will be able to see the “TERMINAL Management Console” window. Type the password and click “OK”. (If you select the “Disable password protection” option, during software installation, the “TERMINAL Management Console” window will not appear)

Please store the administrator password for safe keeping. We are not responsible for misplaced passwords.

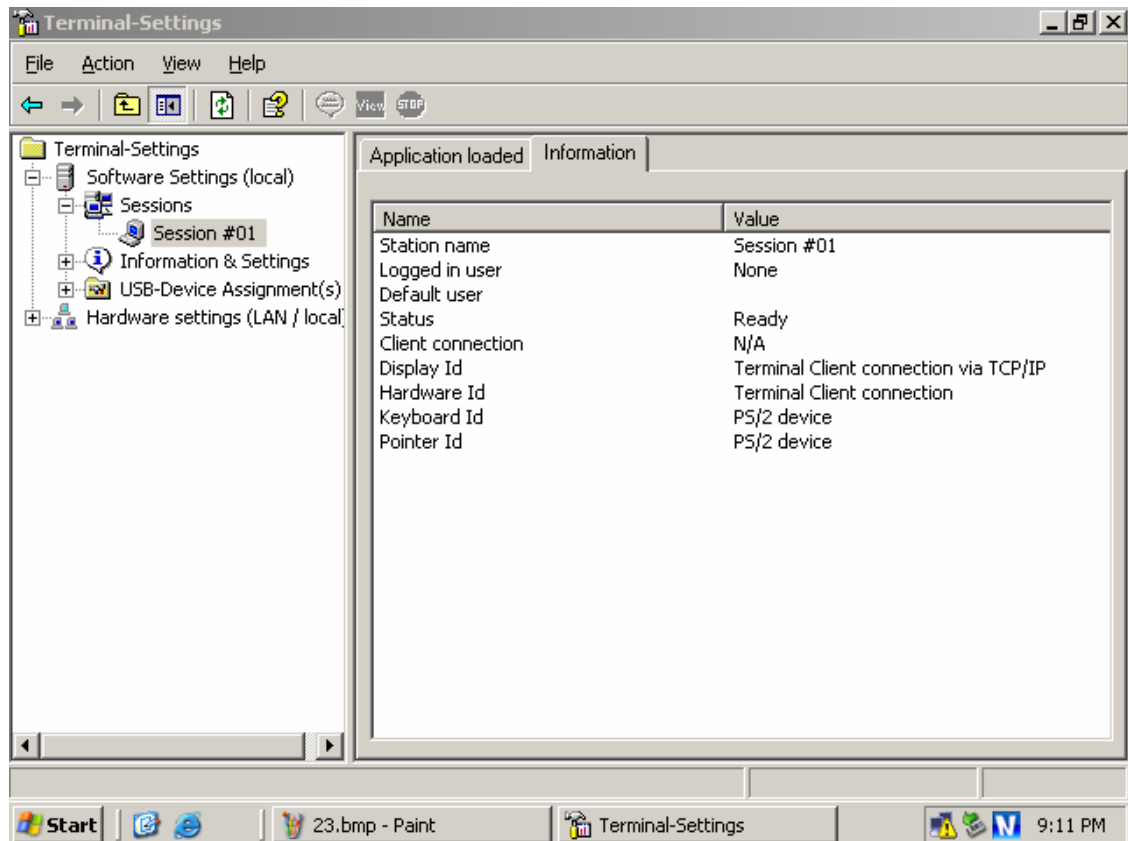
⌚ **Station**

You can see the status of the NETWORK TERMINAL when connected to the Host PC.



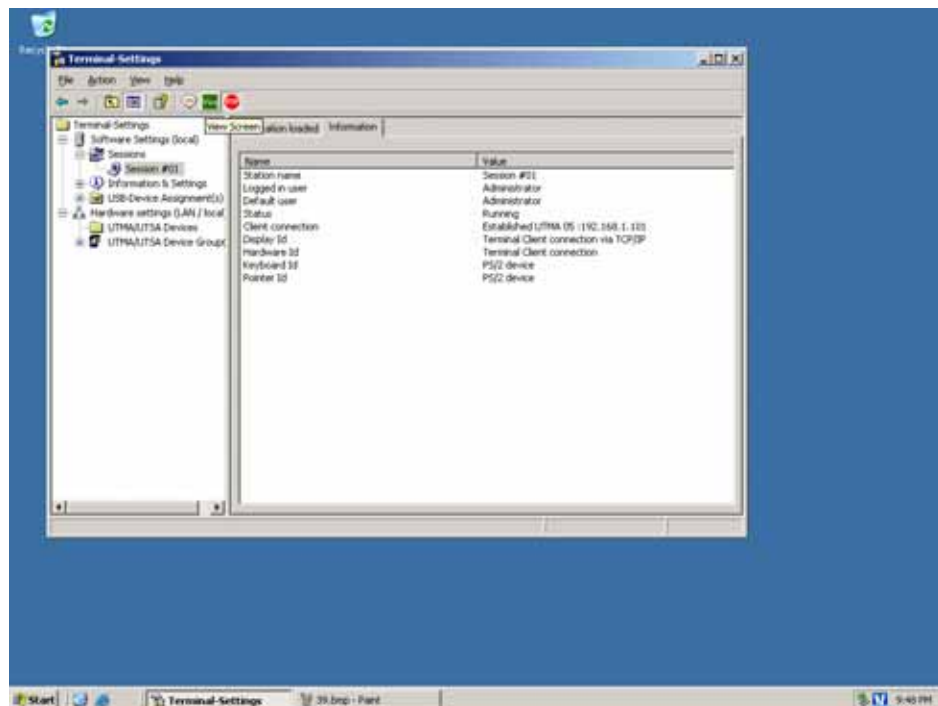
Station #01

If you select this item, you can see the lists of the operating programs and information for each connected NETWORK TERMINAL.



⌚ Stop Station

This is a shortcut icon to logoff of the connected NETWORK TERMINAL.



🕒 **Send Message**

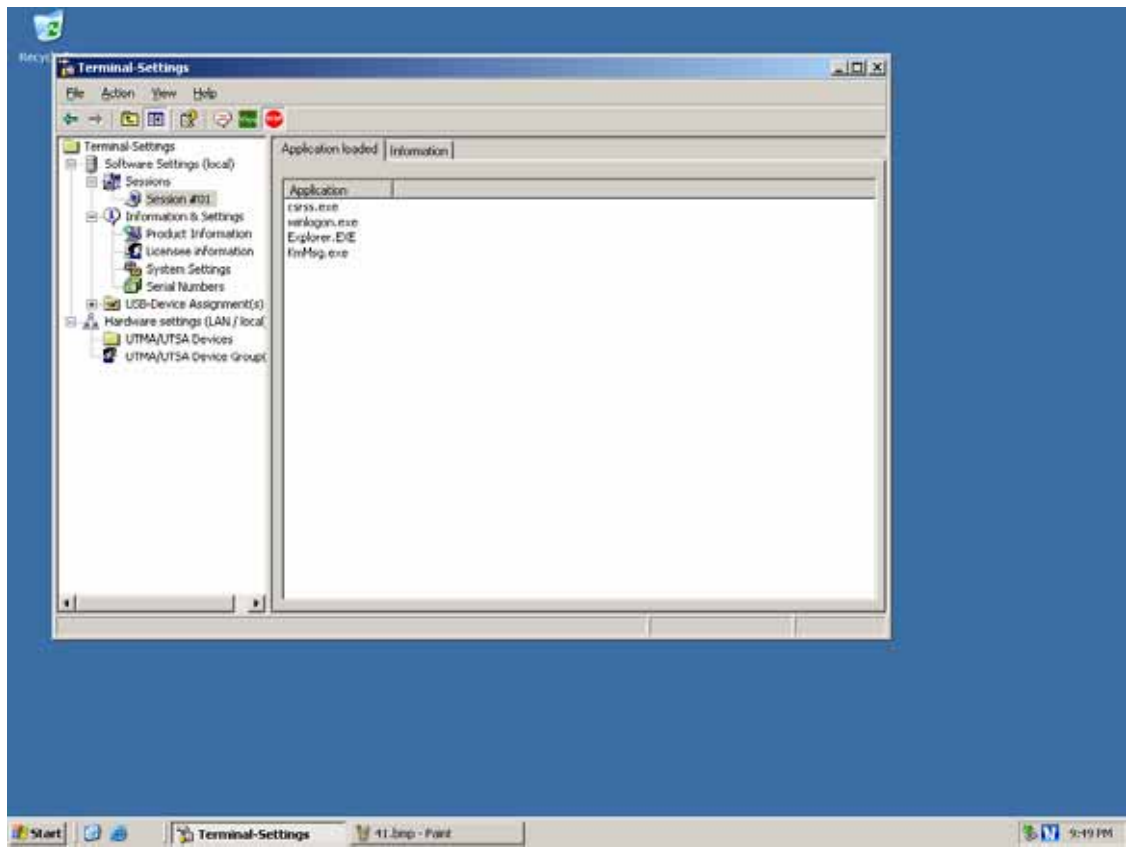
This is an icon to send message from Host PC to NETWORK TERMINAL or send the message to NETWORK TERMINAL connected to the Host PC. (For sending messages, the user needs to have administrative capabilities)



2.3 Viewing the Information of Each Station

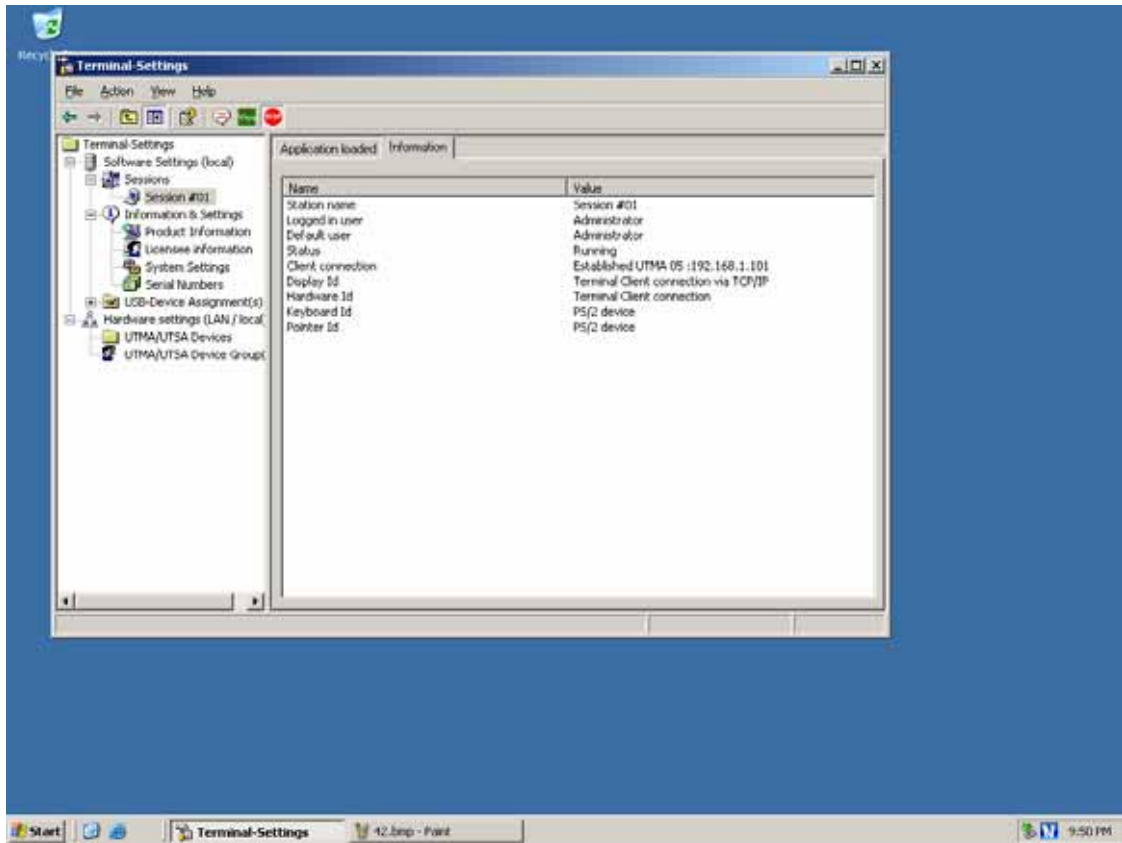
🕒 **Application loaded**

This shows the running process lists of the connected NETWORK TERMINAL(s).



⌚ Information

Shows the information of the connected NETWORK TERMINAL(s).

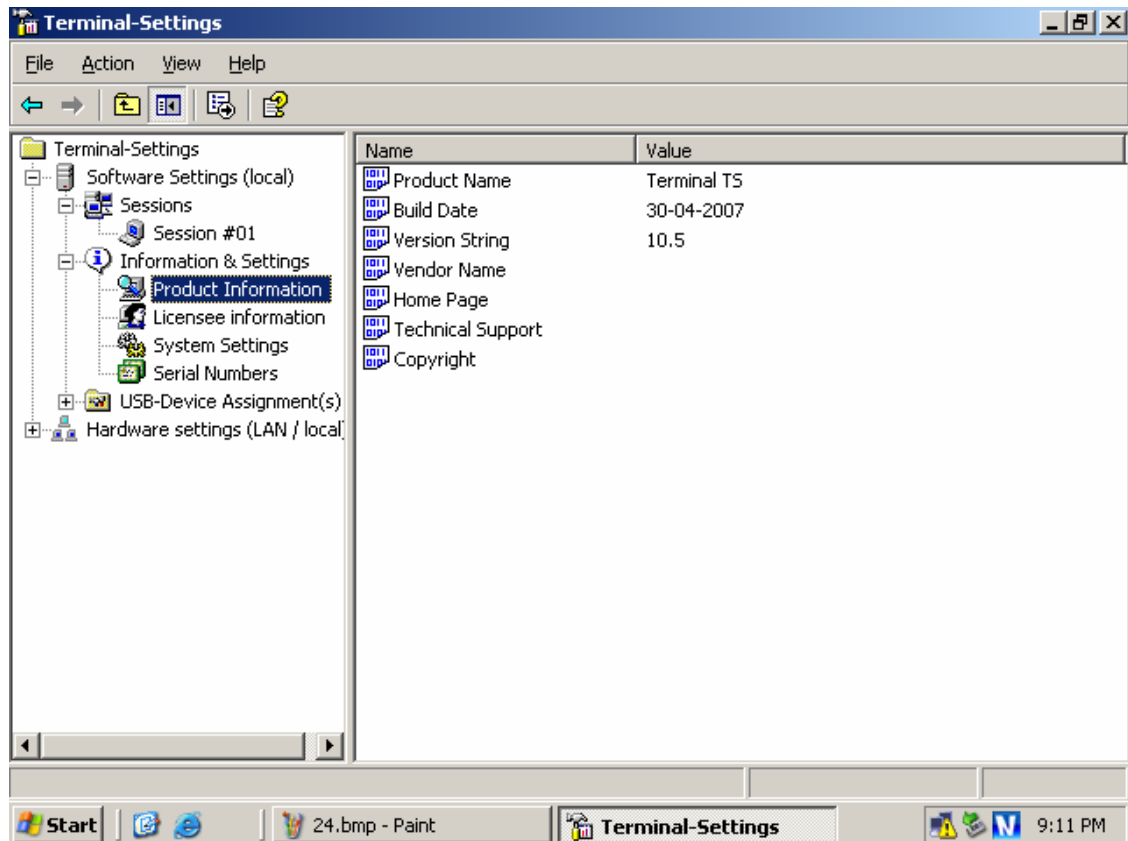


Explanation of Information Items

- *Station Name: Number of station selected. Number is assigned as it is connected to the Host PC.
- *Logon user: Shows name of the user logged on to NETWORK TERMINAL.
- *Current user : Shows name of the user who logged on the latest.
- *Status: Shows connection status.
- *Teminal connection: Shows IP of the NETWORK TERMINAL connected and its connection status.
- *Display ID: Shows display device of the NETWORK TERMINAL connected.
- *Hardware ID: Shows virtual hardware of the NETWORK TERMINAL connected.
- *Key Board ID: Shows keyboard information of the NETWORK TERMINAL connected.
- *Pointer ID: Shows mouse information of the NETWORK TERMINAL connected.

2.4 Information & Settings

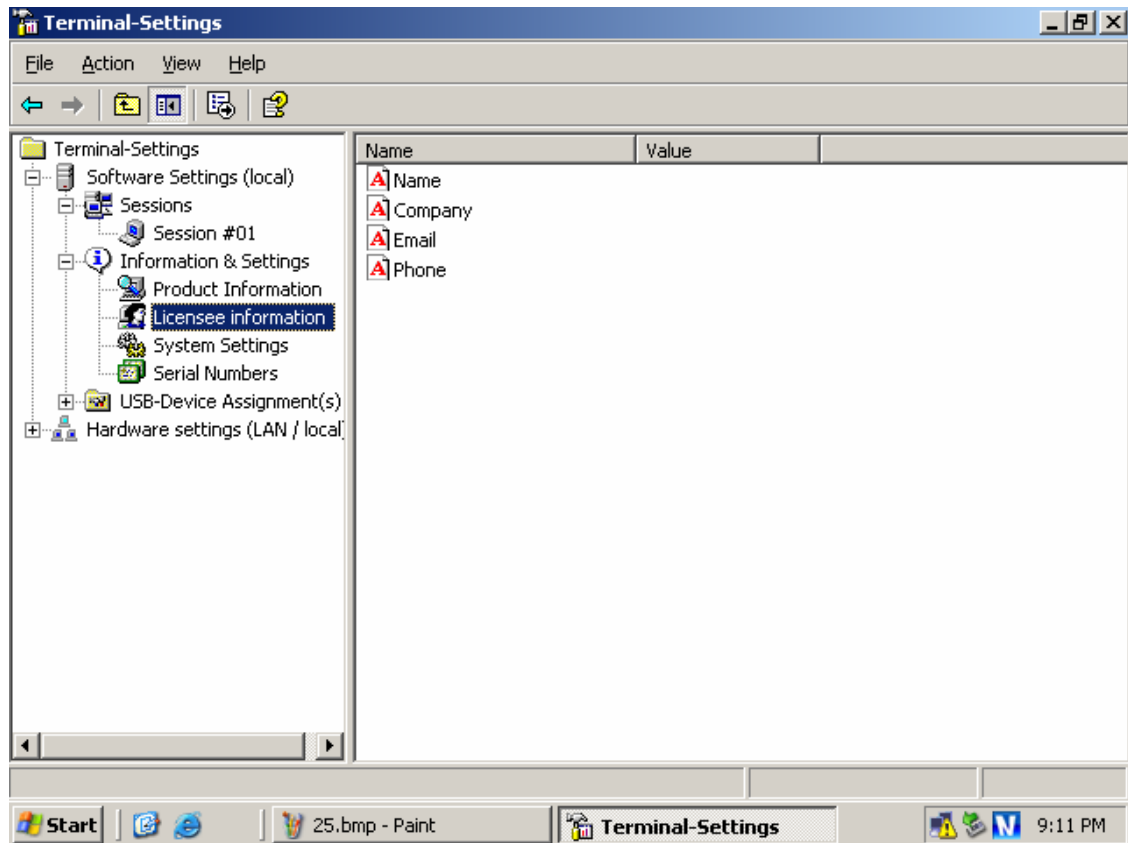
🕒 Product Information



Shows the product information, manufactured date, manufactured, copyright, and web site for technical support.

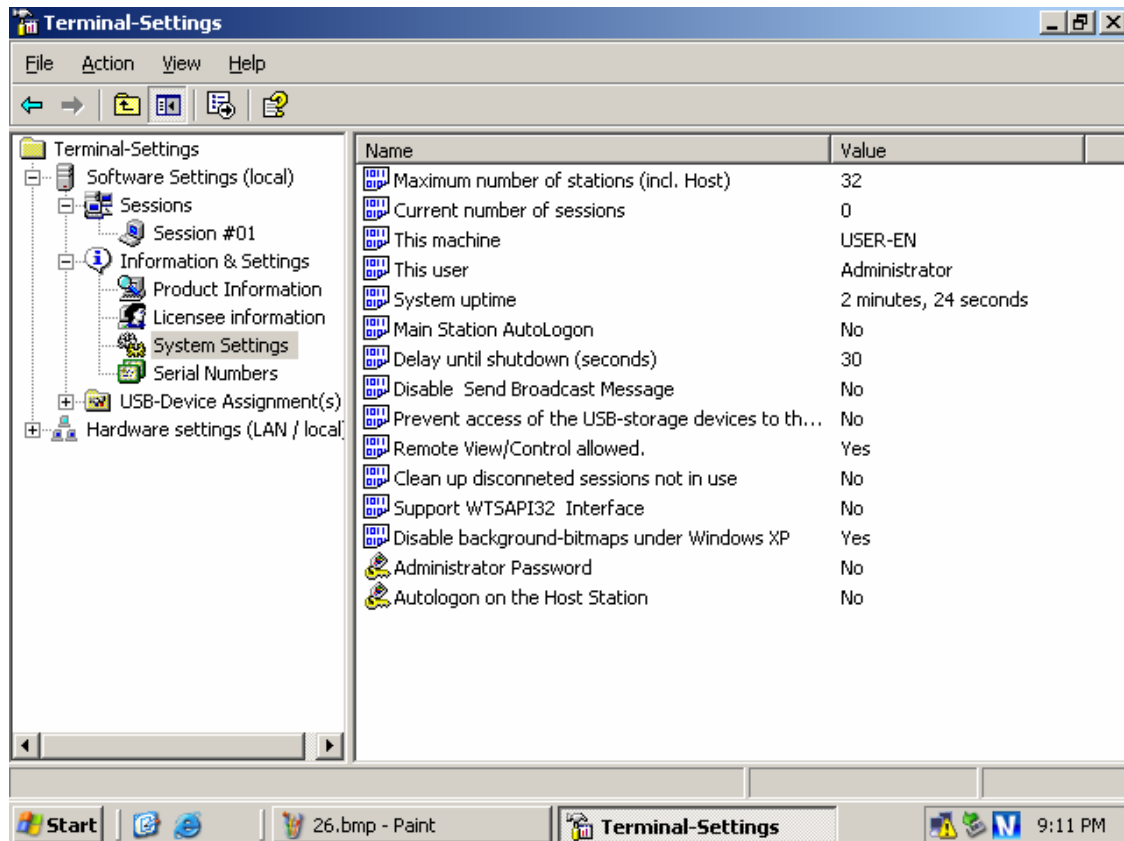
🕒 **User License Information**

Shows the user information



System Settings

Shows the general system information.



1. Maximum number of stations: Shows the maximum number of stations that can be connected to a Host PC.
2. Current number of stations: The number of stations which are currently logged on to the Host PC.
3. This machine: Name of the Host PC.
4. This user: Name of the user.
5. System uptime: Runtime of the NETWORK TERMINAL since the computer was started.
6. Main station Auto Logon: You can switch on or off the auto logon when the main station has no password.
7. Delay until shutdown (seconds).
8. Disable Send Broadcast Message: Yes/No.
9. Support WTSAPI32 Interface: Select setting status "Yes" to execute program using Windows RDP function.
10. Disable background-bitmaps generally under Windows XP: Yes/No
11. Administrator password: Can change password for TERMINAL Console. Please be careful about password management. We will not be responsible for lost password.
12. Server password: Can set server password.
13. Auto Logon on the Host Station: Automatic logon can be set so that user does not have to input account and password every time system is booted. Account and password are input when setting Auto Logon and Logon Screen will not appear when system is booted after Auto logon is set.

3. NETWORK TERMINAL Console Management

Thank you for buying the NETWORK TERMINAL(s). This User's guide tells you how to use and configure the NETWORK TERMINAL(s).

Note

This user's guide provides instructions of NETWORK TERMINAL(s) connection function and management. Its is recommended to read this user's guide carefully before using this new program..

3.1 Hardware setting(LAN/Local) start menu

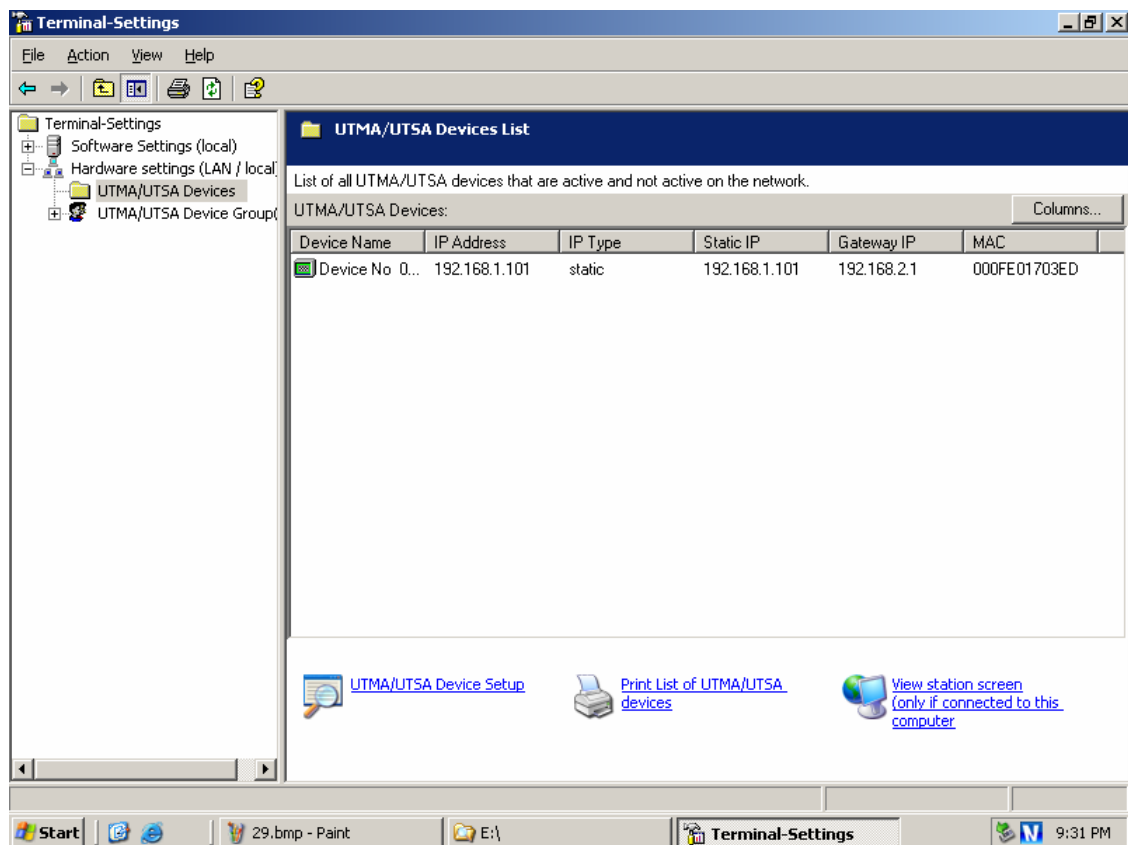
Settings for NETWORK TERMINAL connected to the network can be changed from the administration console. ("Device" shows information of the NETWORK TERMINAL connected to the Network) Select the NETWORK TERMINAL whose settings are to be changed and click "Device Setup" to change the setting. ("Device Group(s)" can assign several NETWORK TERMINALs into a group to manage)

1. Click "Hardware settings (LAN/Local)" in the TERMINAL Console menu.

Green Color Icon: Connected with Host PC Local Network..

Blue Color Icon: Disconnected with Host PC in Local Network..

Red Color Icon: Turn Off state but as of old connected with Host PC more than one times.



2. Choose the one "Devices", and double click NETWORK TERMINAL Device setup Icon.
3. "Device Overview" for remote NETWORK TERMINAL connection.

Device Overview

Device Informations

Device Name

Device Status

Serial No

Windows session is already started

8001205

Firmware

Version

Build Number

Schema ID

Device ID

Boot Server

4.4

7944

65

5

english

Network Settings

IP Address

IP Type

Static IP

Gateway IP

MAC

192.168.1.96

dynamic

192.168.1.10

192.168.1.1

000FE017B53B

Password Settings

Admin Password

Enabled

Language

Language

English

Connection

Change

Connection Settings

Network Settings

Setup Password and Language

Member of Groups

Update Firmware

View Screen

Print

OK

1 Connections Settings: NETWORK TERMINAL setup Same item as “TS option” setup and can change the settings for the Host PC to be connected. (Remote NETWORK TERMINAL connection include auto connection)

The image shows a Windows-style dialog box titled "Properties". It has a tab labeled "Connection Settings". Inside the dialog, there is a "Device Name:" label followed by a text input field. Below this is a section titled "Server Connection list" which contains a list box labeled "Connection Profile". The list box has three items: "Autodetection" (checked with a green checkmark), "TS 2", and "TS 3". To the right of the list box are two buttons: "Edit" and "Disable". Below the list box is an "Auto-Connect:" label followed by a dropdown menu currently showing "Disabled". At the bottom of the dialog are three buttons: "OK", "Cancel", and "Apply".

2 Network Settings: NETWORK TERMINAL setup Same item as “Network” and can change.

The screenshot shows a 'Properties' dialog box with a 'Network Setting' tab. Under the 'IP Address' section, the 'Get Dynamic IP address' radio button is selected, and the 'Use Static IP address' radio button is unselected. Below these, the 'IP Address' field is set to '192 . 168 . 1 . 10' and the 'Gateway' field is set to '192 . 168 . 1 . 1'. Under the 'MAC Address' section, the 'MAC address' field is set to '000FE017B53B'. At the bottom, there are 'OK', 'Cancel', and 'Apply' buttons.

3 Setup Password and Language: NETWORK TERMINAL setup Same item as “Password” and “Language” and can change the setting values of password and language for NETWORK TERMINAL.

The screenshot shows a 'Properties' dialog box with a 'Device Setup Options' tab. Under the password section, the 'Do not use password' radio button is unselected, and the 'Protect BIOS options with password' radio button is selected. Below this, the 'Setup interface language' section shows a 'Language' dropdown menu set to 'English'. At the bottom, there are 'OK', 'Cancel', and 'Apply' buttons.

4 Member of Groups: Shows groups currently set up. Groups to which NETWORK TERMINAL are assigned can be added or deleted.

5 Print: Can print the content of setup window shown on the screen.

Note

NETWORK TERMINAL information (Connections Settings, Setup Password and Language) changed in the “Device Setup” menu will be applicable NETWORK TERMINAL after is rebooted.

3.2 Auto Connection Function

With the “Auto Connection” function, you can easily connect to a Host PC without using the NETWORK TERMINAL main setup screen.

1. Turn on your NETWORK TERMINAL device.
2. Next, you will automatically go into the Windows Logon dialog box screen without having to press the “connect”.
3. Fill in the “User name” and “Password”.

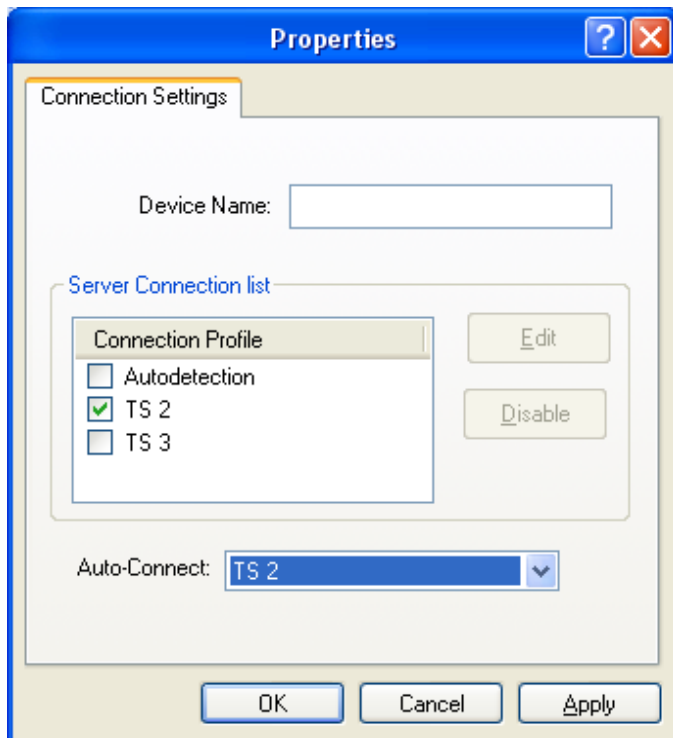
Introducing the Auto connection setup

Setting up your Auto Connection menu from NETWORK TERMINAL main setup

1. Click “setup” to setup your connection menu.
2. Click “TS Options”.
3. Select “TS 2” then click “Enable/Disable”. (You must Disable the Autodetection selection)
4. Click “Edit” to select the option menu.
5. Click “Autoconnect Enabled”.
6. Click “OK” to save all settings.

Setting up your Auto Connection menu from TERMINAL console

1. Click “Hardware Settings (LAN/Local)” menu from TERMINAL Console
2. Click “Devices” step menu.
3. Select the target NETWORK TERMINAL devices then double click.
4. Click “Connection Settings” to connection settings.
5. Click “TS 2” connection profile. (You must Disable the Autodetection selection)
6. Click “OK” to save all settings.



3.3 Auto Logon Function

With the “Auto Logon” function, you can easily connect to a Host PC(s) without fill in the Windows Logon dialog box.



1. Turn on your NETWORK TERMINAL device.
2. Click “Connect” of main setup screen.
3. Automatically go in to the Windows main screen due to setting the “User Name” and “Password” already.

Introducing the Auto Logon setup

Setting up your Auto Logon menu from TERMINAL Console.

1. Click “Hardware Settings (LAN/Local)” menu from TERMINAL Console.
2. Click “Devices” setup menu.
3. Select target NETWORK TERMINAL devices then double click.
4. Click “Connection Settings” to connection settings.
5. Select connection profile (Autodetection, TS2, TS3).
6. Click “Edit” from connection profile.
7. Click “Enable Autologon Mode”.
8. Fill in the “User Name” and “Password”.
9. Click “OK” to save all settings.
10. Click “OK” from “Connection Settings”.

Note

If you use “Auto Logon” and “Auto Connection” function together, you can connect the Host PC easily.

3.4 USB Device Assignment(s)

The USB port in the Host PC can be set to use USB storage devices connected to the Host PC in each NETWORK TERMINAL. When a USB storage device is connected, the USB storage devices connected to each port is shown on the screen. Change the settings by clicking the applicable port for each USB storage devices connected that is to be used in the NETWORK TERMINAL or applicable Host PC.

The setting window appears when the applicable port is clicked as shown in the figure to the right.

The default setting is “Use the default prevention setting from the system settings” This setting is allowed to be used for the Host PC and NETWORK TERMINAL. To use USB storage device in the Host PC and NETWORK TERMINAL, deselect default setting and click NETWORK TERMINAL or main console (refers to Host PC).

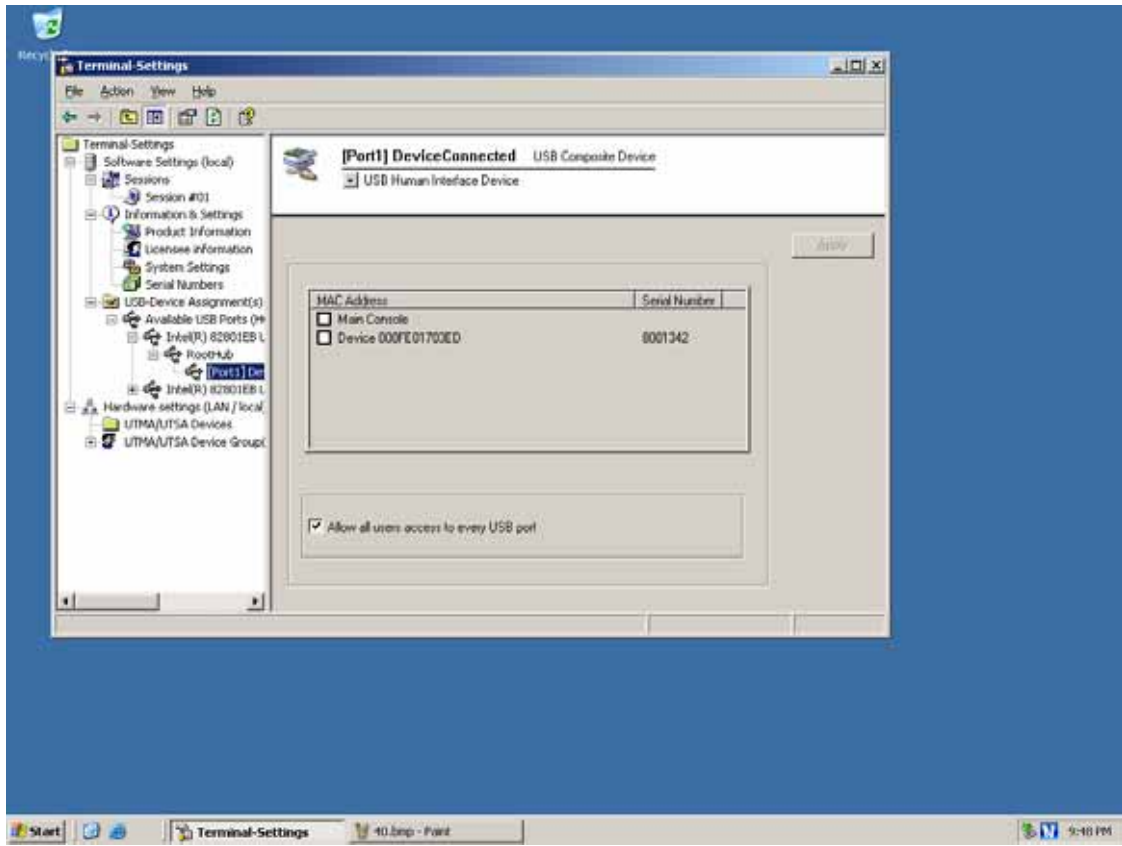
Note

USB-Device Assignments only supports USB type storage device. It does not support USB keyboard or other devices.

Introducing the USB Port Assignment(s) setup

Setting up the USB port Assignment(s) from the TERMINAL console.

1. Click “Software Settings (local)” menu from the TERMINAL console .
2. Click “USB device Assignment(s)” setup menu.
3. Click “ROOT hub” then select the appropriate port.
4. Click “Use default prevent setting from system settings” then select “MAC Address” to share the USB Port Assignment(s).
5. Click “Apply”.



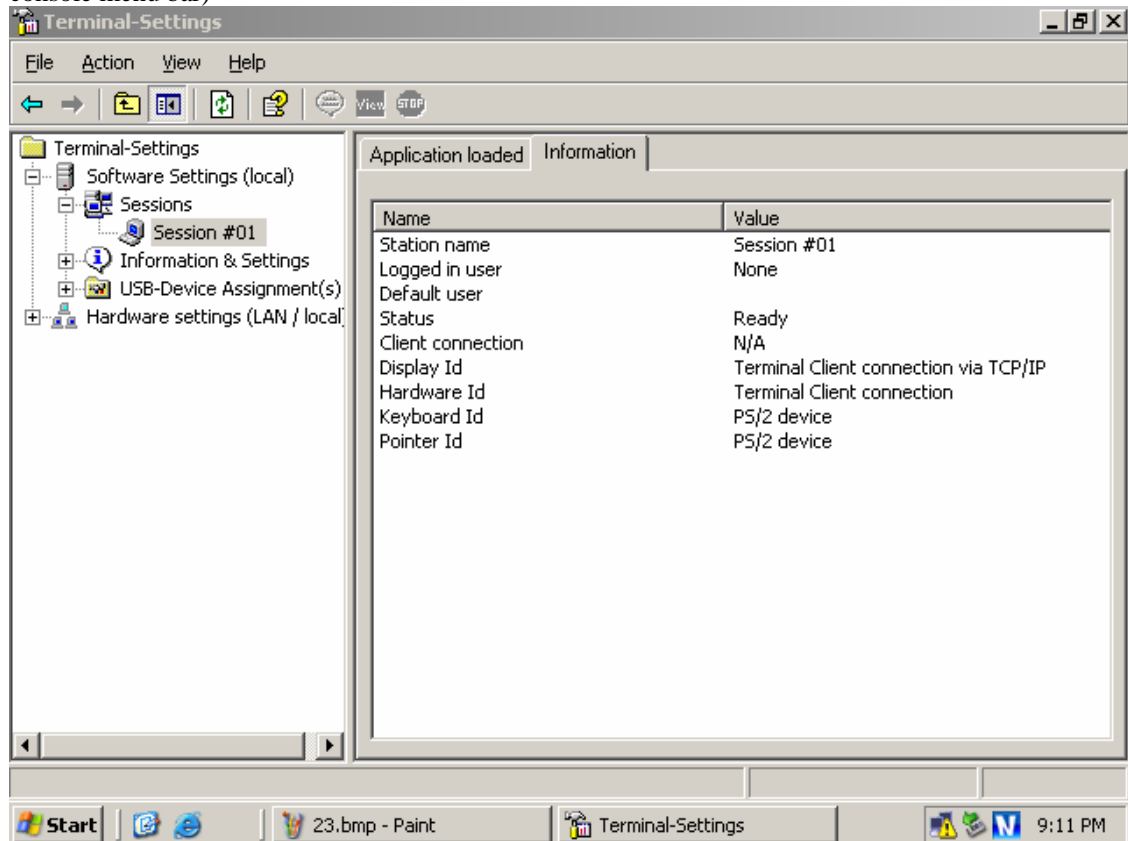
3.5 View Screen and Management Function

Through the console you can view the screen of the NETWORK TERMINAL selected. Users must have Admin authority to activate this function.

Introducing the View Screen setup

Setting up you View Screen menu from the TERMINAL Console

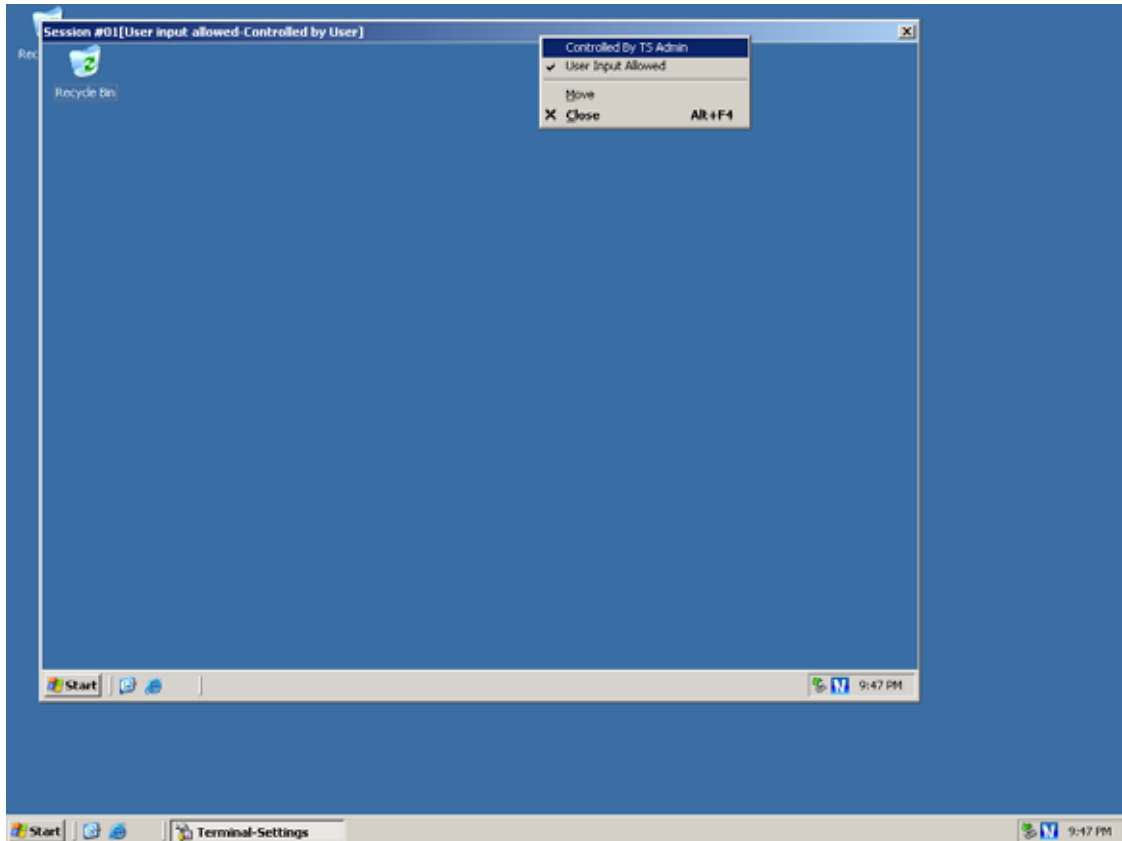
1. Click “Software Settings (local)” menu from TERMINAL Console.
2. Click “Sessions” then select the target station
3. Click “View Screen” for monitoring NETWORK TERMINAL(s). (Or click “View icon” from console menu bar)



3.6 NETWORK TERMINAL(s) Management

Introducing Management setup

1. Click the right mouse button on the menu bar or selected user form view screen.
2. Click “Controlled By TS Admin” to control NETWORK TERMINAL screen. (“User Input Allowed” menu is used to allow NETWORK TERMINAL user to control the main screen)



Note

Depending on the model, your NETWORK TERMINAL's functions may look slightly different than those from this TERMINAL user's guide.

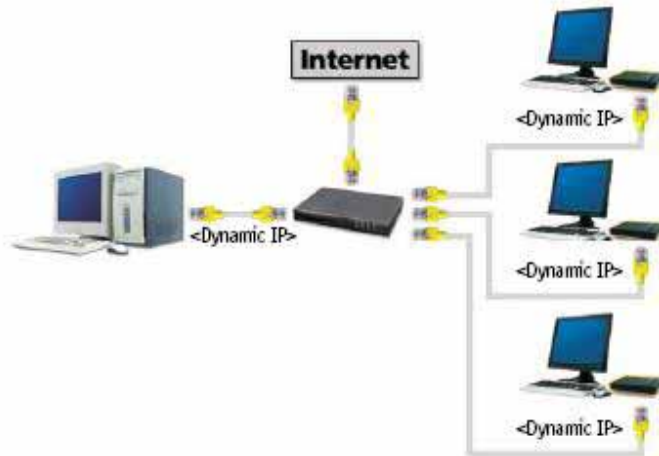
4. FAQ

Q How do I connect the NETWORK TERMINAL directly to the Host PC?

A Use a crossover adapter to connect the NETWORK TERMINAL to the Host PC. If you use a crossover cable to connect to the Host PC, you do not need a crossover adapter. You can only directly connect one NETWORK TERMINAL to a Host PC by using a LAN adapter. To connect several NETWORK TERMINALS you need to install as many LAN adapters equal to the number of NETWORK TERMINAL(s) that will be connected to the Host PC.

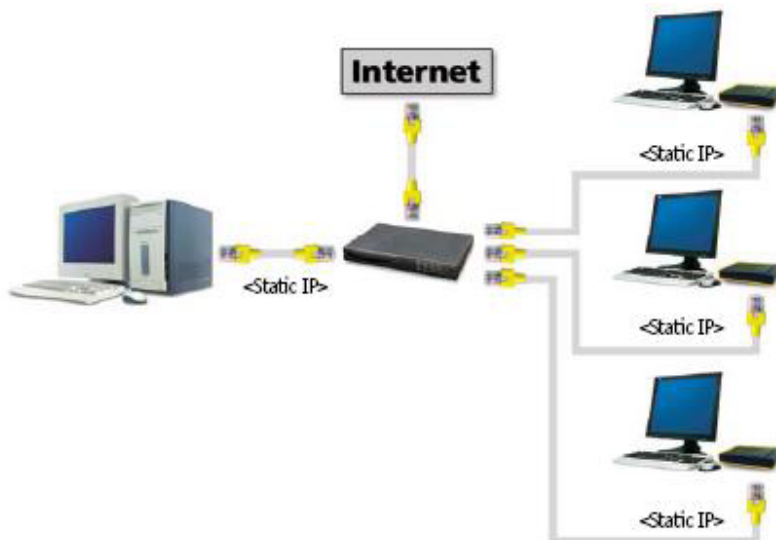
Q How do I use a dynamic IP address when the Host PC is connected to a router?

A A router allocates the IP address dynamically to the Host PCs and NETWORK TERMINAL(s). Users do not need to set the IP address. Set the network configuration to dynamic IP address in the set up window.



Q If a router/hub is connected to the Host PC, how do I connect an NETWORK TERMINAL to the Host PC with a static IP address?

A You have to allocate the static IP address of the Host PC and the NETWORK TERMINAL to NETWORK TERMINAL(s) through a router/hub. (Contact your network manager to get the static IP address of the Host PC)



Q I am not connected and a screen displays the “DHCP server was not found” message.

A NETWORK TERMINAL is set to get the IP address dynamically. If you enter the setup screen of the NETWORK TERMINAL by pressing “Setup”, you can check in the “ Network” tab and make sure that the “Get Dynamic IP Address” option is selected. To use this option the router has to have DHCP server functionality activated. If you do not have a router, you have to install a Host PC that can allocate the DHCP addresses on your network.. When you connect the NETWORK TERMINAL directly to a Host PC, you can not use this option. In this case, select “Use Static IP address” and input IP address. Using IP router, check whether the DHCP function is activated, power is on, and LAN cable is connected.

Turn off the NETWORK TERMINAL and wait several seconds, and then turn it back on.

If you use a firewall program and certain outer protocols are blocked, you might not be able to connect to the NETWORK TERMINAL.

Q When I am connected to the Host PC by pressing the Connect button, the “Host unreachable...” message appears and I can’t connect.

A If there are no PCs on a network, this message appears. Check whether the Host PC is turned on. If it is turned on, check whether the IP address of Host PC and the Terminal server IP address of NETWORK TERMINAL are the same. You can check the IP address of the Host PC by running the ipconfig.exe command in the command line of the DOS prompt. (For more information, refer to page 2-13) Also, check the LAN cable connection. If you are using a hub or a router, check whether the hub or router is turned on and check the LAN cable connection. If the NETWORK TERMINAL is directly connected to a Host PC and there is no problem with the network connection, refer to the following steps:

1. Click “Start” and click “Control Panel”.
2. Double click the “Network Connections” icon.
3. Right click the “Local Area Connection” icon and click “ Properties”.
4. Select the “Advanced” tab.

5. If the “Internet Connection Firewall” option is checked, click the “Settings”.
6. Remove the check for the “Remote Desktop” option in the “Advanced” tab of the “Advanced Settings” window.
 - ⌚ If you use a certain firewall program that blocks the outer connection, you can’t use your NETWORK TERMINAL.
 - ⌚ Turn off the NETWORK TERMINAL and wait several seconds, and then turn it on.
 - ⌚ Check to make sure that any third party Antivirus, Firewall, or security related programs do not interfere with our software. Please disable these programs before the initial setup.

Q My mouse works but all of the other devices do not function properly. The TERMINAL Console shows the station is operating well.

A This phenomenon occurs when the LAN cable is unplugged by accident or the router or switch is shut down. In this status, the controller of NETWORK TERMINAL operates the mouse, so you feel as if the station is running. By the unstable power supplied to device is not stable or other reasons, this phenomenon occurs also.

Please check:

- ⌚ Connection of the LAN cable.
- ⌚ Operating status of the network device such as a router or switch.
- ⌚ Stability of the power. (You can prevent by using UPS)

Q Can I use NETWORK TERMINAL on an old dummy hub or Network Device?

A Our product is designed for 100 Mbps switches or routers. It does not support 10Mbps network devices.

This product is strongly recommended for 100 Base-TX fast Ethernet network devices only.

Q What games can I play?

A You can run only 2D games and Internet casual games such as a java and flash type.

Refer to the list below for what is not supported through NETWORK TERMINAL:

- ⌚ 3D games that require GPU or hardware accelerator.
- ⌚ Single user game that requires the program CD.
- ⌚ Runs at only one registered PC and checks the IP address of the system.

Q I can’t play the video in full screen mode with the NETWORK TERMINAL.

A Our product shares the resources of the Host PC, so the memory and Host PC resources is limited and the performance speed is dependant on the Host PC’s specification. Playing the video in full screen mode takes a lot of system resources. We recommend playing the video in an appropriate screen size that does not reduce the system speed.

NETWORK TERMINAL is designed to run applications at the office such as a surfing the Internet, word processing, or working with spreadsheets.

Q Will this work in Windows®98?

A NETWORK TERMINAL supports Windows®2000 Professional, Windows® XP Home Edition, Windows® XP Professional, Windows®2000 Server and Windows® Server 2003 (Standard Edition/Enterprise Edition). For supporting other OS, needs special technical support and cost.

Q I can't connect the NETWORK TERMINAL to the Host PC anymore.

A After you install patch files from Windows update, this can occur. Please uninstall the patch files or download and install the updated NETWORK TERMINAL software from our FTP site. It might take some time for us to upload the updated software.

Q I want to upgrade the speed of the NETWORK TERMINAL.

A Refer to the below items for an increase in the speed:

- ⌚ Use a CPU which utilizes Hyper-Threading technologies and large L2 Cache memory size.
- ⌚ Install more RAM.
- ⌚ Purchase a new hard disk drive with faster access speeds. (fast rpm)
- ⌚ Add more LAN adapters when multiple NETWORK TERMINAL are connected through the switch.
- ⌚ Reduce the number of NETWORK TERMINAL to Host PC by adding more Host PC to connect.

Q In NETWORK TERMINAL, message of “No Terminal Server found or not all services initialized yet, please click on the connection list and try it again.” appears.

A This message appears when there exists no Host PC with NCE-2000-XP installed in the network currently connected. Check if TERMINAL is installed in Host PC or Host PC with TERMINAL installed is connected to the network.

Q When “Connect” is clicked in NETWORK TERMINAL, “TS ERROR-INVALID OR NO SERIAL NUMBER” message appears and no connection is made.

A This message appears when there is no serial number in the Host PC that NETWORK TERMINAL is trying to connect to. To be connected to NETWORK TERMINAL, serial number should be registered in the NC-2000-XP console of the Host PC. Serial number can be found under the bottom of NETWORK TERMINAL purchased.

Q Connection stops while using NETWORK TERMINAL and message of “Connection was closed but your data is not lost and applications still run at server side. Please connect Terminal Server later” appears.

A This message appears when connection stops due to problems or abnormality occurred in Host PC or network equipment. Check Host PC or network equipment when this message appears and restart after turning off the power of Host NETWORK TERMINAL. Unless Host PC is rebooted, existing data in the Host PC may be used as is.

Q NETWORK TERMINAL can not be connected even after program installation.

A This can happen in one of the following cases.

- ⌚ LAN cable is not connected to the Host PC with program installed. Connect LAN cable to Host PC.
- ⌚ LAN cable is not connected to NETWORK TERMINAL Connect LAN cable to NETWORK TERMINAL.
- ⌚ LAN cables are connected to both Host PC and NETWORK TERMINAL Verify IP settings for both Host PC and NETWORK TERMINAL. (Refer to Network setting of the user's guide)

Q Connection stops after the message shown in the following figure appears.

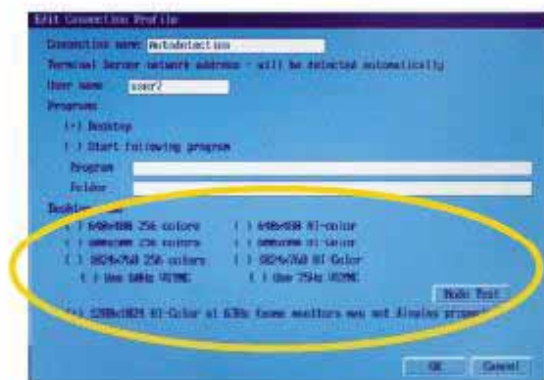
A MS Windows regularly checks for important updates and install them for you. If automatic update in the “Security Center” of “Control Panel” is selected, update will be automatically downloaded at selected day and time without asking user. This could happen since security update files are related with TERMINAL, and therefore, automatic update should not be selected by clicking “Notify me but don't automatically download or install them” instead. TERMINAL updates for new version within 3 to 7 days so that users do not have any problem in using NETWORK TERMINAL.

Q Status of serial number appears as “Expired” and NETWORK TERMINAL can not be connected.

A This happens when user changed Host PC's system date to the date earlier than the date TERMINAL is installed. Change Host PC's system date to the current date.

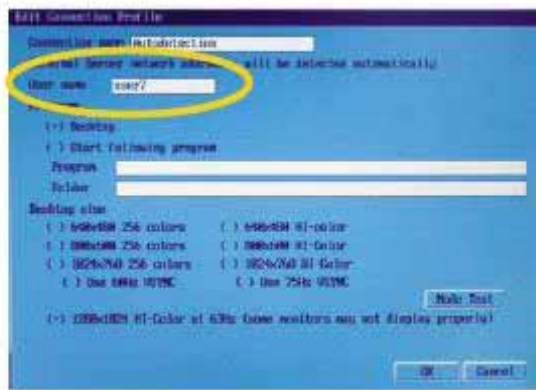
Q I have changed screen resolution setting in Windows, however, resolution changes after log off and on again.

A NETWORK TERMINAL itself has ability to set screen resolution. In the initial screen of NETWORK TERMINAL, select “Setup” “TS Options” “Edit” and screen same as the figure shown above appears.(resolution in the figure may vary depending on the product) Resolution selected in this way becomes the basis when logging on Windows and even if user sets different resolution in Windows, resolution set in YC-2000 will override when Windows is logoff and on again. Therefore, resolution user wants should be set in NETWORK TERMINAL. Click “Save” after selecting desired resolution.



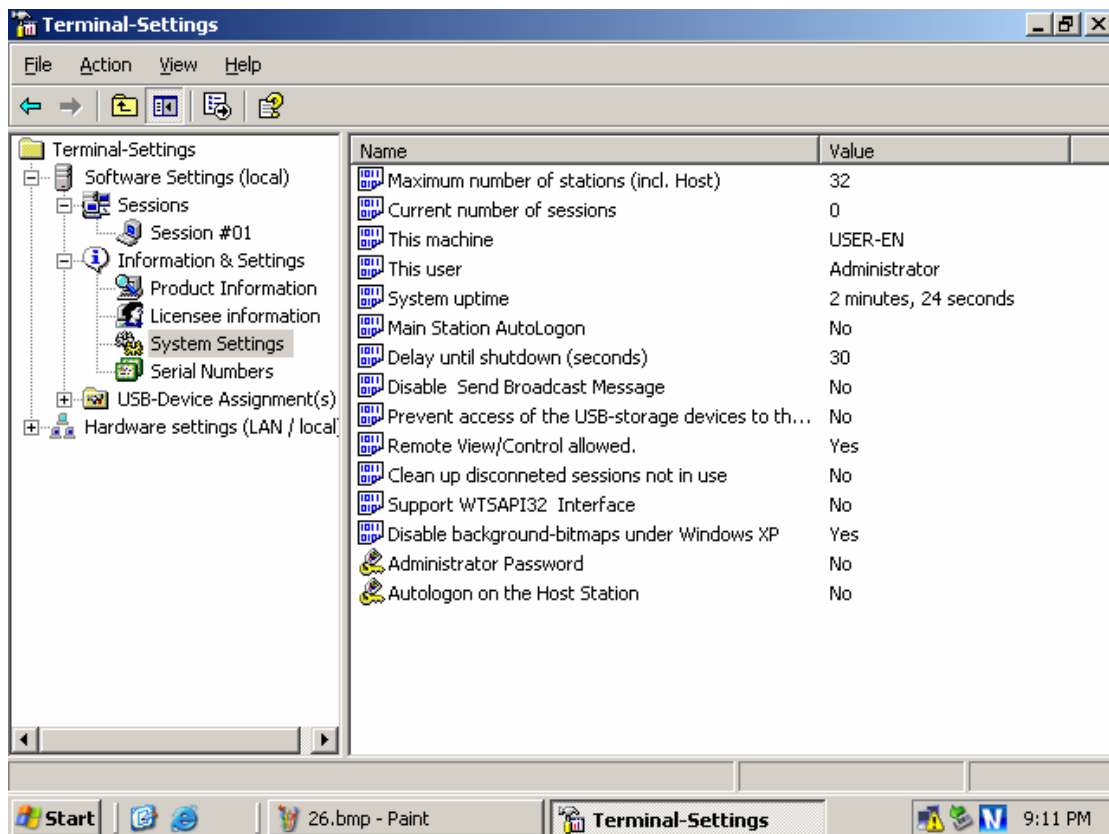
Q Can I have the user's name appear when logging on NETWORK TERMINAL?

A Yes, you can. In the initial screen of NETWORK TERMINAL, select “setup” “TS Options” “Edit” and screen same as the figure appears. Name same as the one entered in the “User name” will appear on Windows logon screen. Only English is supported and password can not be set on the Windows logon screen.



Q Desktop background selected in Windows disappears whenever NETWORK TERMINAL is logged on NETWORK TERMINAL?

A User has option to show or not to show the background selected in Windows. After executing TERMINAL, select “Software Setting (local)” “Information & Settings” “System Settings” and screen same as figure appears. Among many setting items on the right of the screen, note the item saying “Do not display Desktop Background”. Default setting is “Yes” which means Desktop Background selected in Windows will not be displayed when NETWORK TERMINAL is logged on. Double clicking this item will change the setting to “No” which means desktop background selected in Windows will be displayed.



Q USB storage device connected to Host PC can not be used in NETWORK TERMINAL.

A You must change the setting use USB storage device in NETWORK TERMINAL. After executing TERMINAL, select “Software Setting (local)” “Information & Settings” “System Settings” and screen same as figure appears. Among many setting items on the right of the screen, note the item saying “Prevent access to USB-storage devices at the terminal”. Default setting is “Yes”. Therefore, change the setting to “No” by double clicking this item if USB storage device is to be used in search after logged on to NETWORK TERMINAL.

