10ZiG Technology Ltd.

CE.NET Thin Client

Configuration Guide

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PRODUCT DESCRIPTION

The 10ZiG CE.NET Series of thin clients provides a powerful, simple, and affordable solution to desktop computing. The 10ZiG CE.NET Ethernet terminal offers the very best TN5250e and TN3270e emulation available for a LAN environment in a Windows-enabled text-based terminal.

10ZiG thin clients and terminals are simple to configure either locally or remotely using the remote terminal administrator, which enables the following tasks:

- •Complete terminal configuration from a central location, including terminal emulation settings
- •User lock-out from configuration changes, keeping the cost of ownership down
- •Shadowing of the user's desktop
- •Cloning of user environments
- •Control over which applicaications can be run on a particular terminal

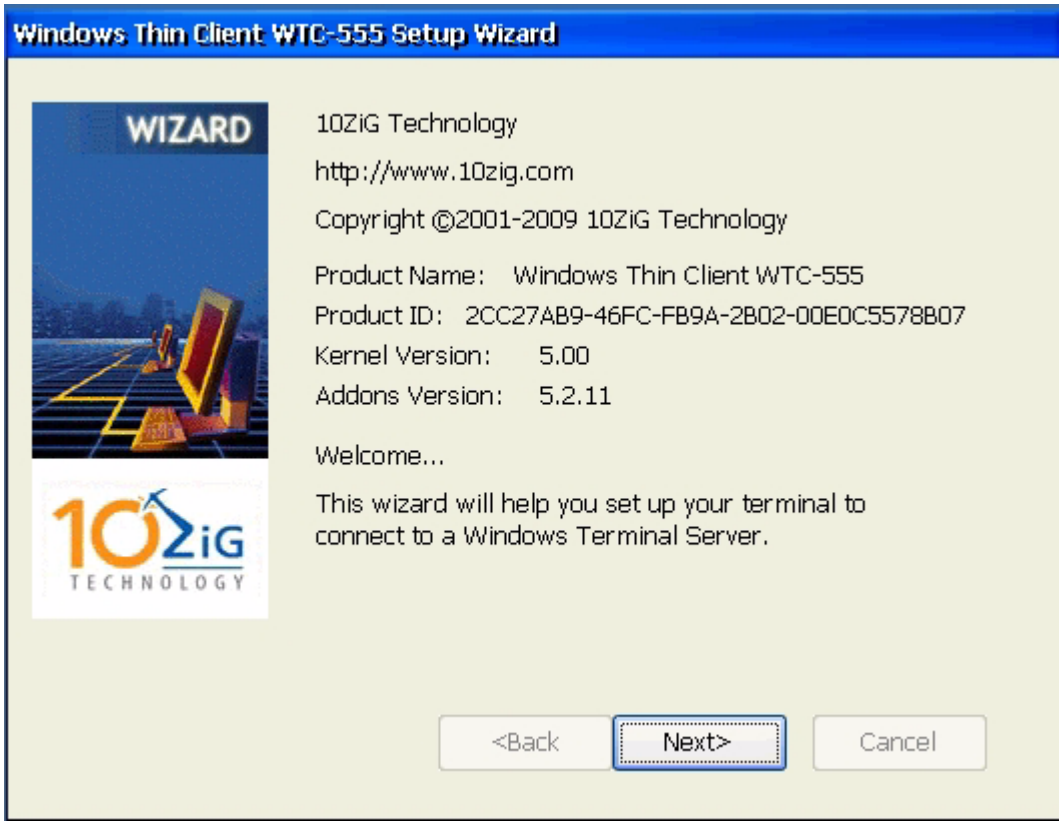
INTRODUCTION TO CONFIGURATION

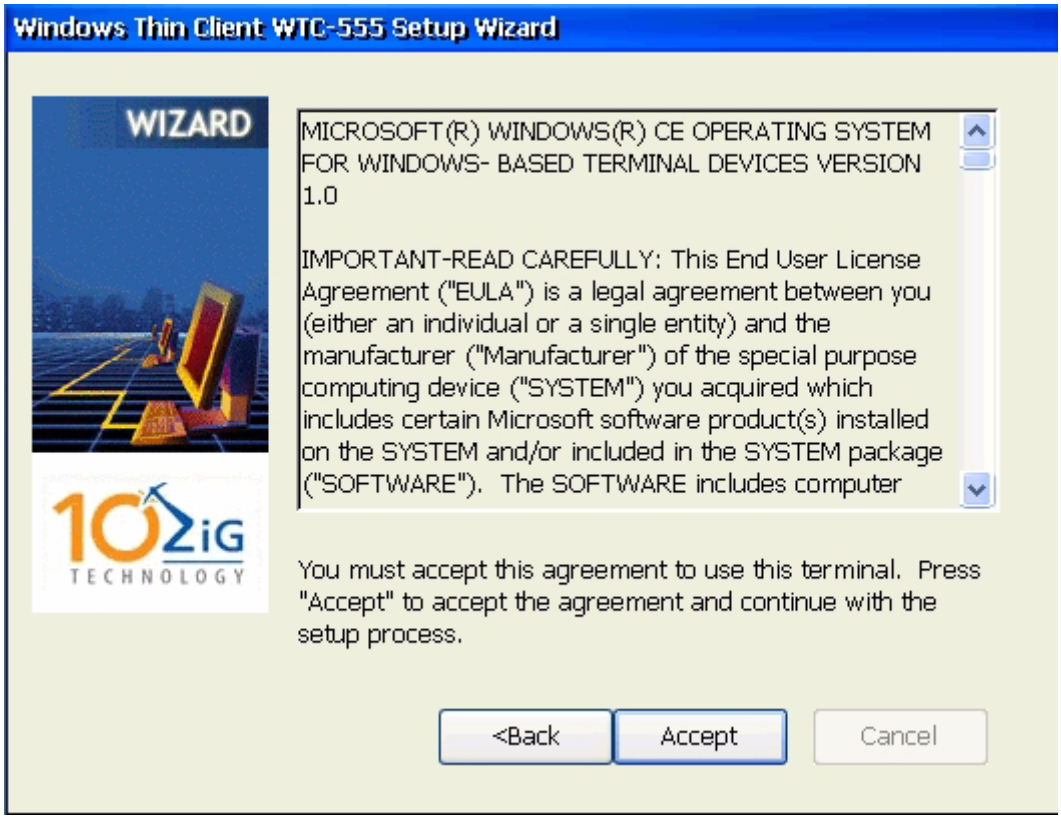
The 10ZiG CE.NET thin clients support two modes of operation:

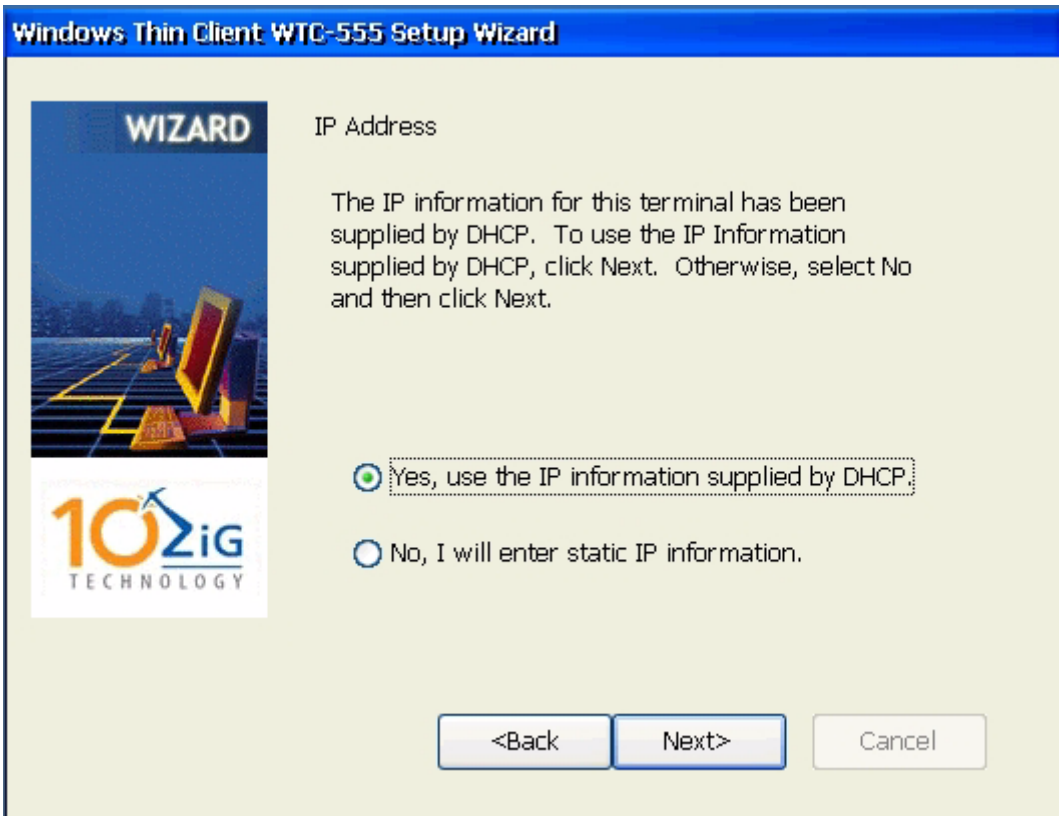
- •Desktop – Windows XP look & feel
- •WBT – Windows Based Terminal (task launcher)

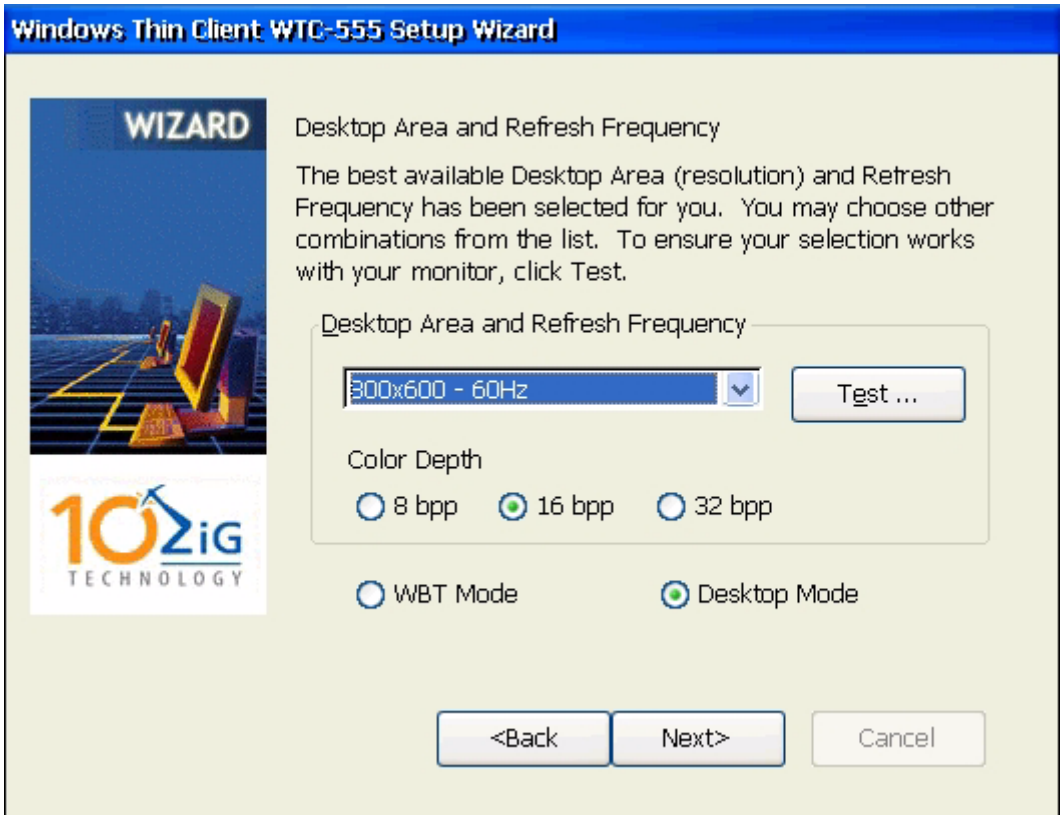
Configuring the CE.NET Thin Client

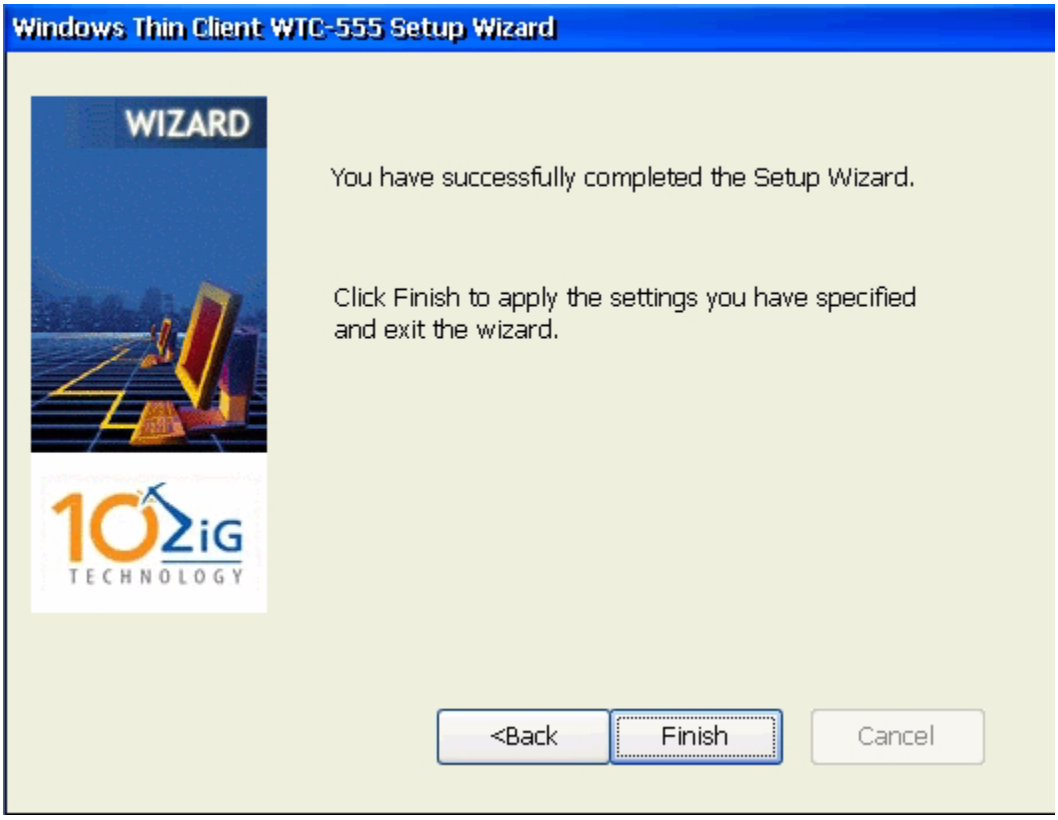
Upon first boot the wizard runs to set initial configuration

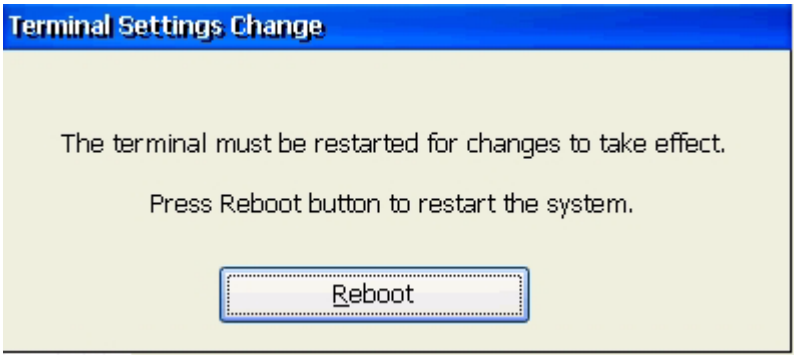

Windows Thin Client WTC-555 Setup Wizard
WIZARD
10ZiG Technology
http://www.10zig.com
Copyright ©2001-2009 10ZiG Technology
Product Name: Windows Thin Client WTC-555
Product ID: 2CC27AB9-46FC-FB9A-2B02-00E0C5578B07
Kernel Version: 5.00
Addons Version: 5.2.11
Welcome...
This wizard will help you set up your terminal to connect to a Windows Terminal Server.
<Back
Next>
Cancel


Windows Thin Client WTC-555 Setup Wizard
WIZARD
MICROSOFT(R) WINDOWS(R) CE OPERATING SYSTEM FOR WINDOWS- BASED TERMINAL DEVICES VERSION 1.0
IMPORTANT-READ CAREFULLY: This End User License Agreement ("EULA") is a legal agreement between you (either an individual or a single entity) and the manufacturer ("Manufacturer") of the special purpose computing device ("SYSTEM") you acquired which includes certain Microsoft software product(s) installed on the SYSTEM and/or included in the SYSTEM package ("SOFTWARE"). The SOFTWARE includes computer
You must accept this agreement to use this terminal. Press "Accept" to accept the agreement and continue with the setup process.
<Back
Accept
Cancel


Windows Thin Client WTC-555 Setup Wizard
WIZARD
IP Address
The IP information for this terminal has been supplied by DHCP. To use the IP Information supplied by DHCP, click Next. Otherwise, select No and then click Next.
Yes, use the IP information supplied by DHCP.
No, I will enter static IP information.
<Back
Next>
Cancel


Windows Thin Client WTC-555 Setup Wizard
WIZARD
Desktop Area and Refresh Frequency
The best available Desktop Area (resolution) and Refresh Frequency has been selected for you. You may choose other combinations from the list. To ensure your selection works with your monitor, click Test.
Desktop Area and Refresh Frequency
800x600 - 60Hz
Test ...
Color Depth
8 bpp
16 bpp
32 bpp
WBT Mode
Desktop Mode
<Back
Next>
Cancel


Windows Thin Client WTC-555 Setup Wizard
WIZARD
You have successfully completed the Setup Wizard.
Click Finish to apply the settings you have specified and exit the wizard.
<Back
Finish
Cancel


Terminal Settings Change
The terminal must be restarted for changes to take effect.
Press Reboot button to restart the system.
Reboot

Terminal Properties

Once the configuration wizard has finished, the terminal will reboot. The configuration of 10ZiG CE.NET Thin Client terminal is accomplished by launching the Terminal Configuration Utility from the main toolbar by selecting Start-Settings Control Panel.

The Terminal Configuration Utility is divided into a number of functionally distinct tab pages as described in the following pages.

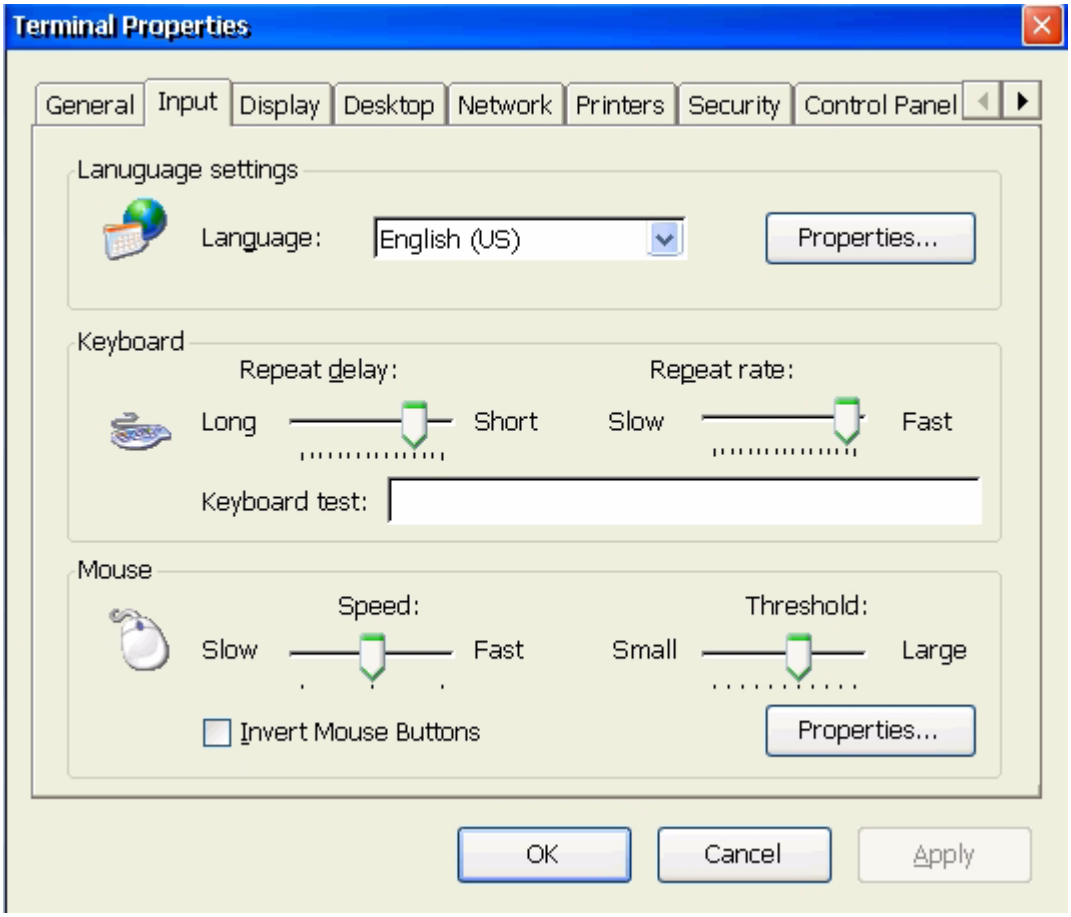
Terminal Properties – General Tab

The **General** page displays the firmware revision as well as the Thin Client hardware configuration.

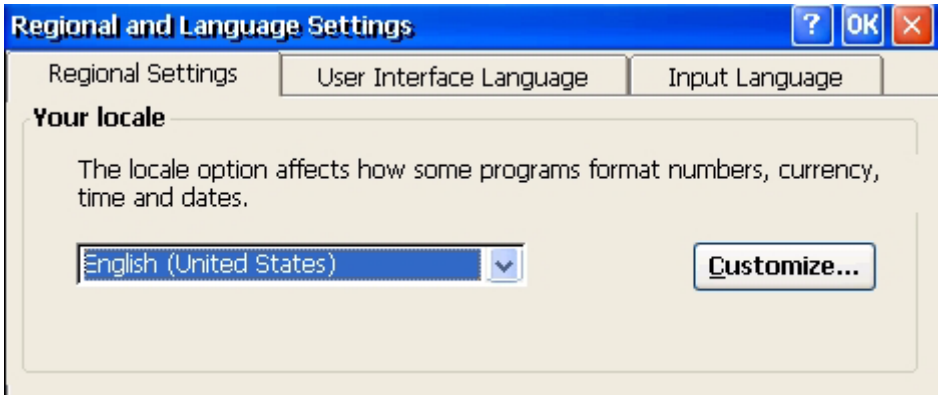
Checking the **Restore the terminal parameters to factory default** will reset all terminal parameters to the default state. Upon rebooting the terminal the Terminal Configuration Setup Wizard will appear. Factory defaults can also be reset from the remote terminal manager by right clicking on the unit and selecting Special Functions - Factory Default.

Terminal Properties – Input Tab

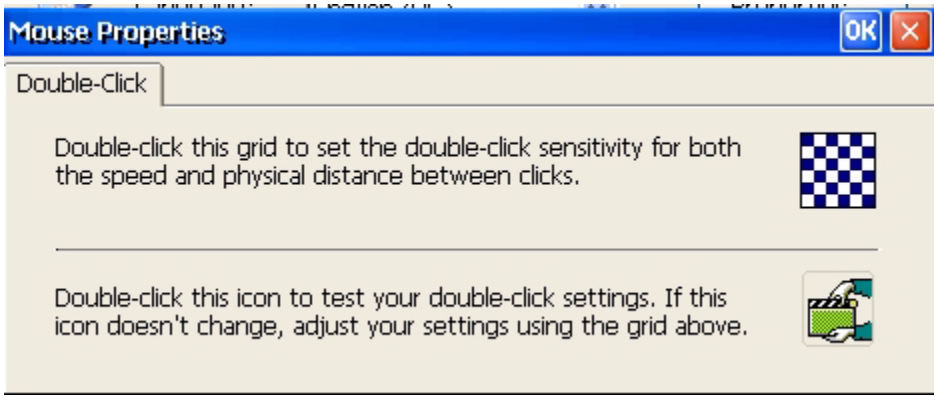
The Input configuration page allows the user to set the default keyboard layout, the mouse type, and the default language for the terminal as shown in images below.



Options for Keyboard Layout:



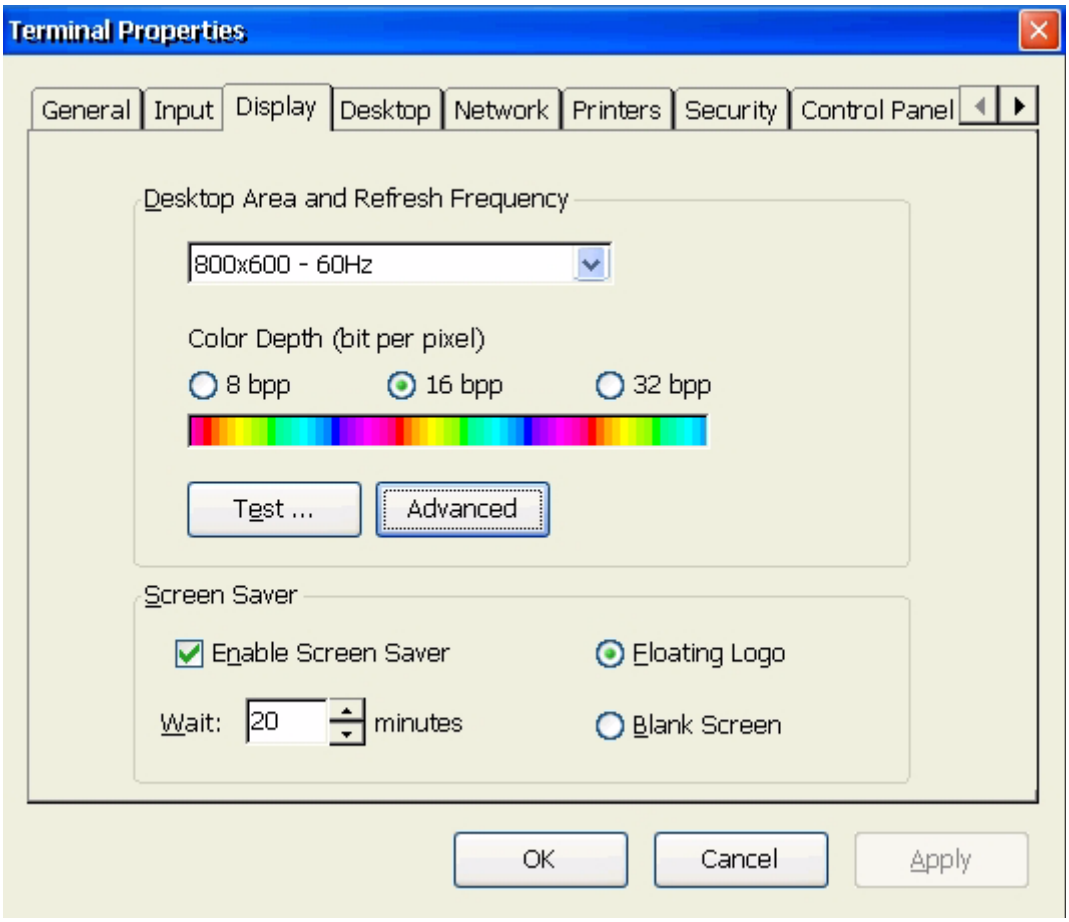
Mouse Properties:



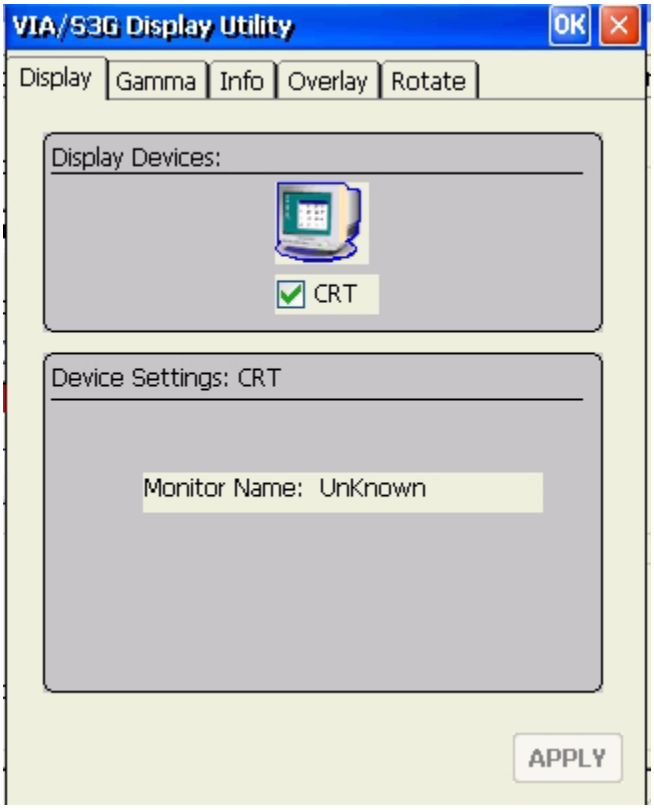
Terminal Properties – Display Tab

The Display configuration page allows the user to control the parameters of the video display. The Video Resolution drop down box displays the available resolutions and frequencies for the video adapter.

The Screen Saver option controls the mode of the screen saver.



Display Advanced Options:



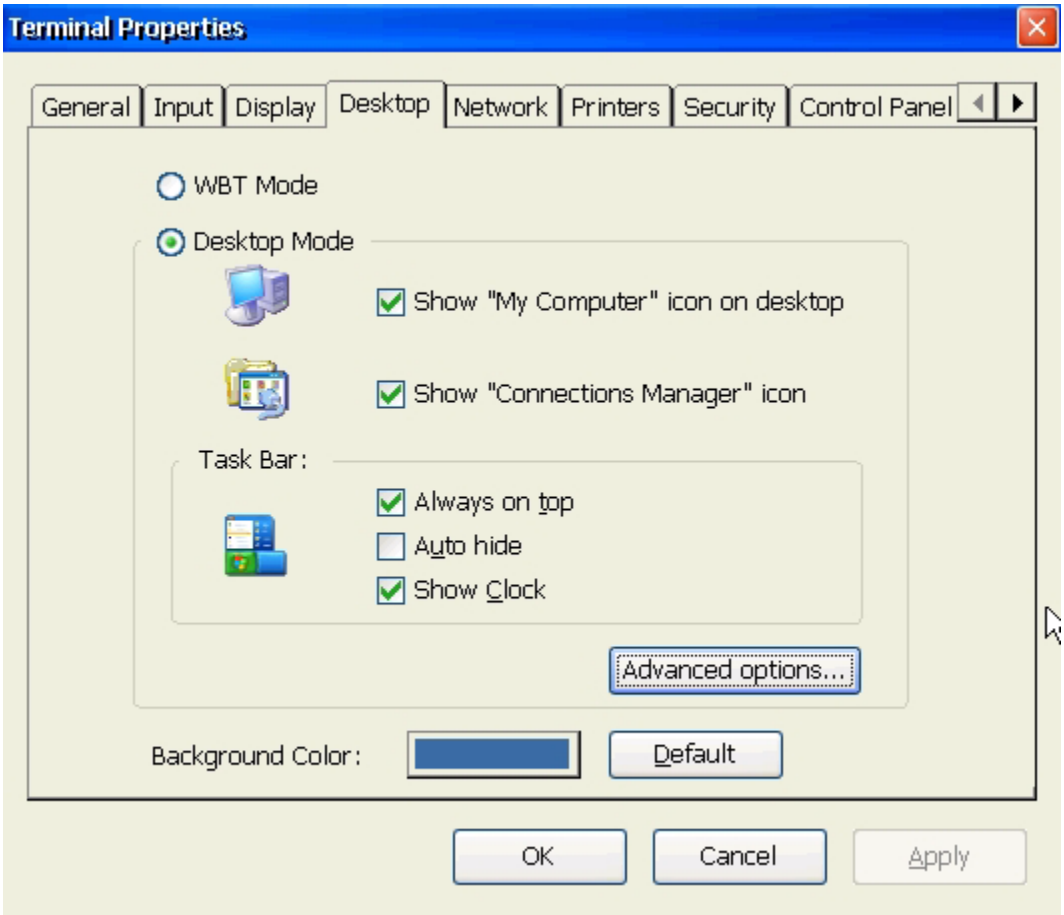
Terminal Properties – Desktop Tab

The Desktop configuration controls the layout and scheme for the user's desktop. There are two modes for the Window Manager, the WBT mode and the Desktop mode. The WBT, or Windows Based Terminal mode, only allows the user to launch predefined applications; these applications may include RDP, browser, ICA, or emulation sessions. The Desktop mode is similar to a traditional desktop on a Windows based system; this mode provides a task bar, and a start menu similar to Windows 2000. All available programs loaded on the terminal are present on the start menu in this mode. Once the configuration is complete, unused programs can be hidden using the Security Tab.

The WBT mode is suited for environments where administrators need to limit the flexibility of the user interface.

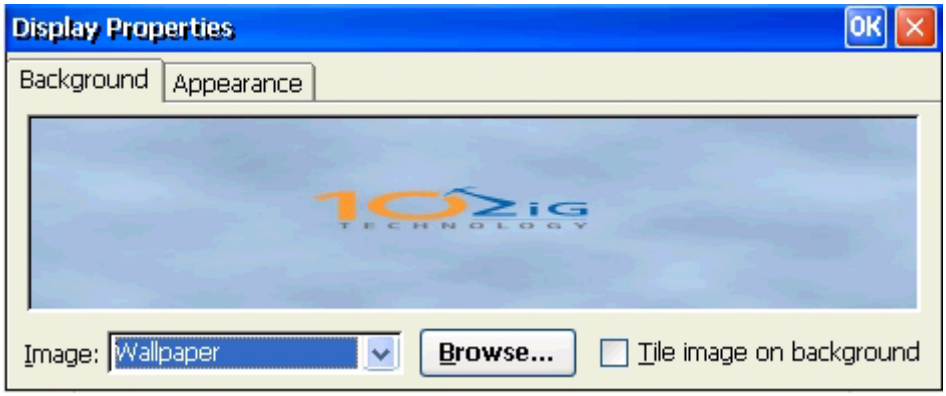
In the Desktop mode, there are a few features shown on the task bar which may be enabled or disabled and desktop mode will give the most control in the look and feel of your desktop.

The Desktop color option controls the color of the desktop background.

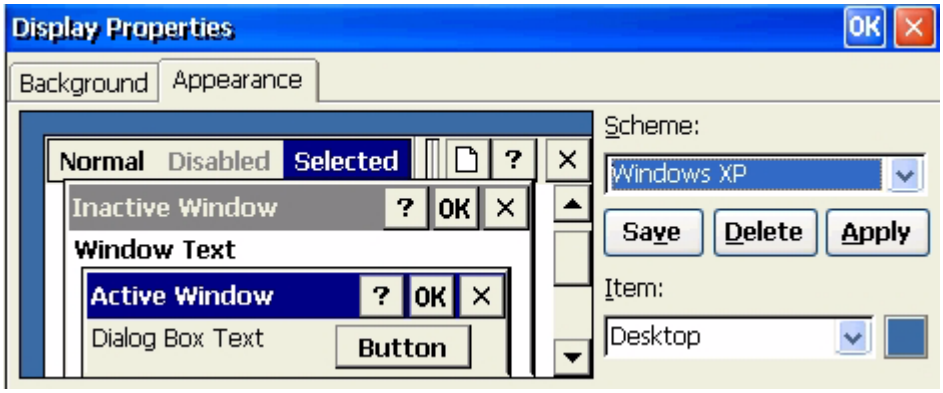


Advanced Options:

Background

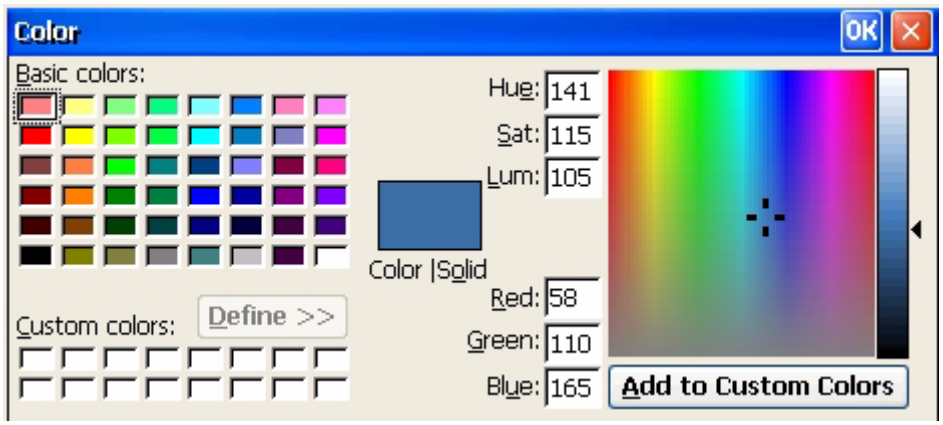


Appearance



Selecting Background Color:

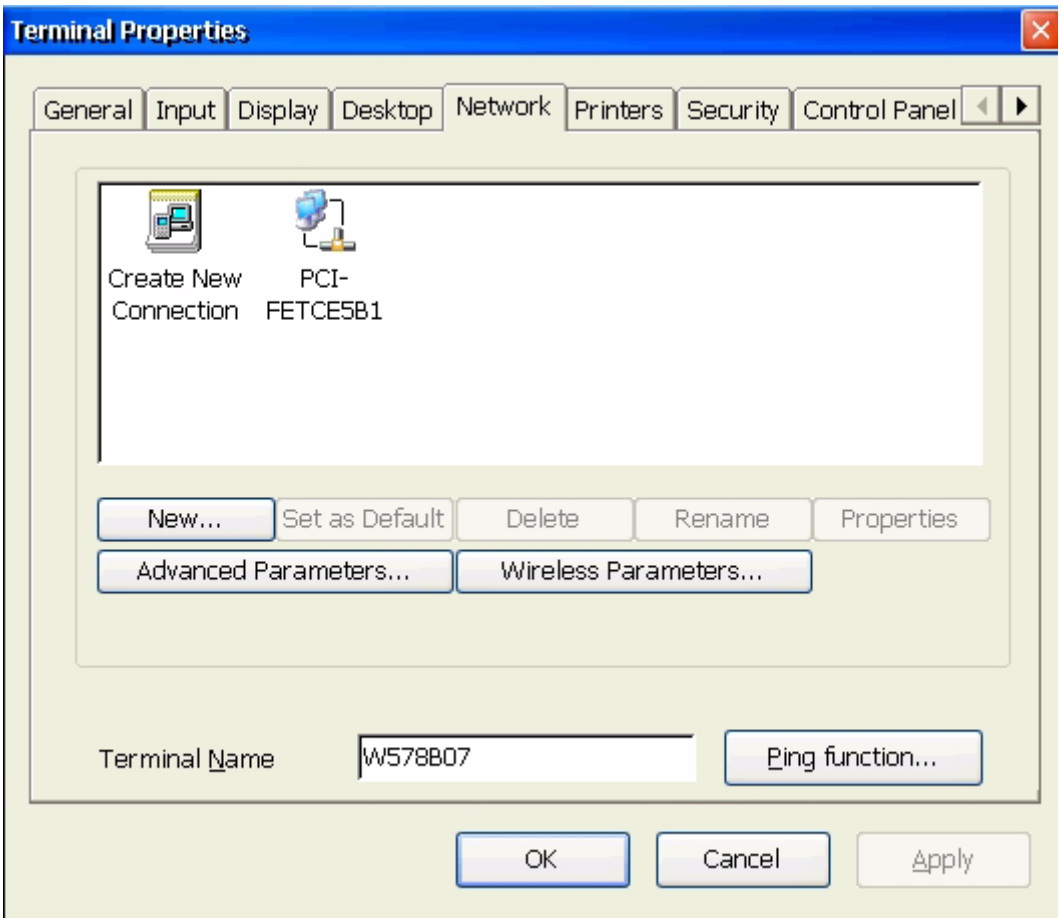
To change the desktop color, click on the Background Color box and a grid of colors is presented. Click on the desired color change.



Terminal Properties – Network Tab

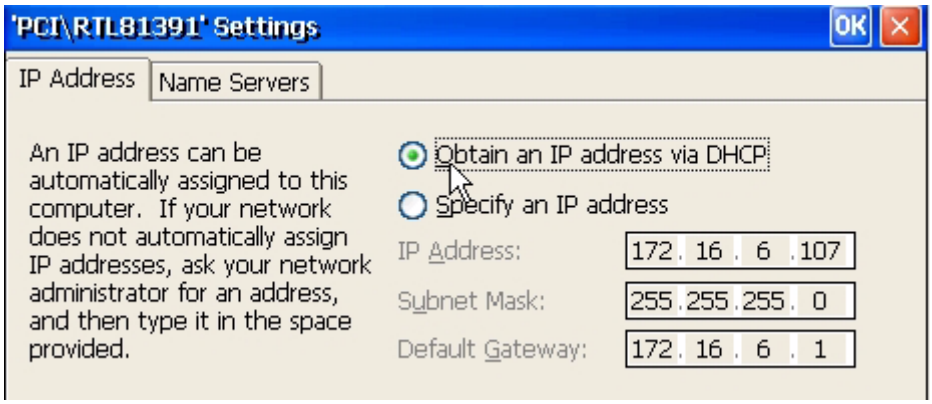
The Network Configuration page allows the user to set the network specific parameters of the Thin Client. If you have a DHCP server on your network, select the **Obtain IP address from a DHCP server** option; this allows the network configuration to be performed automatically by a DHCP server resident on your LAN. The information typically provided by the DHCP server includes the IP address and gateway.

The terminal name can be changed by modifying the Terminal Name field.

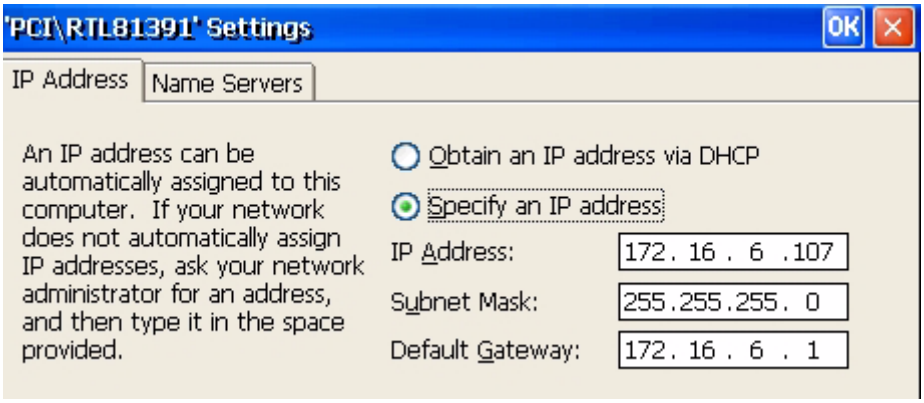


To change the NIC Properties, highlight the Connection and select Properties:

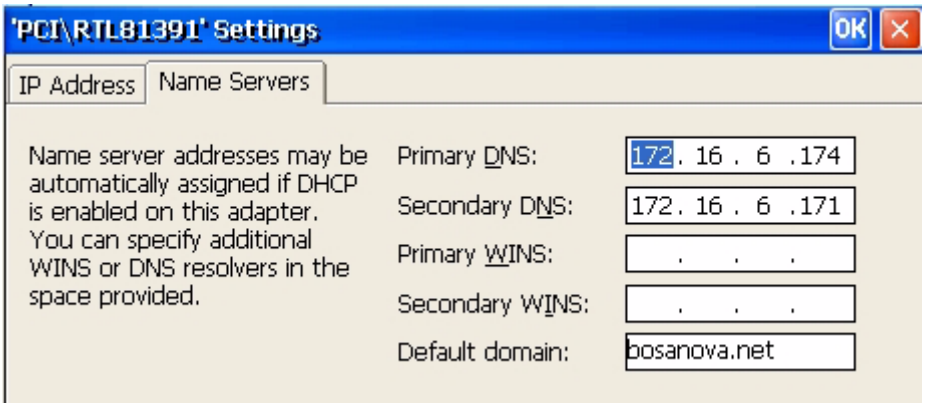
The default is to Obtain an IP address via DHCP:



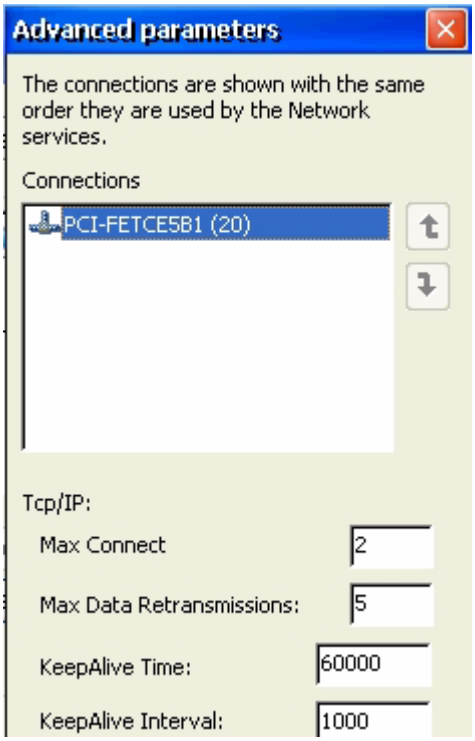
If you do not have a DHCP server on the network, the IP address and gateway must be set manually.



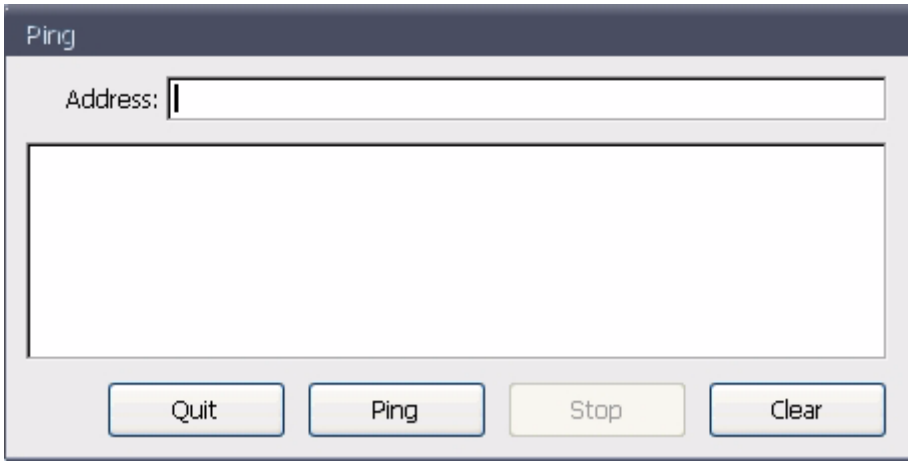
Name Servers tab allows for setting the DNS server to enable the browser to resolve host addresses. This most likely would be used only when you set the IP address manually.

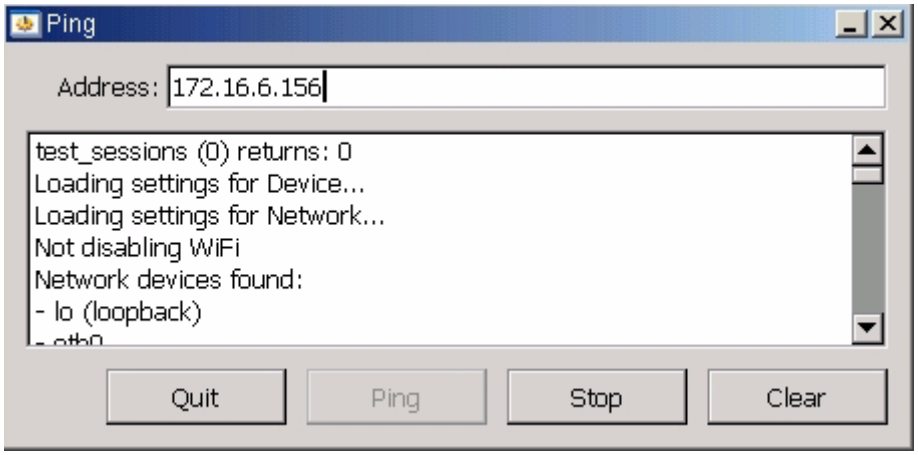


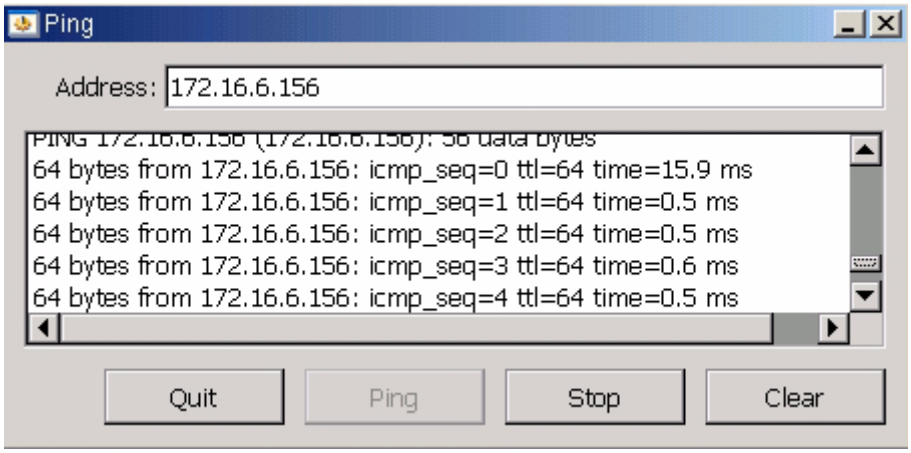
Advanced Parameters Option:



The Ping Function may be used to ping other terminals or servers on the network to verify the network connection.



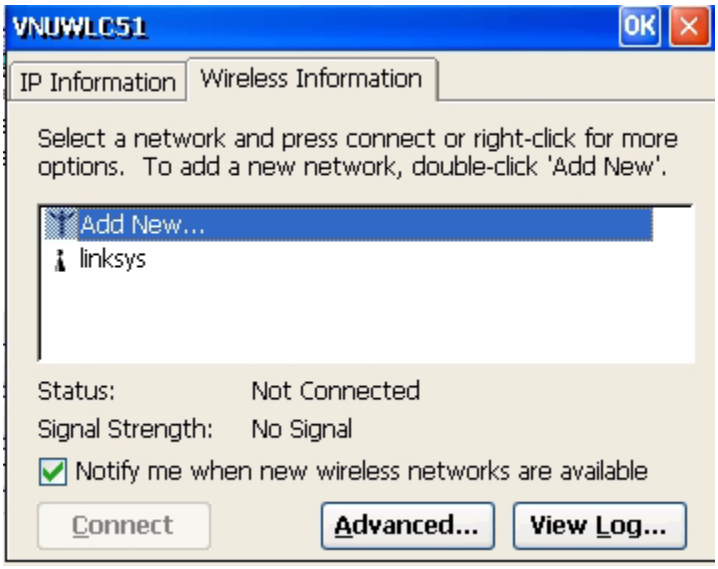

Ping
Address: 172.16.6.156
test_sessions (0) returns: 0
Loading settings for Device...
Loading settings for Network...
Not disabling WiFi
Network devices found:
- lo (loopbback)
Quit
Ping
Stop
Clear


Ping
Address: 172.16.6.156
64 bytes from 172.16.6.156: icmp_seq=0 ttl=64 time=15.9 ms
64 bytes from 172.16.6.156: icmp_seq=1 ttl=64 time=0.5 ms
64 bytes from 172.16.6.156: icmp_seq=2 ttl=64 time=0.5 ms
64 bytes from 172.16.6.156: icmp_seq=3 ttl=64 time=0.6 ms
64 bytes from 172.16.6.156: icmp_seq=4 ttl=64 time=0.5 ms
Quit
Ping
Stop
Clear

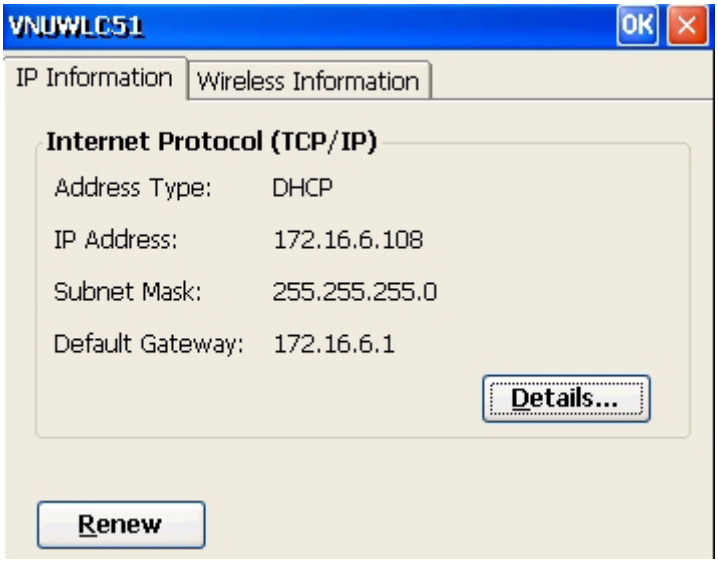
Configure Wireless NIC

The unit will automatically recognize the wireless card and detect any wireless networks available and present the screen below.

NOTE: CE.NET units only support one wireless card which is supplied by 10ZiG.



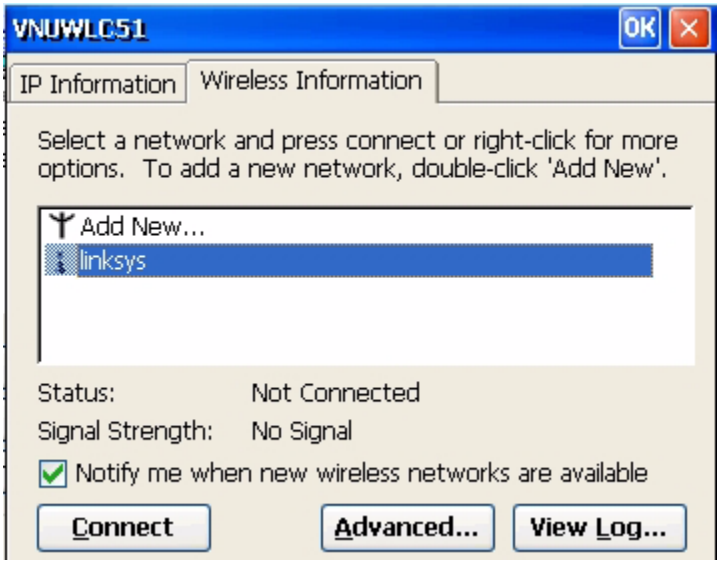
IP Information Tab



Advanced:

View Log

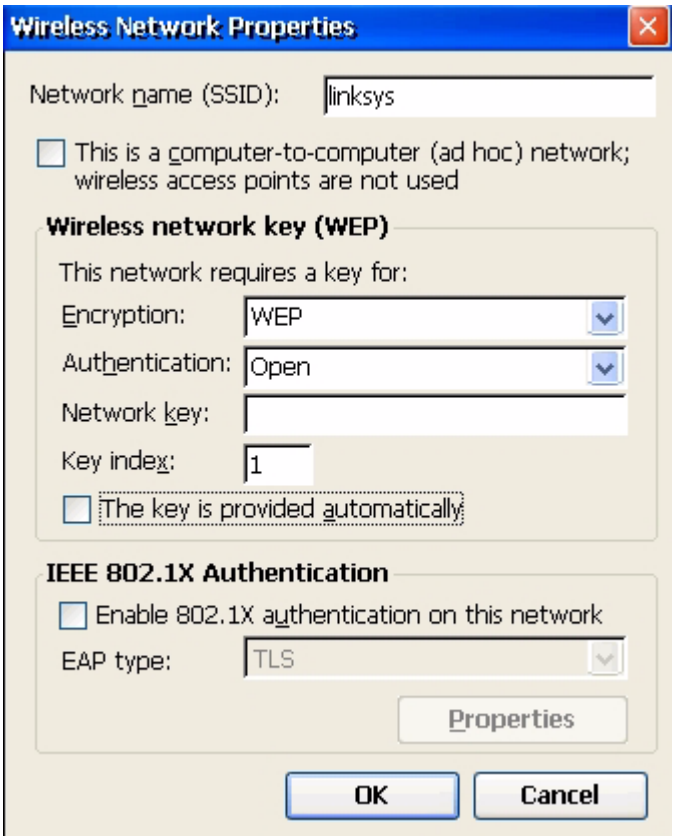
Highlight the wireless connection and select Connect

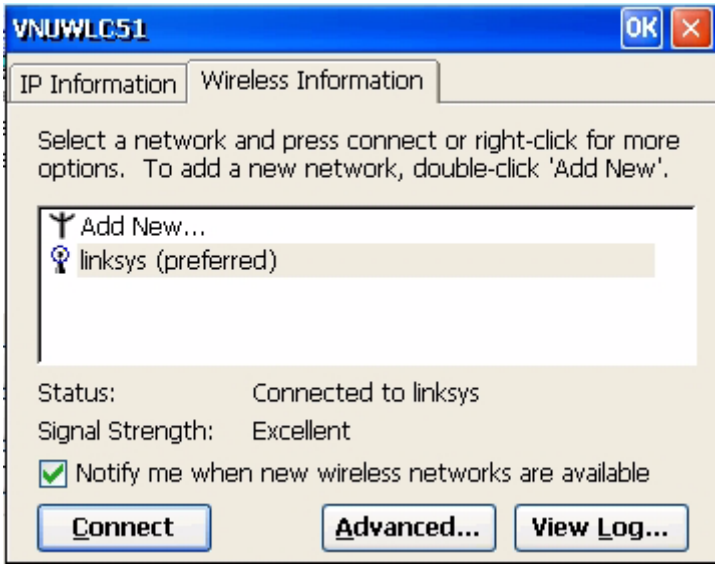


Complete wireless network parameters:

Enter the Network Name (SSID)

To use WEP - Check to Enable Crypting and select the WEP Encryption. Enter the Hex or ASCII Key configured in the wireless router.





Once configured correctly and connected to the network the status will show Connected and the signal strength will show.

Terminal Properties - Printers Tab

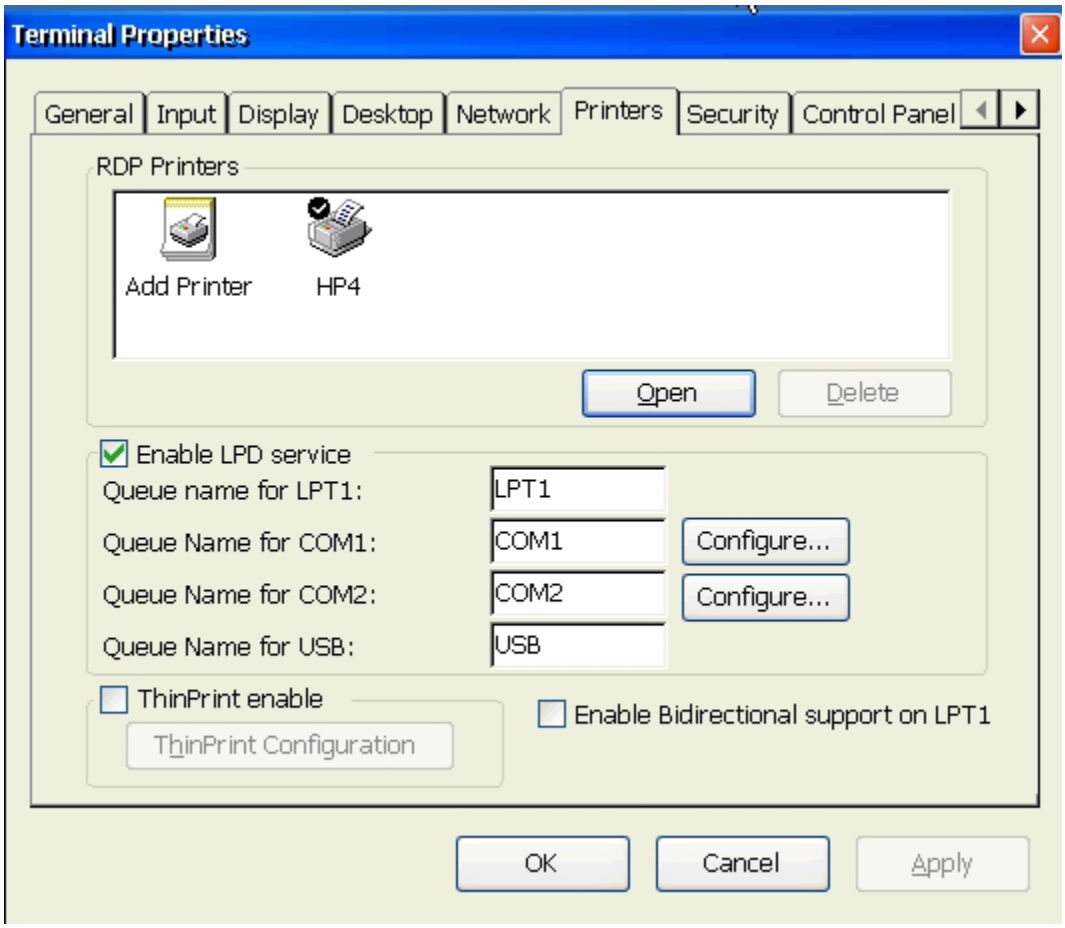
The Printer configuration allows you to configure the printing functions of the Thin Client terminal.

The Enable LPD printing option enables LPD printing for the terminal on the specified device. This allows the terminal to function as a print server. LPD is required for CE.net to connect to the CE.net's printer(s) and for the CE.net terminal to print to an attached printer. By selecting the **Share local attached printers using LPD** the CE.NET becomes a printer server.

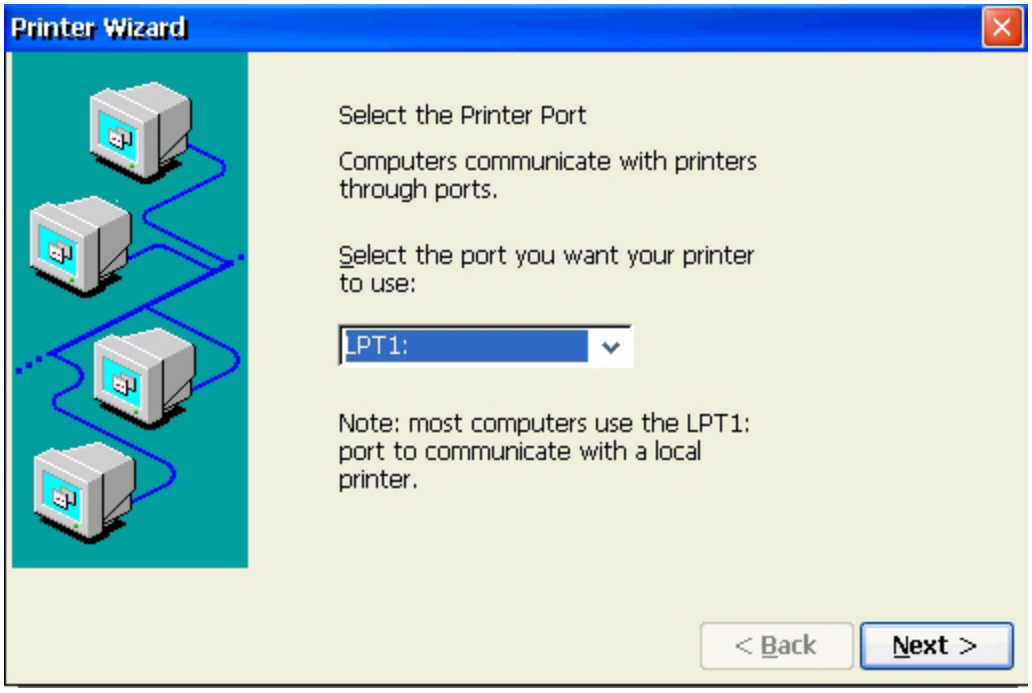
The Enable Thin Print Client option enables the Thin Print Client printing on the specified device.

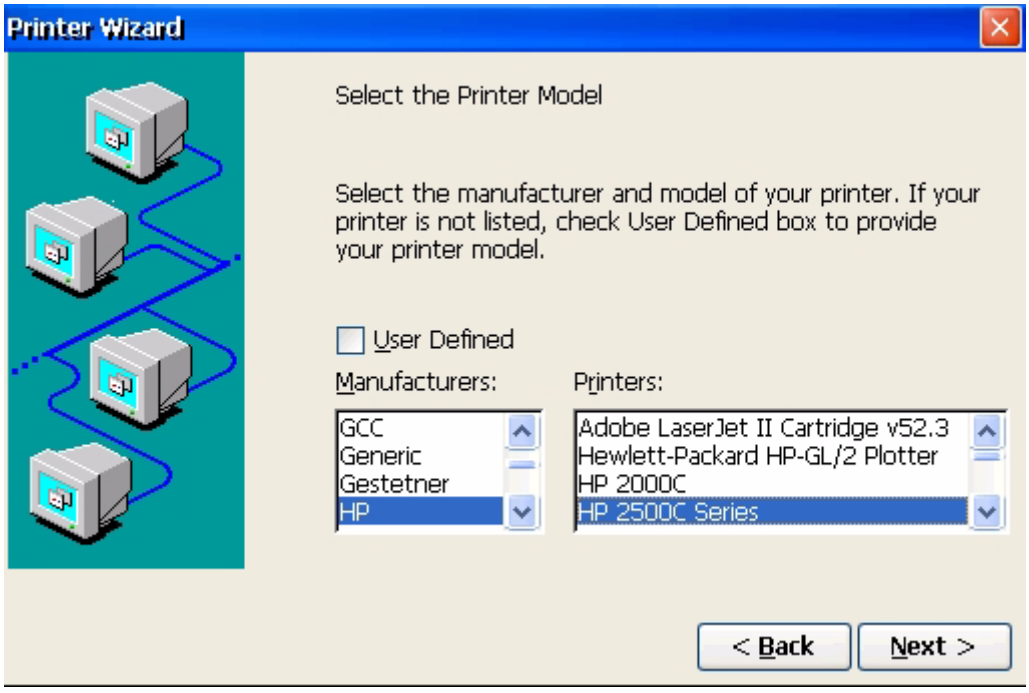
Parallel Attached Printer:

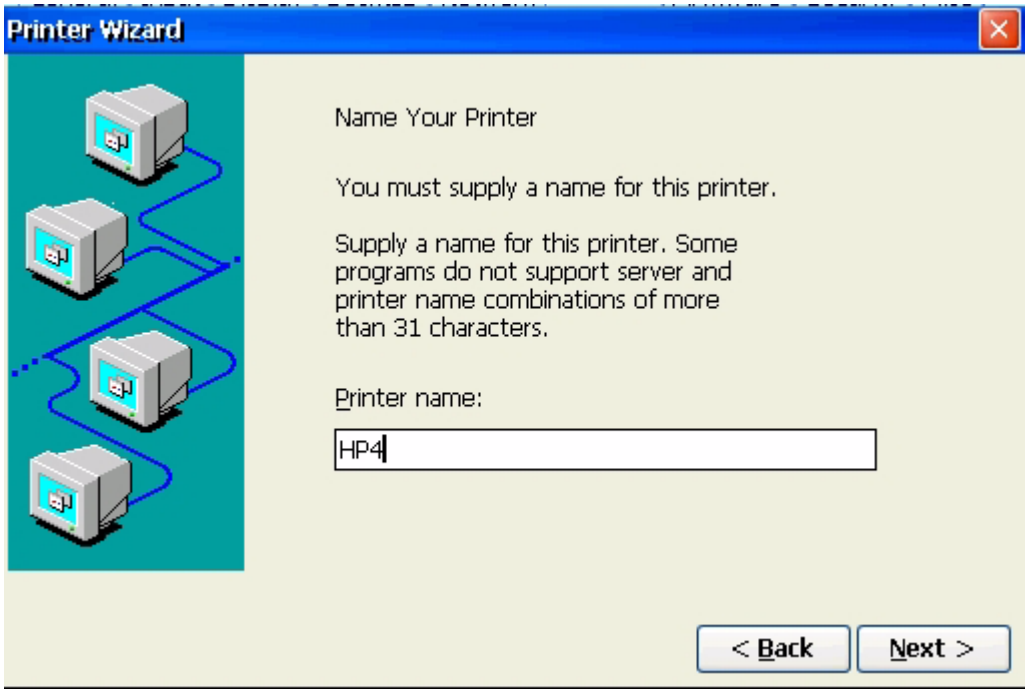
Not available on all units. For a parallel attached printer, check Enable LPD server and enter a queue name for LPT1 then select Add Printer..

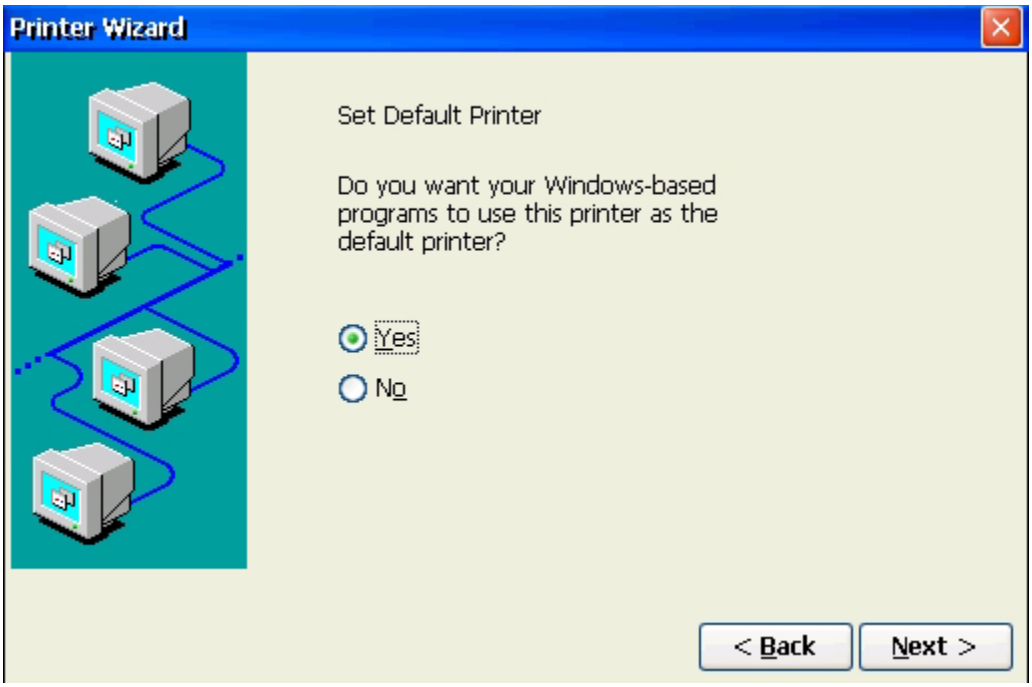


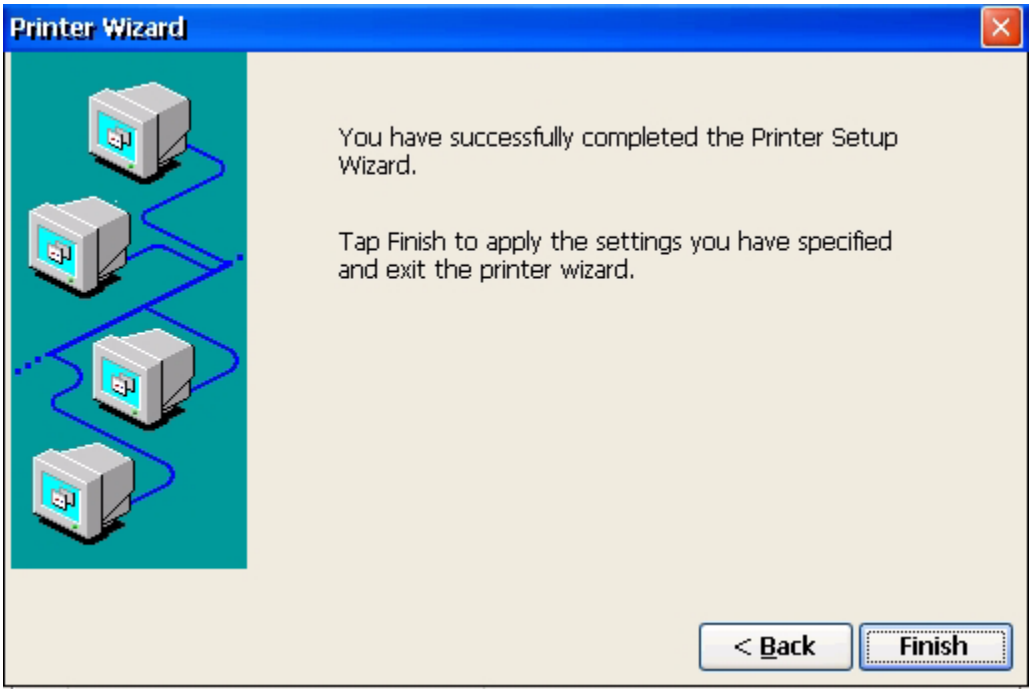
Printer Wizard:

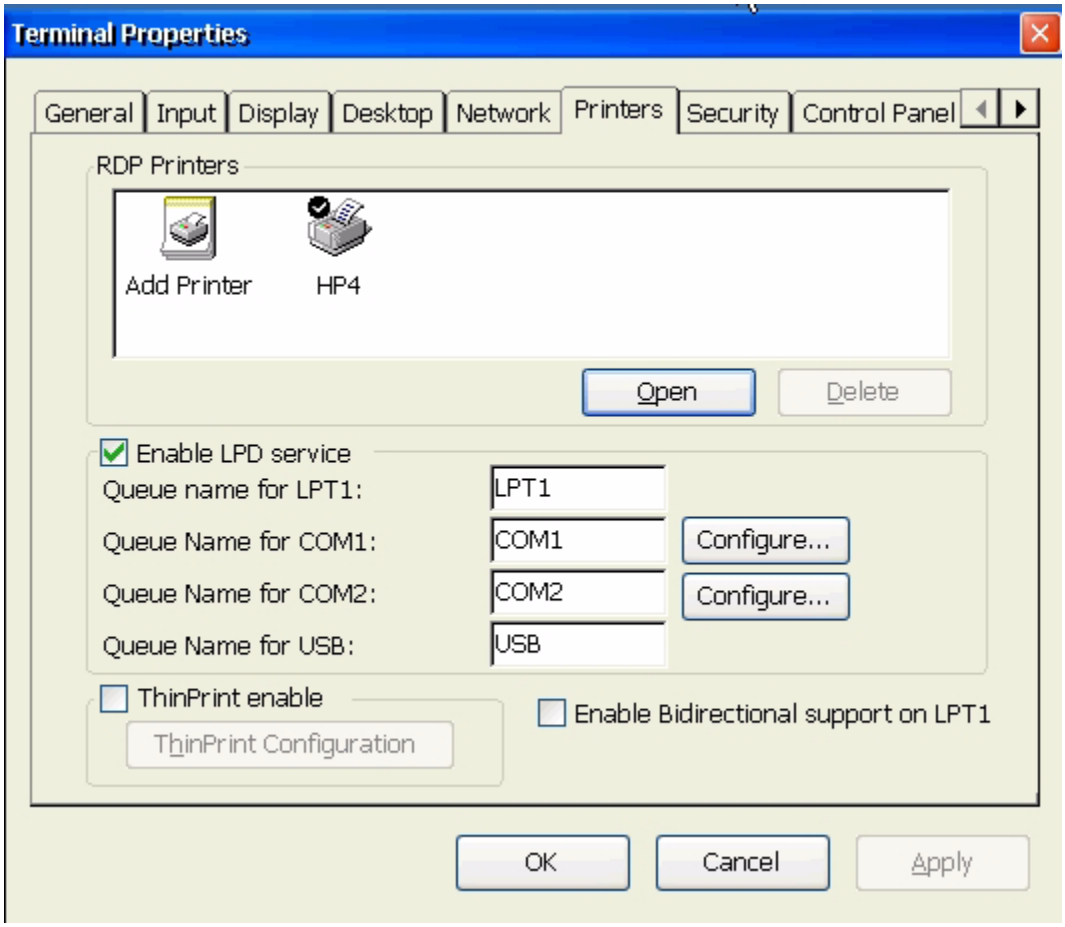





Printer Wizard
Name Your Printer
You must supply a name for this printer.
Supply a name for this printer. Some programs do not support server and printer name combinations of more than 31 characters.
Printer name:
HP4
< Back
Next >

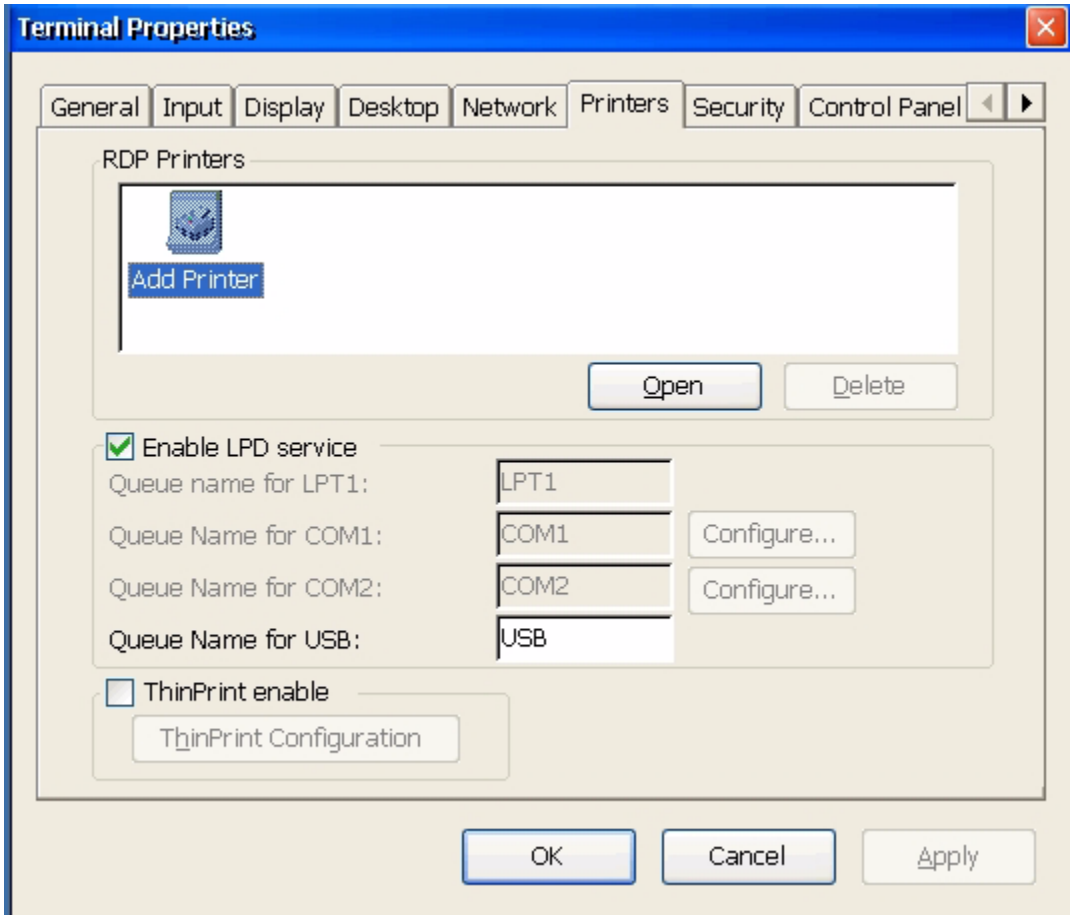

Printer Wizard
Set Default Printer
Do you want your Windows-based programs to use this printer as the default printer?
Yes
No
< Back
Next >


Printer Wizard
You have successfully completed the Printer Setup Wizard.
Tap Finish to apply the settings you have specified and exit the printer wizard.
< Back
Finish

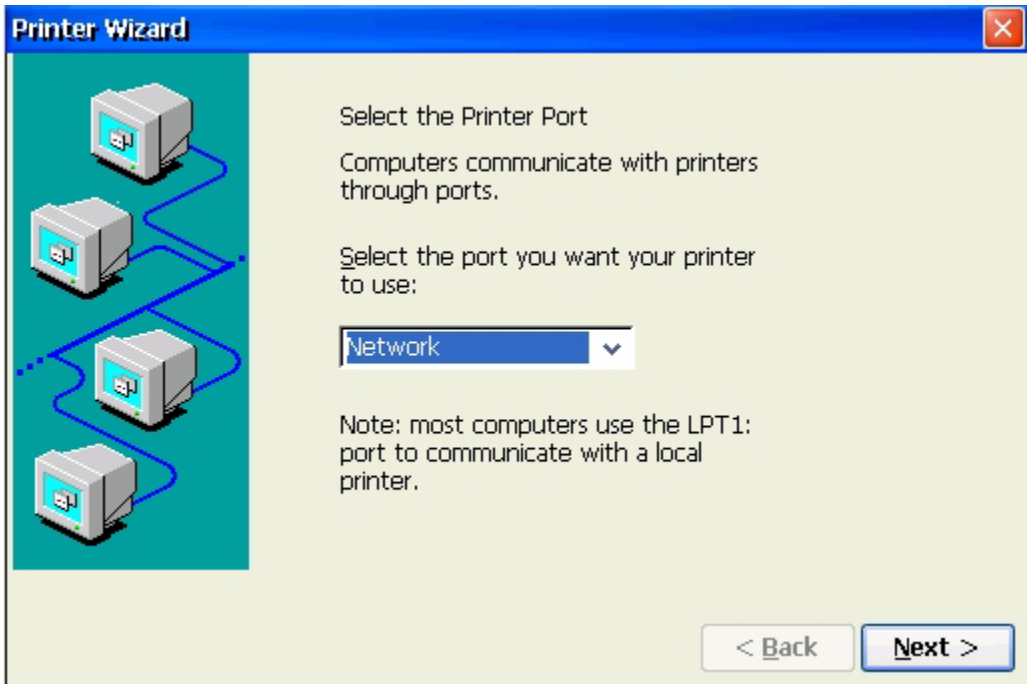

Terminal Properties
General
Input
Display
Desktop
Network
Printers
Security
Control Panel
RDP Printers
Add Printer
HP4
Open
Delete
Enable LPD service
Queue name for LPT1:
LPT1
Queue Name for COM1:
COM1
Configure...
Queue Name for COM2:
COM2
Configure...
Queue Name for USB:
USB
ThinPrint enable
ThinPrint Configuration
Enable Bidirectional support on LPT1
OK
Cancel
Apply

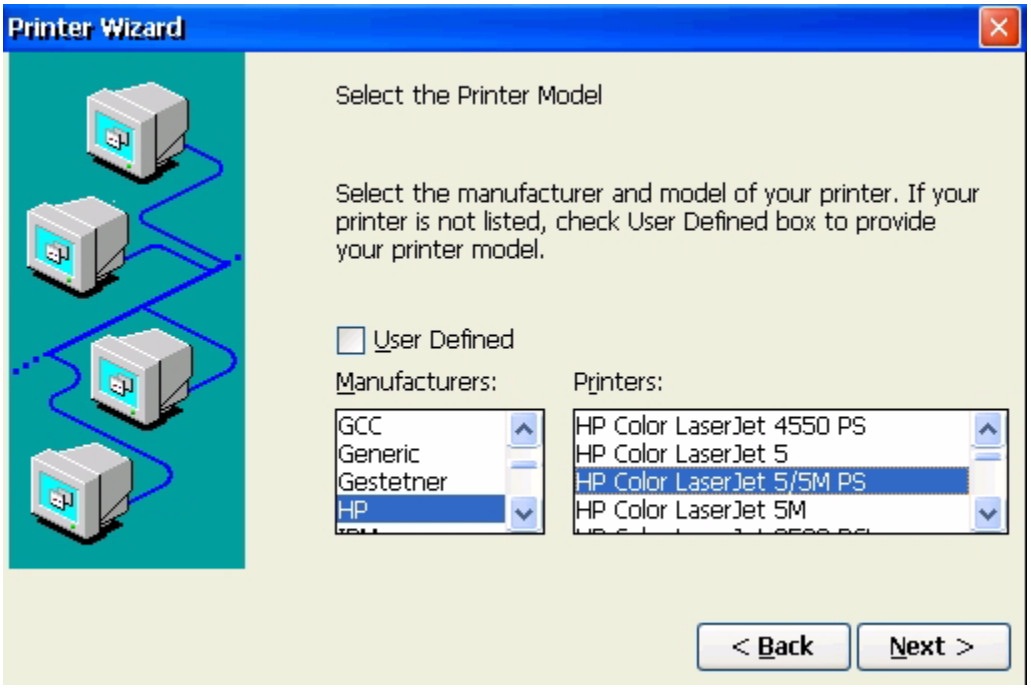
USB Printer:

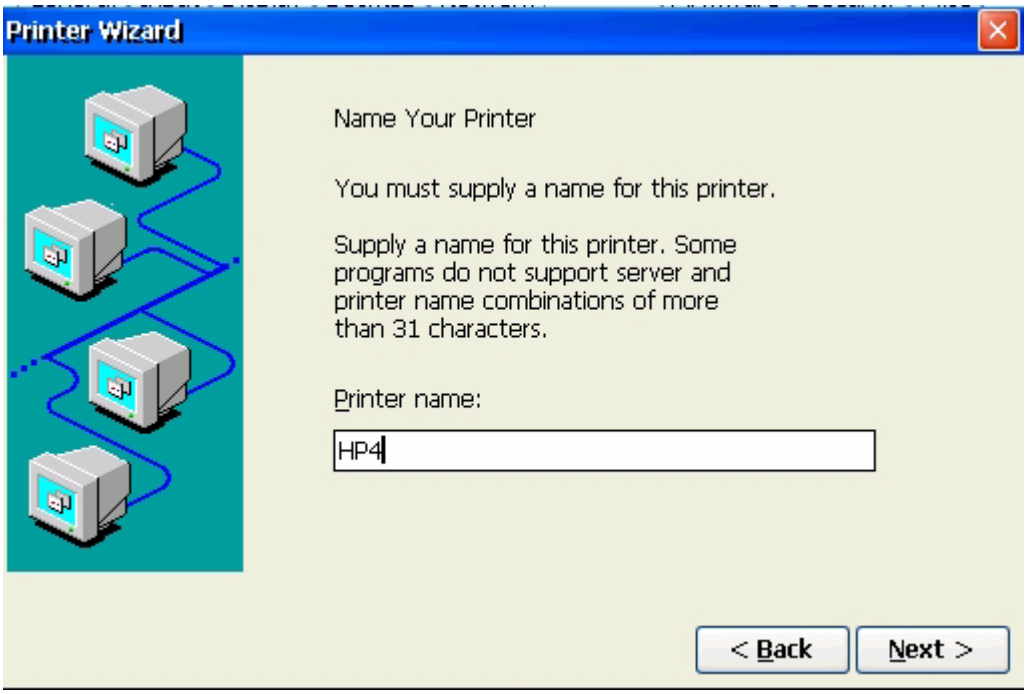
For a USB attached printer, check Enable LPD service and enter a queue name for the associated port. Not all ports are available on all units.



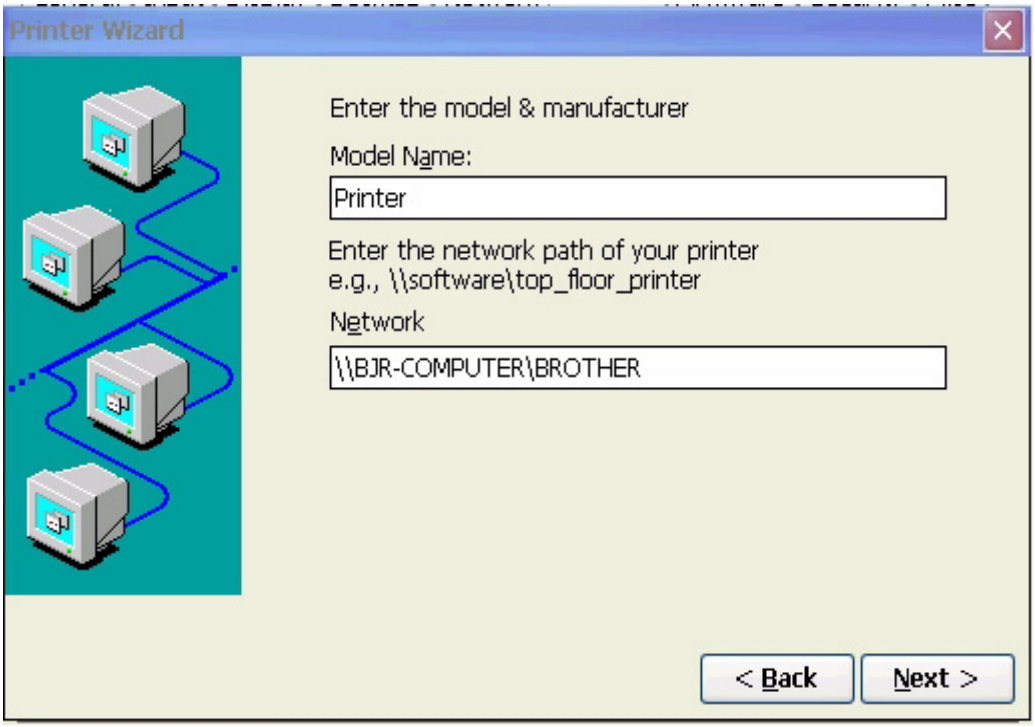
To add a network printer, double click on Add Printer or highlight add printer and select open.

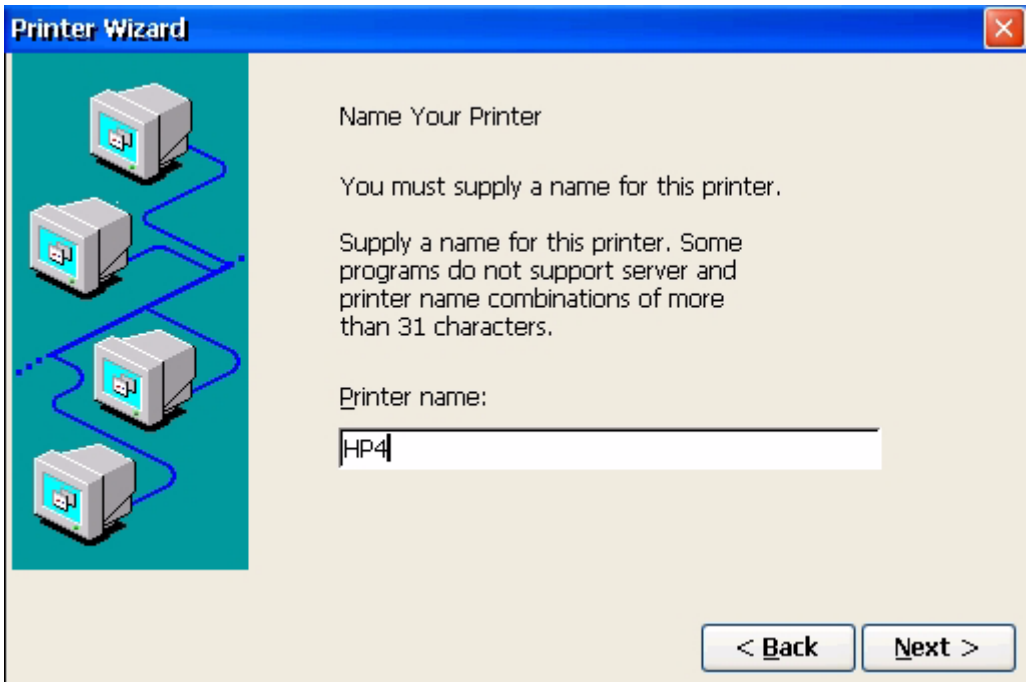


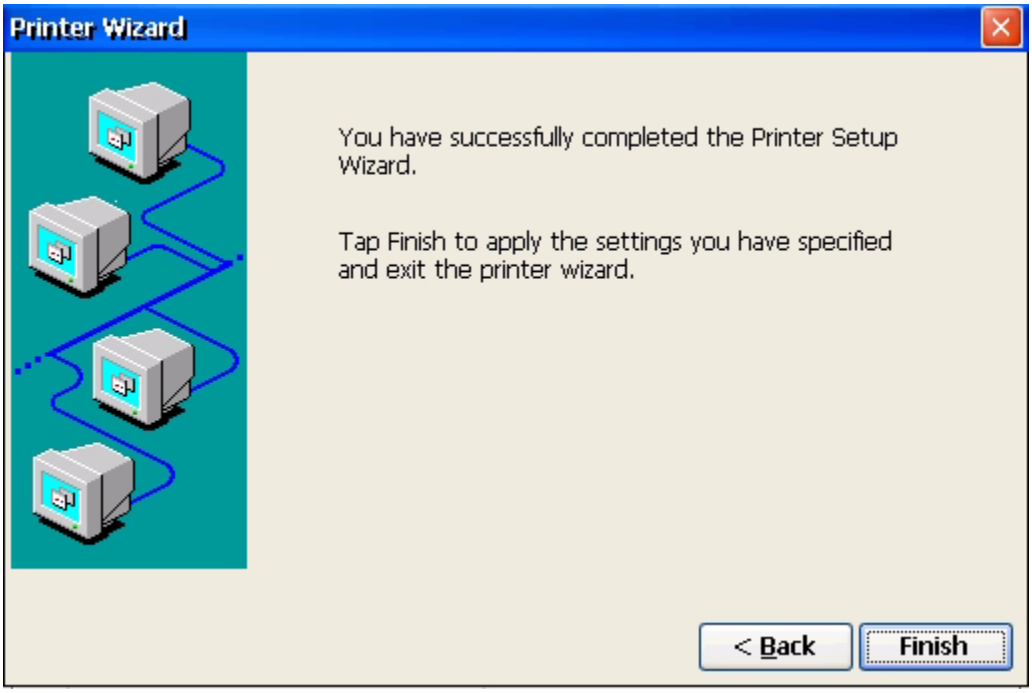


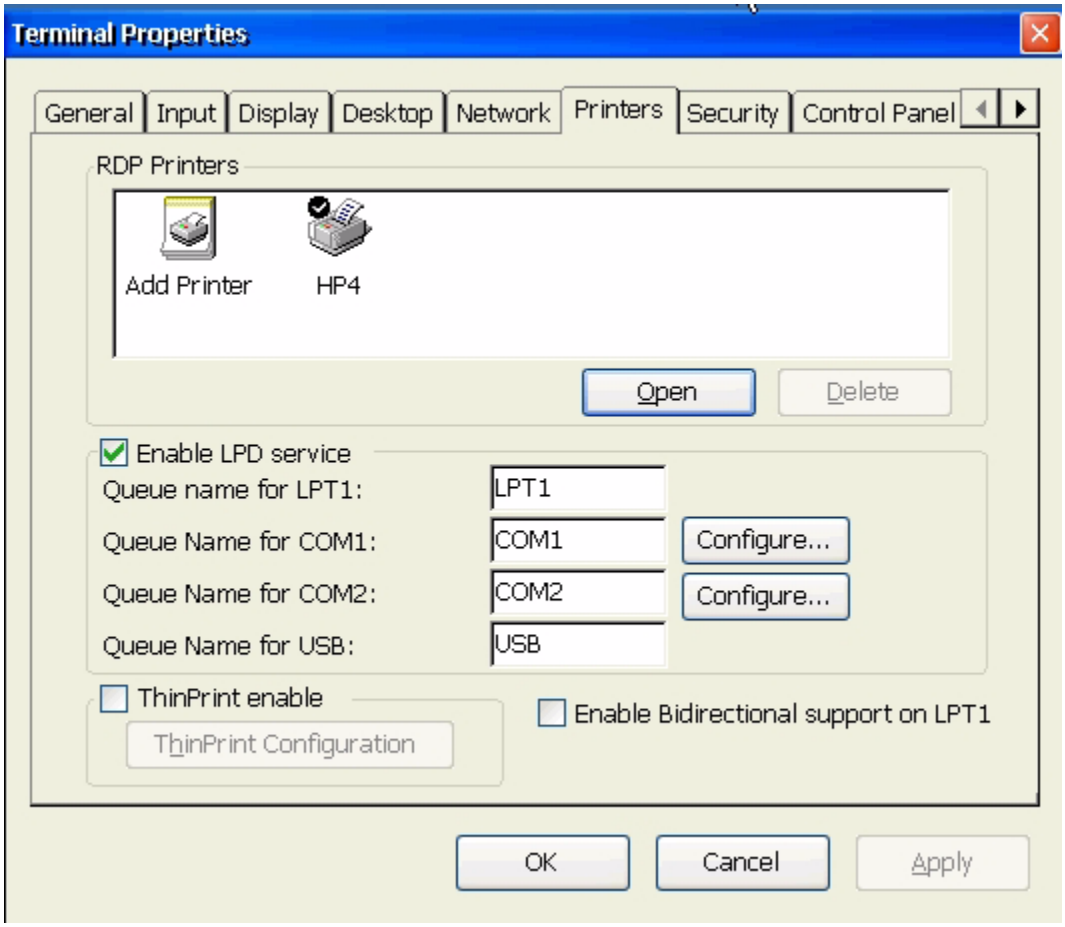


The WTC only supports SAMBA shared printers and needs a name such as \\PCNAME\printersharename. If trying to connect to a network printer put it on a server and share it and then the WTC can connect to it..




Printer Wizard
Name Your Printer
You must supply a name for this printer.
Supply a name for this printer. Some programs do not support server and printer name combinations of more than 31 characters.
Printer name:
HP4
< Back
Next >


Printer Wizard
You have successfully completed the Printer Setup Wizard.
Tap Finish to apply the settings you have specified and exit the printer wizard.
< Back
Finish


Terminal Properties
General
Input
Display
Desktop
Network
Printers
Security
Control Panel
RDP Printers
Add Printer
HP4
Open
Delete
Enable LPD service
Queue name for LPT1:
LPT1
Queue Name for COM1:
COM1
Configure...
Queue Name for COM2:
COM2
Configure...
Queue Name for USB:
USB
ThinPrint enable
ThinPrint Configuration
Enable Bidirectional support on LPT1
OK
Cancel
Apply

Terminal Properties - Security Tab

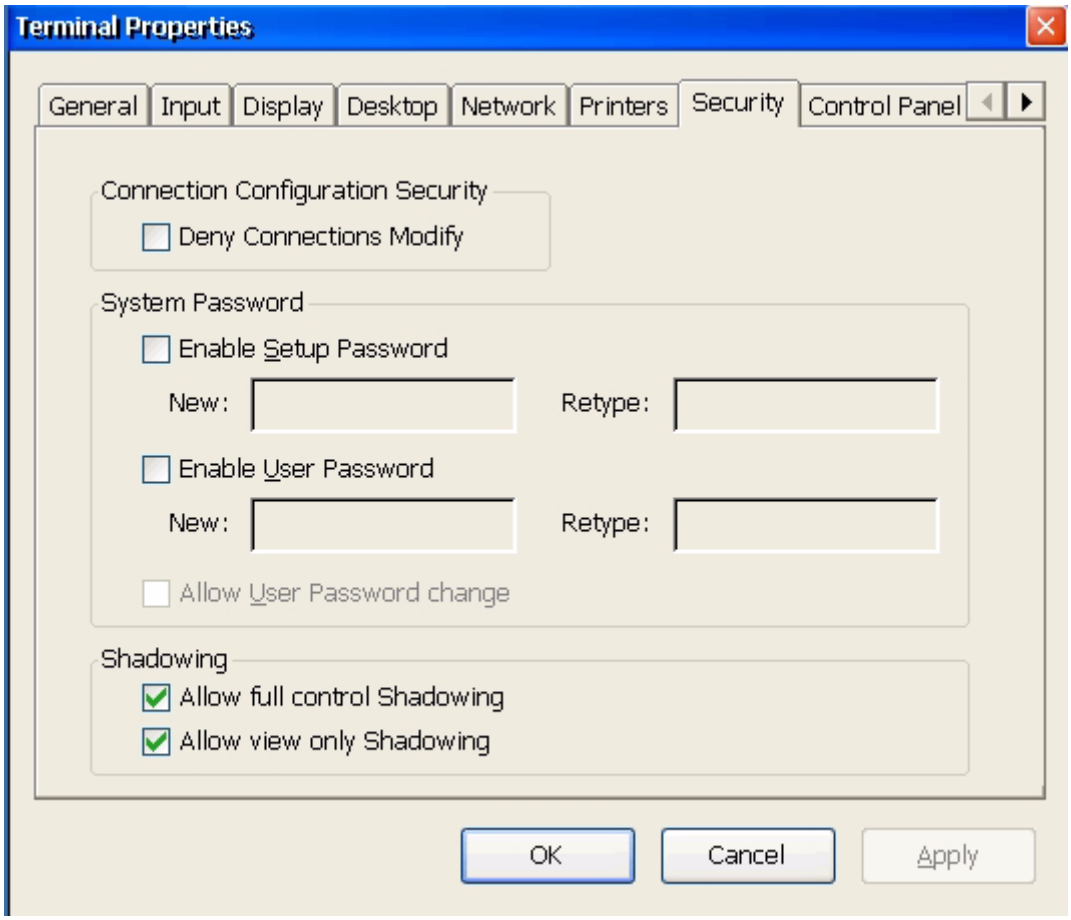
The Security configuration allows the administrator to control access to the various terminal functions and configurations.

Selecting the ***Deny Connections Modify*** will not allow any changes to be made to the configuration by the user.

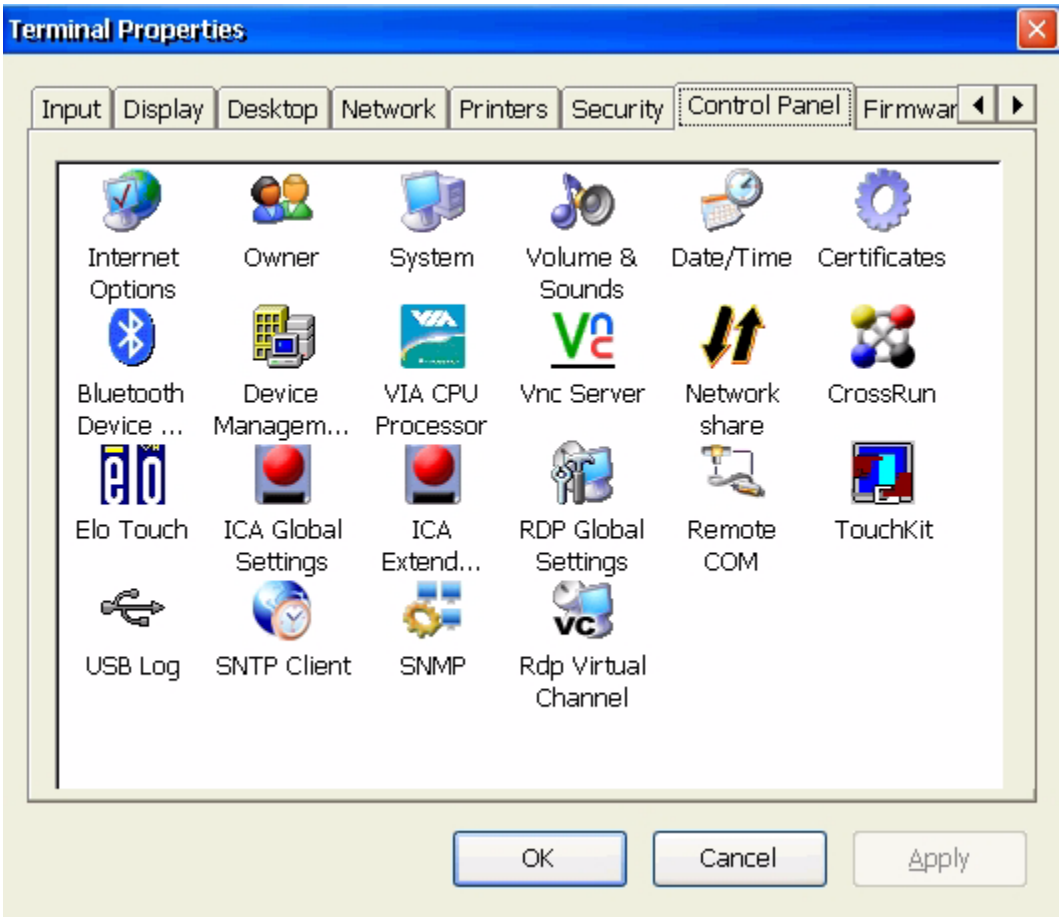
The ***Allow Shadowing View Only*** **and** ***Allow Shadowing Full Control*** allows the administrator to enable shadowing from the remote terminal manager running on another Windows machine on the LAN. Shadowing uses VNC client from the remote terminal manager to view or control the terminal. This is useful if the administrator needs to remotely monitor the terminal activity, or take full control of the terminal from a remote location.

The ***System Password area*** allows the administrator to specify a password in order to reconfigure the terminal by checking the **Enable Setup Password**. **Enable User Password** is used to force a user to logon to the thin client locally with a password - the option also allows for the user to modify the local password if selected. If this password has been set and then lost, contact 10ZiG technical support for assistance.

.

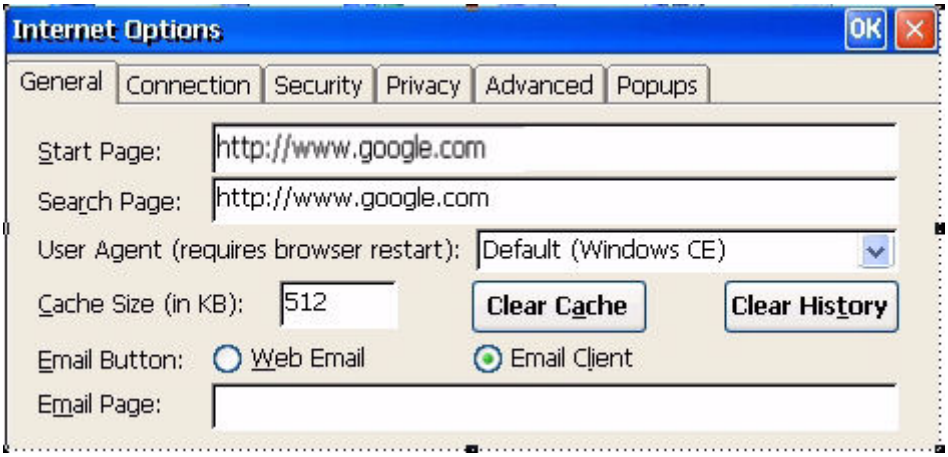


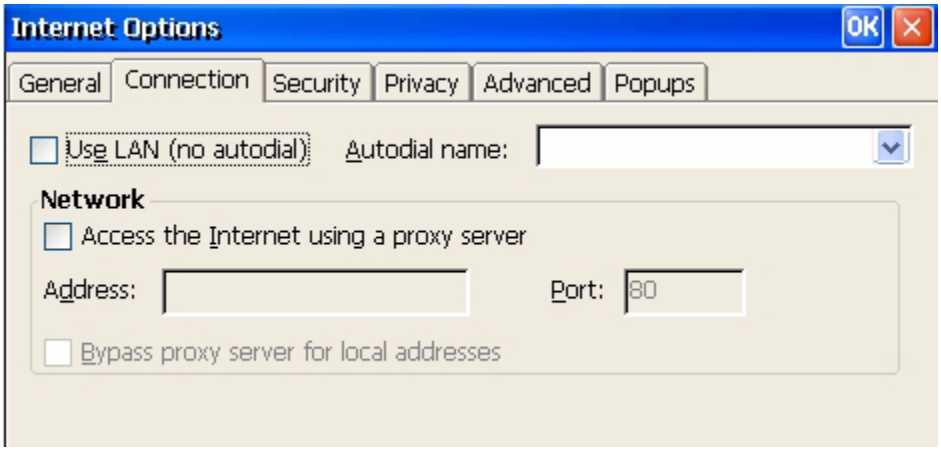
Terminal Properties - Control Panel Tab

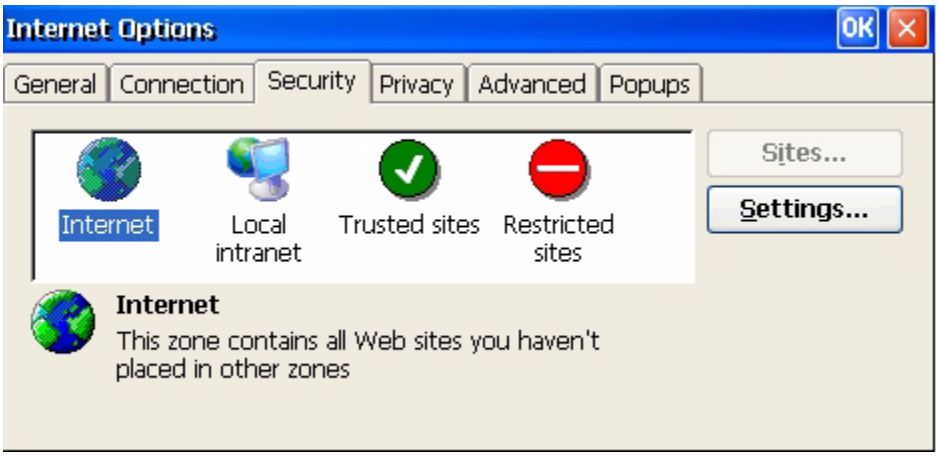


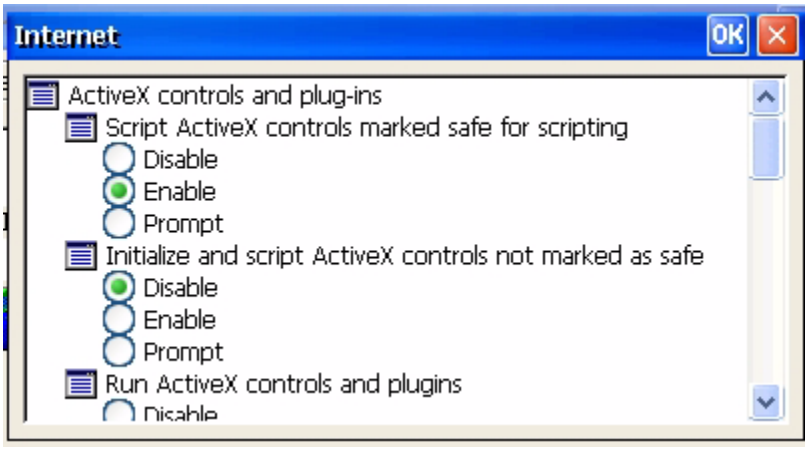
Internet Options

These options can also be accessed from the browser through **View** - **Internet Options**.

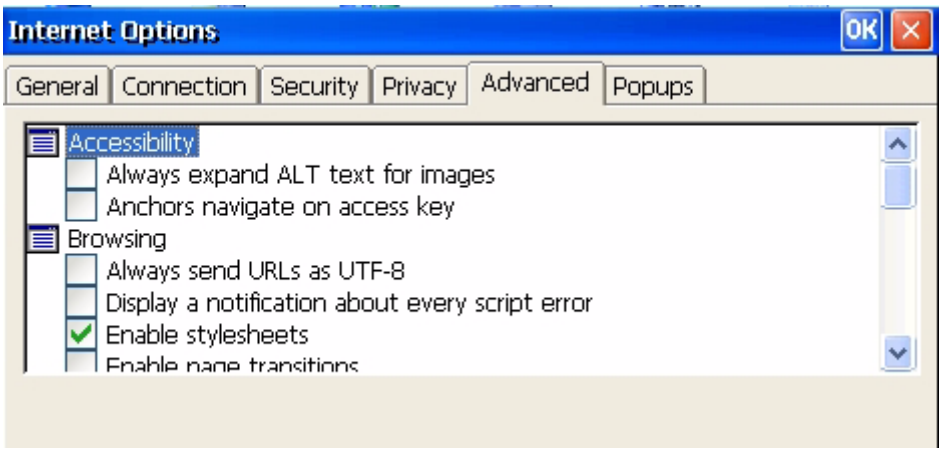




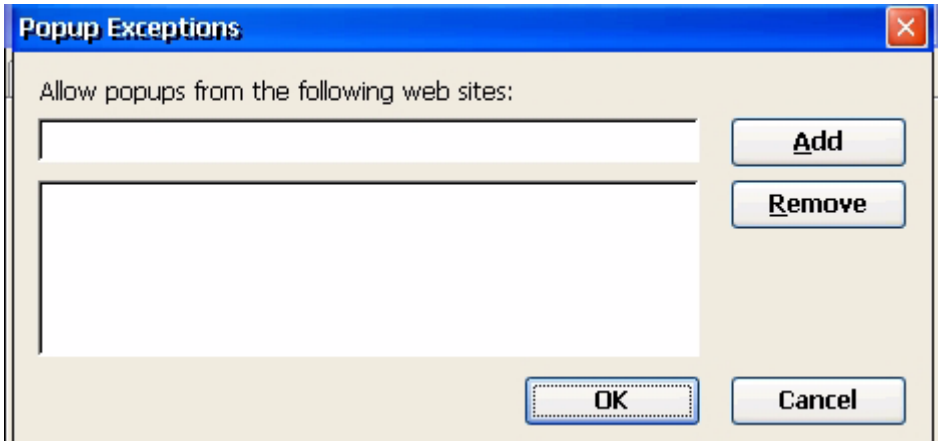


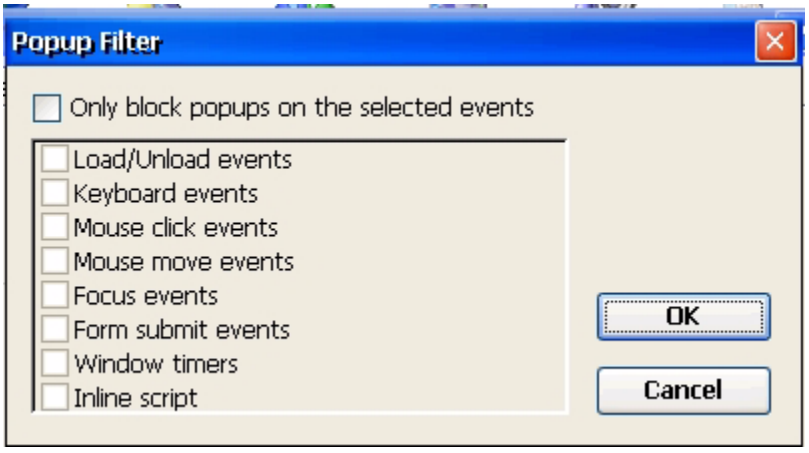

Internet
OK
ActiveX controls and plug-ins
Script ActiveX controls marked safe for scripting
Disable
Enable
Prompt
Initialize and script ActiveX controls not marked as safe
Disable
Enable
Prompt
Run ActiveX controls and plugins

Internet Options
OK
General
Connection
Security
Privacy
Advanced
Popups
Cookies
First-party Cookies
Accept
Block
Prompt
Always allow session cookies
Save cookies permanently
Third-party Cookies
Accept
Block
Prompt
Clear cookies

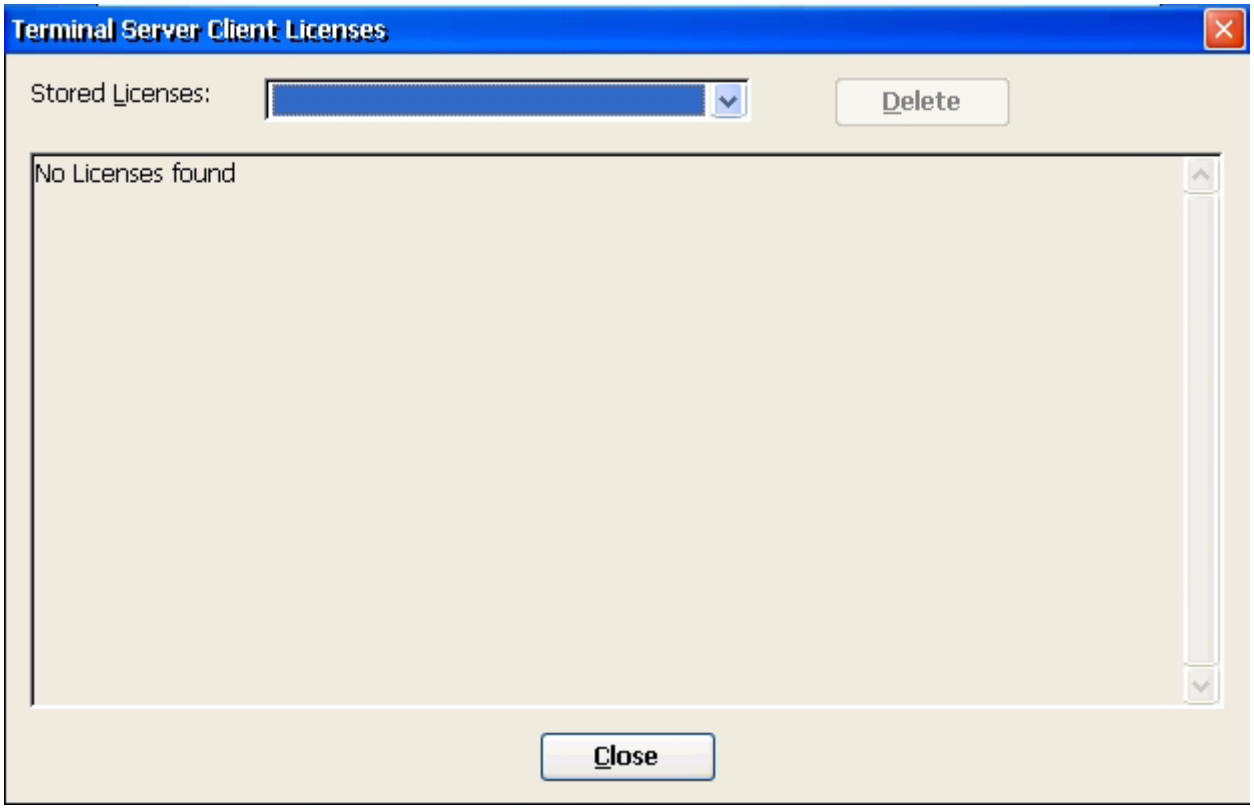

Internet Options
OK
General
Connection
Security
Privacy
Advanced
Popups
Accessibility
Always expand ALT text for images
Anchors navigate on access key
Browsing
Always send URLs as UTF-8
Display a notification about every script error
Enable stylesheets

Internet Options
OK
General
Connection
Security
Privacy
Advanced
Popups
Popup Windows
Block popups
Exceptions...
Advanced
Display notification when a popup has been blocked
Open new pages in the current window

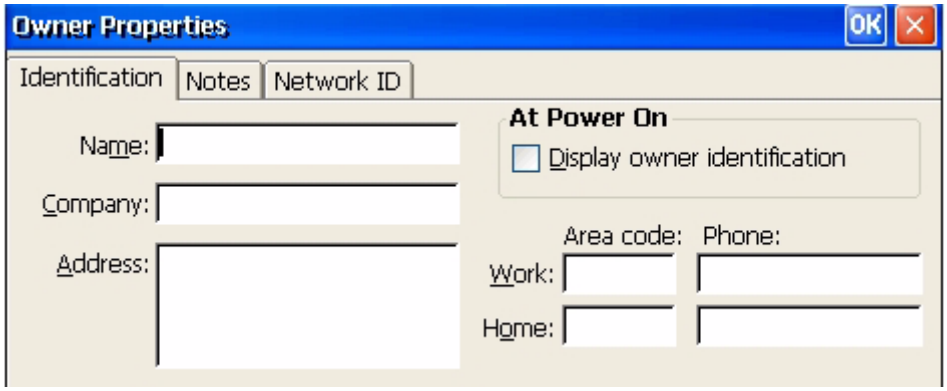

Popup Exceptions
Allow popups from the following web sites:
Add
Remove
OK
Cancel

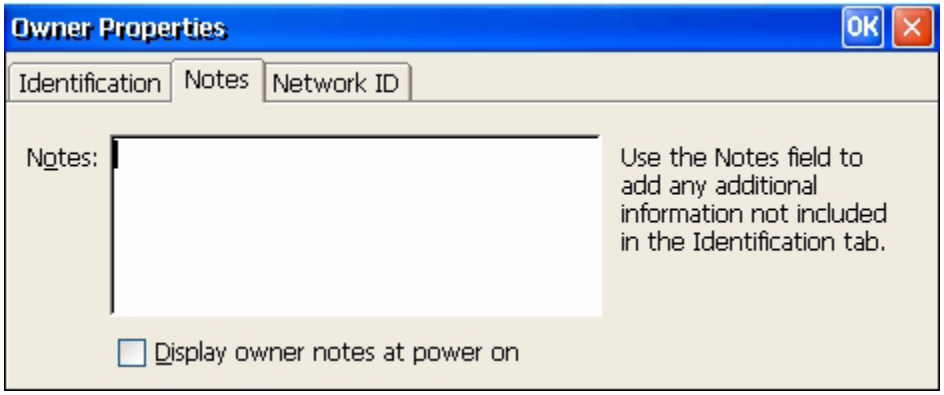

Popup Filter
Only block popups on the selected events
Load/Unload events
Keyboard events
Mouse click events
Mouse move events
Focus events
Form submit events
Window timers
Inline script
OK
Cancel

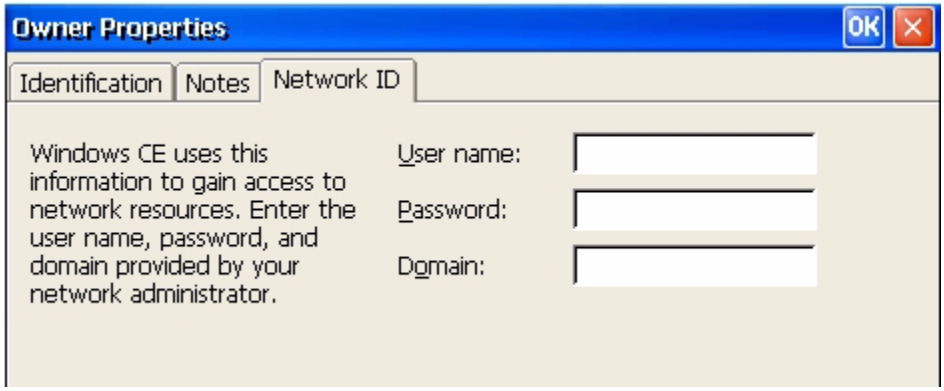
Terminal Server Client Licenses



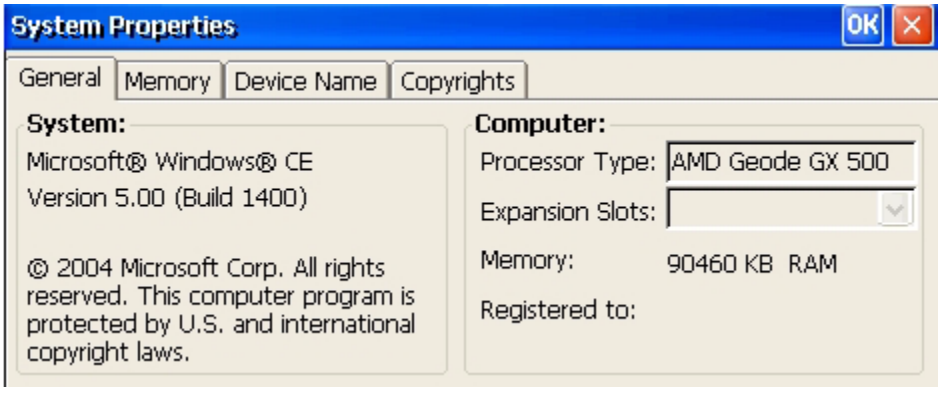
Owner Properties

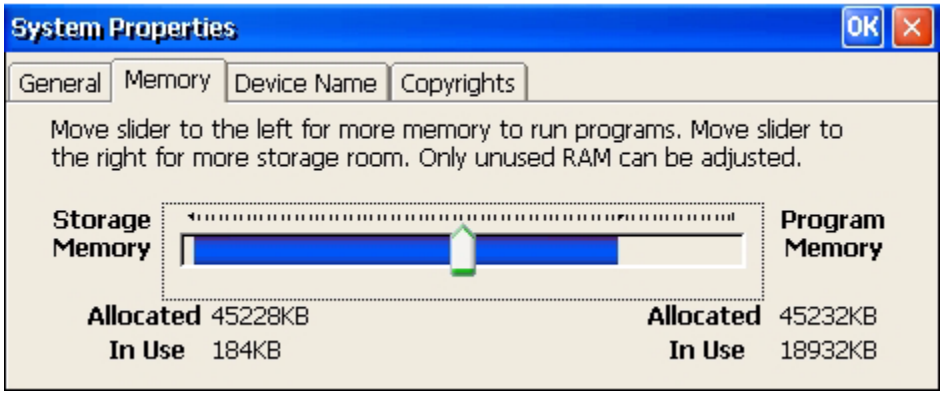




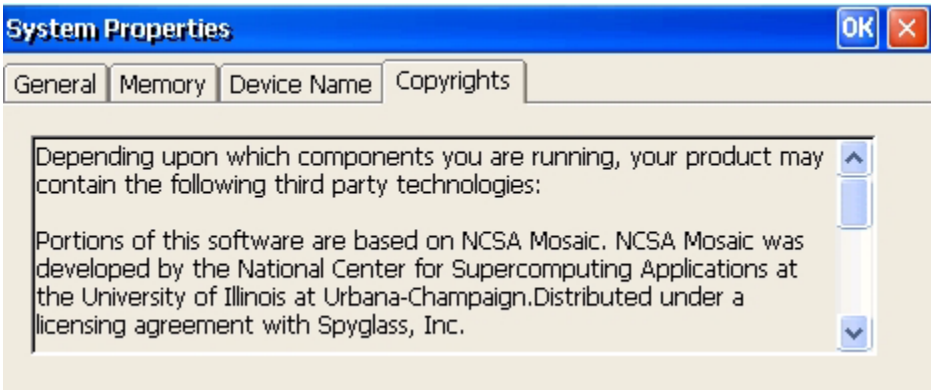


System Properties

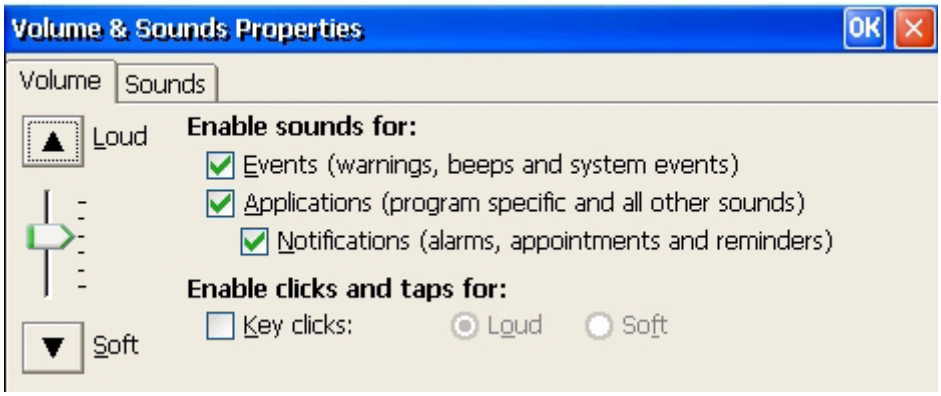


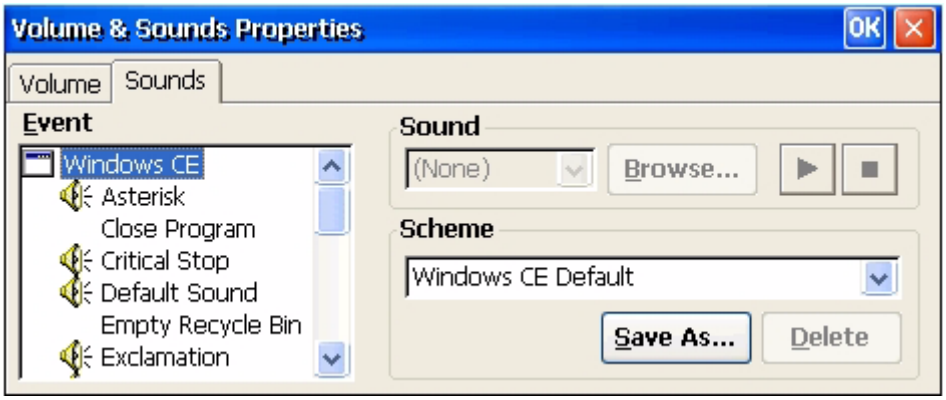

System Properties
OK
General
Memory
Device Name
Copyrights
Move slider to the left for more memory to run programs. Move slider to the right for more storage room. Only unused RAM can be adjusted.
Storage Memory
Program Memory
Allocated 45228KB
In Use 184KB
Allocated 45232KB
In Use 18932KB

System Properties
OK
General
Memory
Device Name
Copyrights
These settings are used to identify your Windows CE device to other computers.
Please type a name (without any spaces) and a short description.
Device name: RBT-070
Device description: Windows Thin Client RBT-070

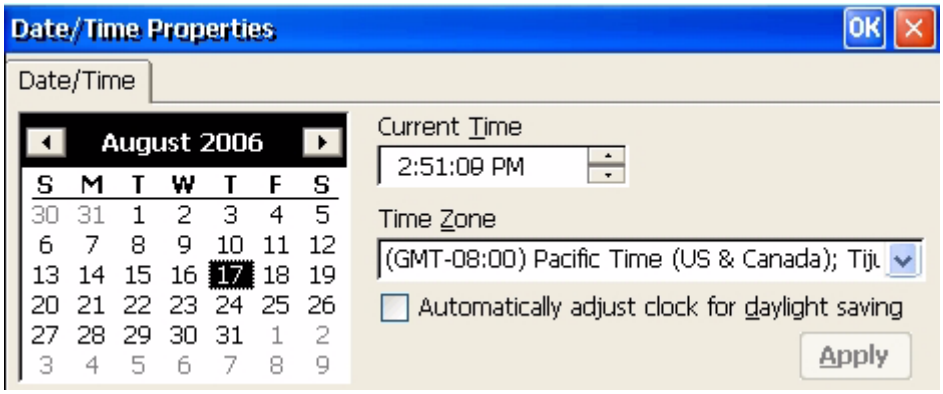

System Properties
OK
General
Memory
Device Name
Copyrights
Depending upon which components you are running, your product may contain the following third party technologies:
Portions of this software are based on NCSA Mosaic. NCSA Mosaic was developed by the National Center for Supercomputing Applications at the University of Illinois at Urbana-Champaign.Distributed under a licensing agreement with Spyglass, Inc.

Volume & Sounds Properties





Date/Time



Certificates

Export digital certificate with Internet Explorer

In Internet Explorer, select Internet Option... under the Tools menu

Select the Content tab and click the Certificates... button

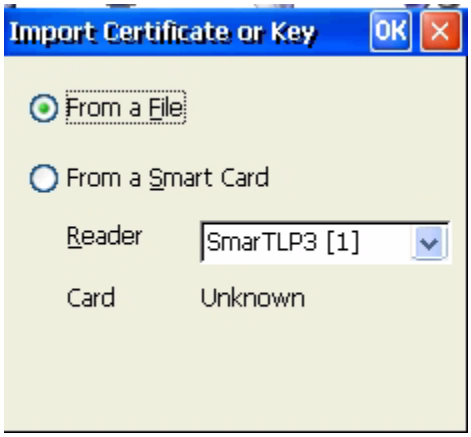
Select the certificate that you want to export

Click the Export... button

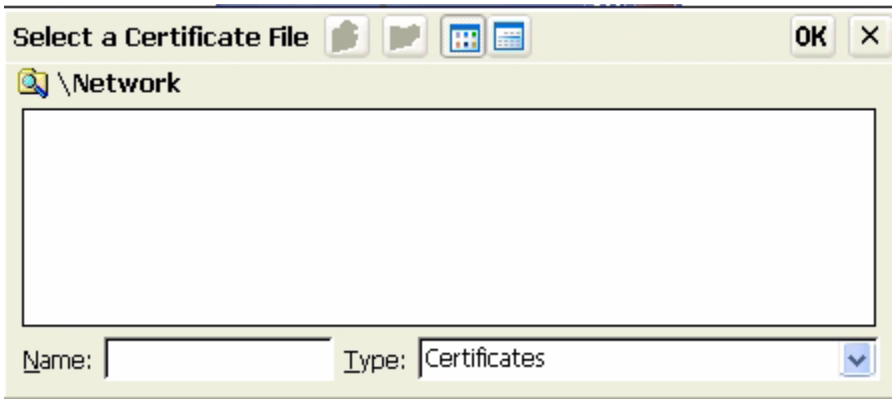
Follow the Certificate Manager Import Wizard and enter the password to encrypt the private key when prompted

Enter the file name you want to export

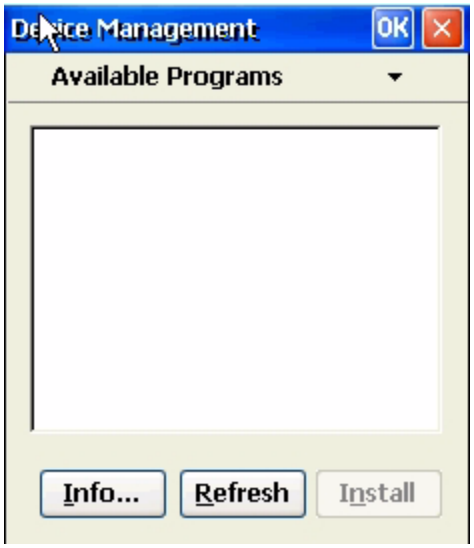
Save the certificate to a thumb drive or a network drive Select Import



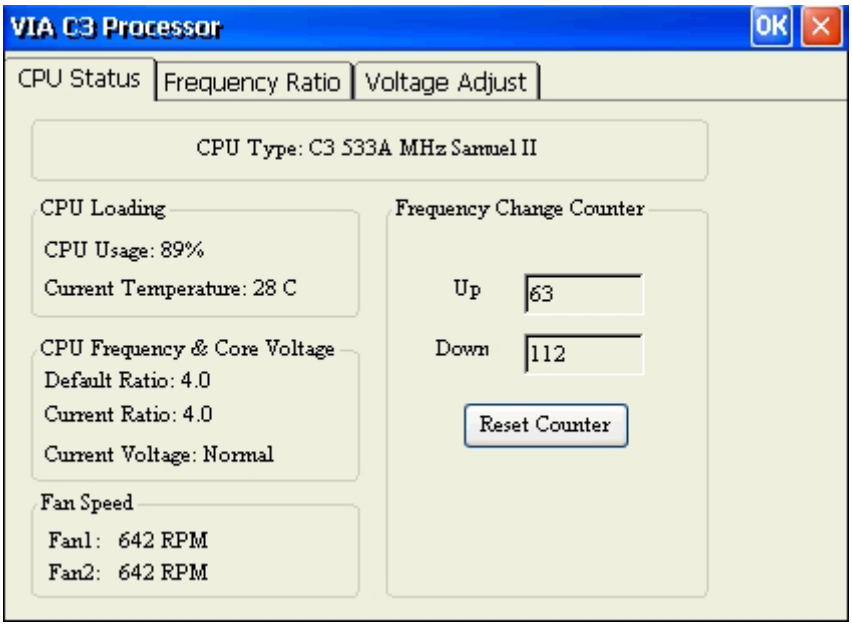
Browse to the certificate location and select the certificate. Select **OK**.



ICA Device Management

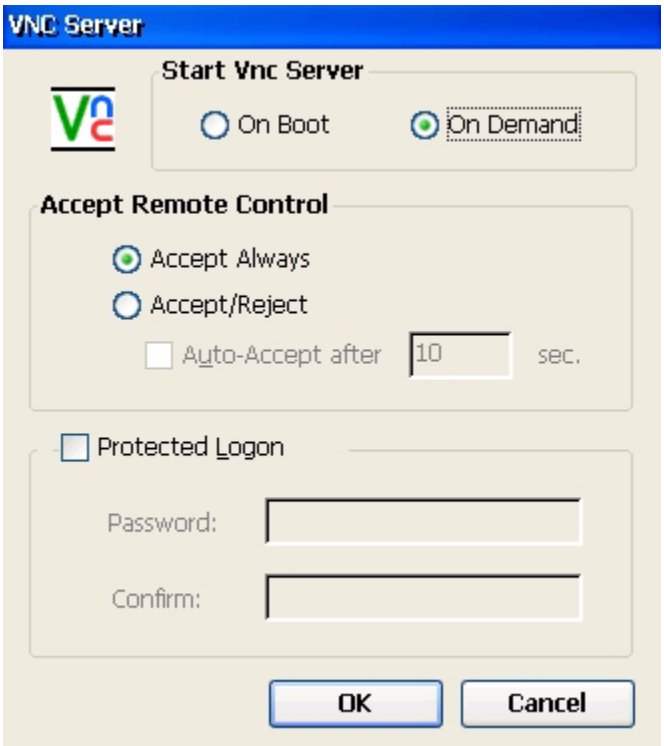


VIA C3 Processor

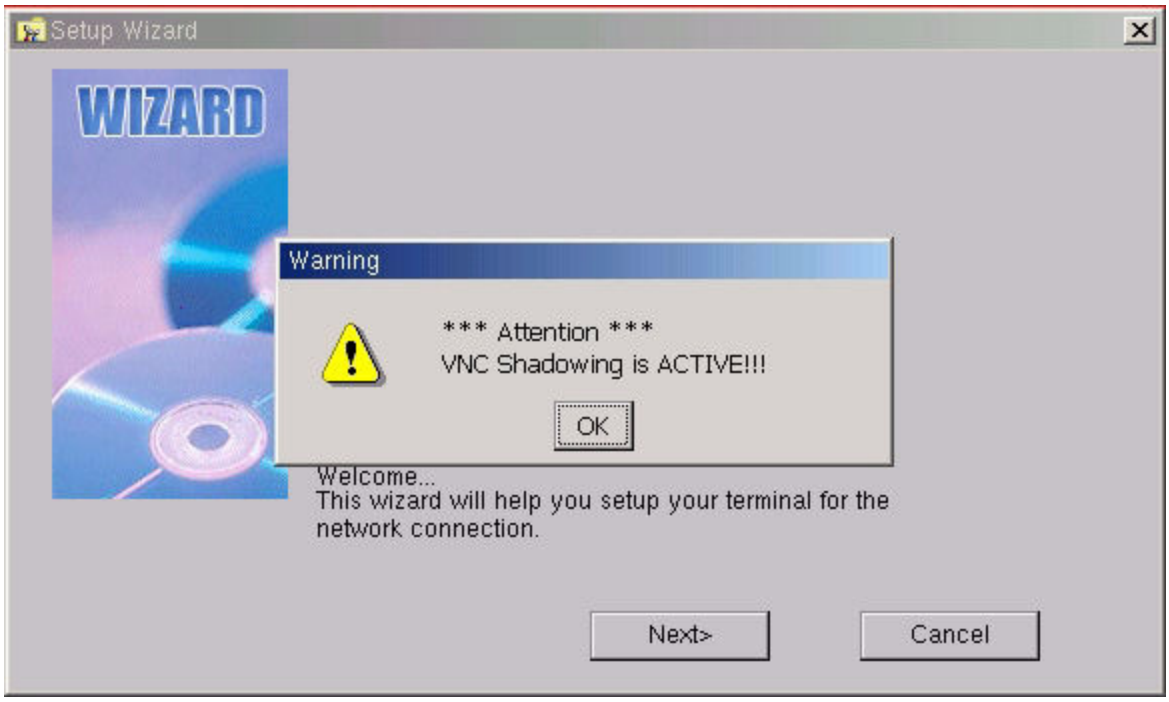


VNC Shadowing Configuration

The default setting is to Show Accept/Reject DialogBox but with Auto Accept after 5 seconds. To accept always and show no warning messages on the unit, select Accept Always.

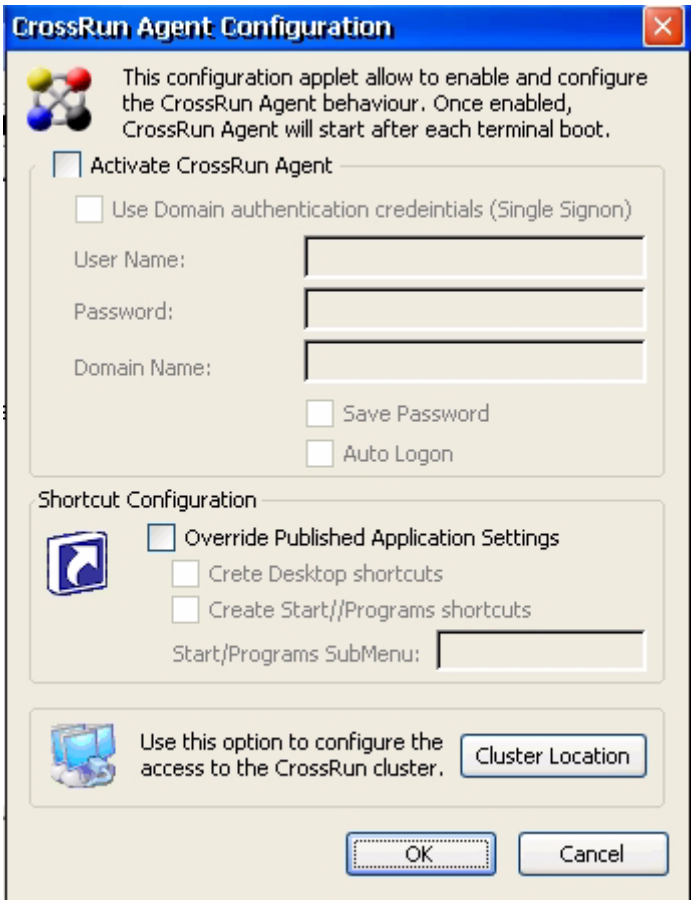


A password can be assigned to the unit by selecting Protected Logon and completing the password information.A warning message will be presented on the screen to make the user aware the unit is being shadowed.



CrossRun Agent Configuration

CrossRun is a server product that requires a small client component installed on each device in order to access the Terminal Server.



CrossRun Logon Parameters

This section controls the Logon to the CrossRun Server.

Option Description

User Name - The user name for accessing the CrossRun Server.

Password - The password for accessing the CrossRun Server.

Save Password - When checked, this option saves the password such that the user need not enter it again.

Auto Logon - When checked, the logon will occur automatically when the CrossRun Agent is started (this option is only valid when the Save Password option is enabled).

Shortcut Configuration

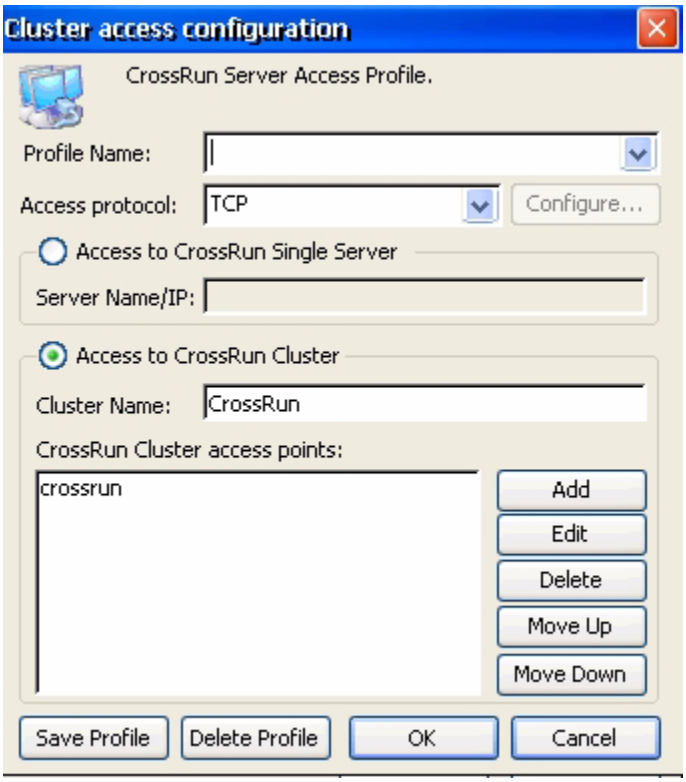
This section controls how the published applications will be presented to your Desktop and/or Program Menu.

Option Description

Create Desktop Shortcuts - When this option is selected, shortcuts will be created to the published applications on your Desktop. The icons used will be the ones configured for the applications on the CrossRun Server.

Create Start\Programs Shortcuts - When this option is selected, shortcuts will be created on the Start menu to the CrossRun published applications in groups as configured on the CrossRun Server.

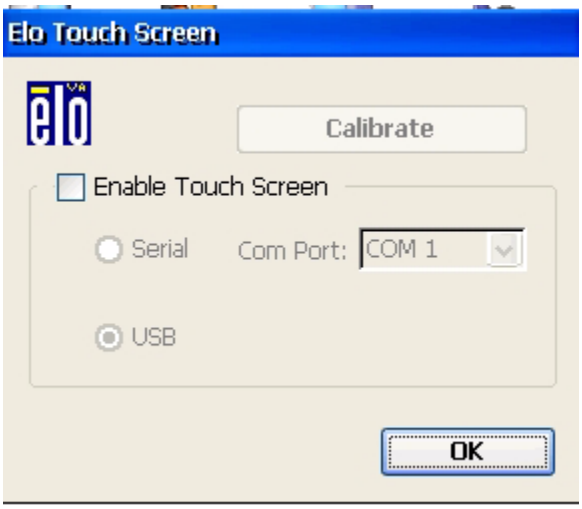
CrossRun Server Access Profile



The Access Profiles section allows you to define a profile for accessing a CrossRun Server. To Access to CrossRun Server enter the Server Name/IP.

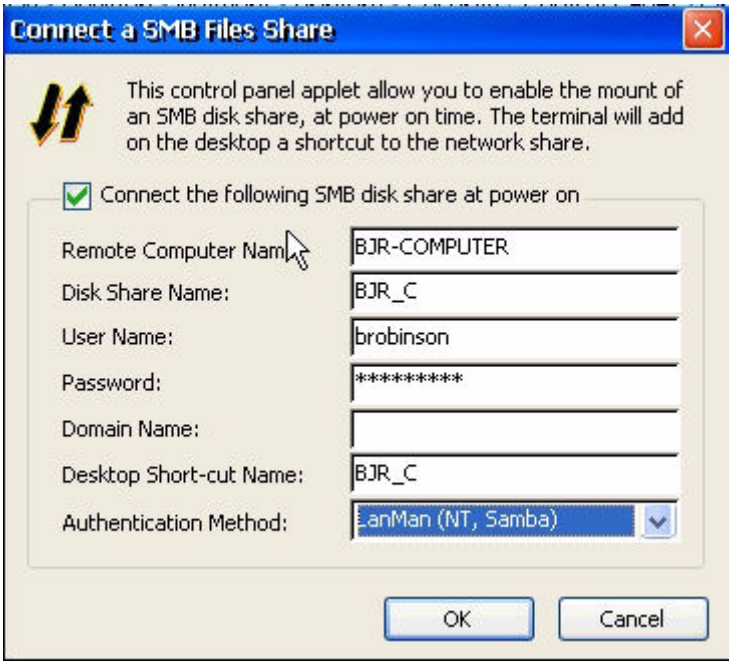
Elo Touch Screen

If you are using a touch screen, it must enabled to work properly.



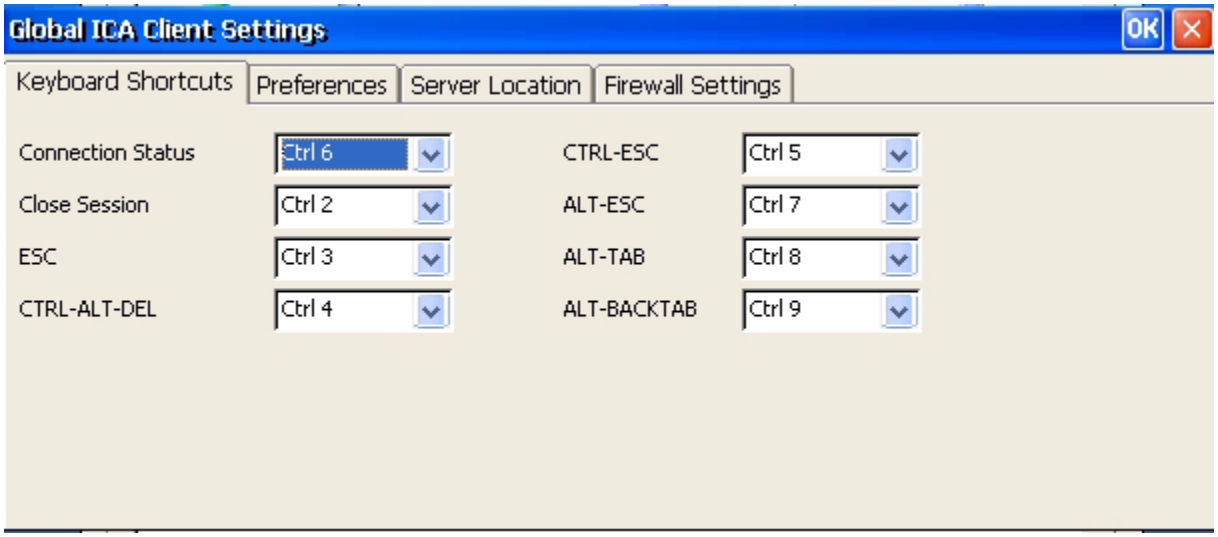
Network Share

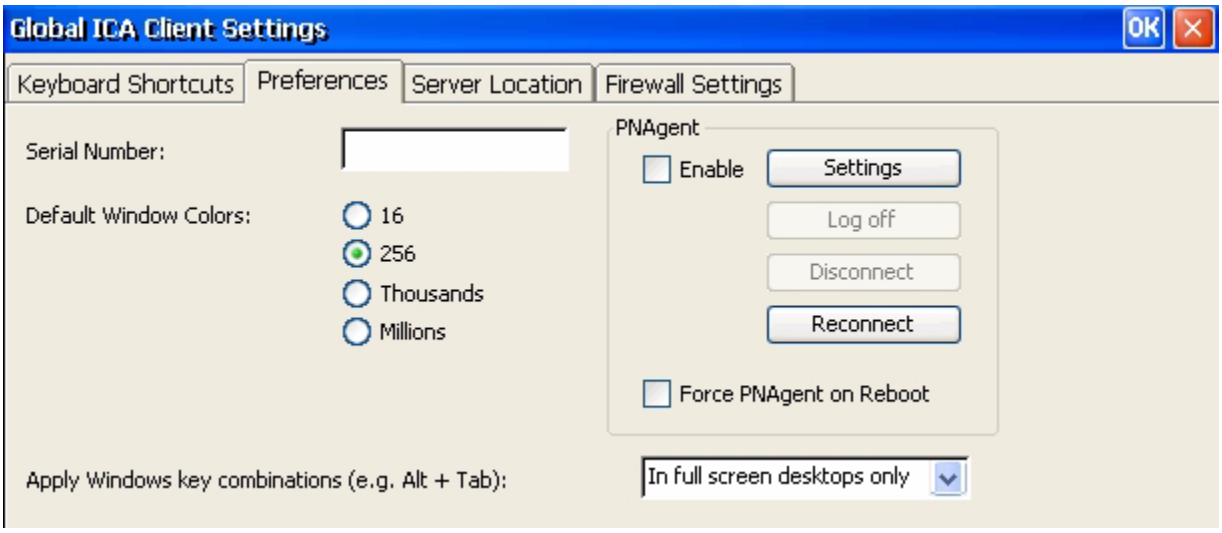
SMB file systems are typically exported by Windows based machines. To automatically mount an SMB network file system, complete the fields specified below.



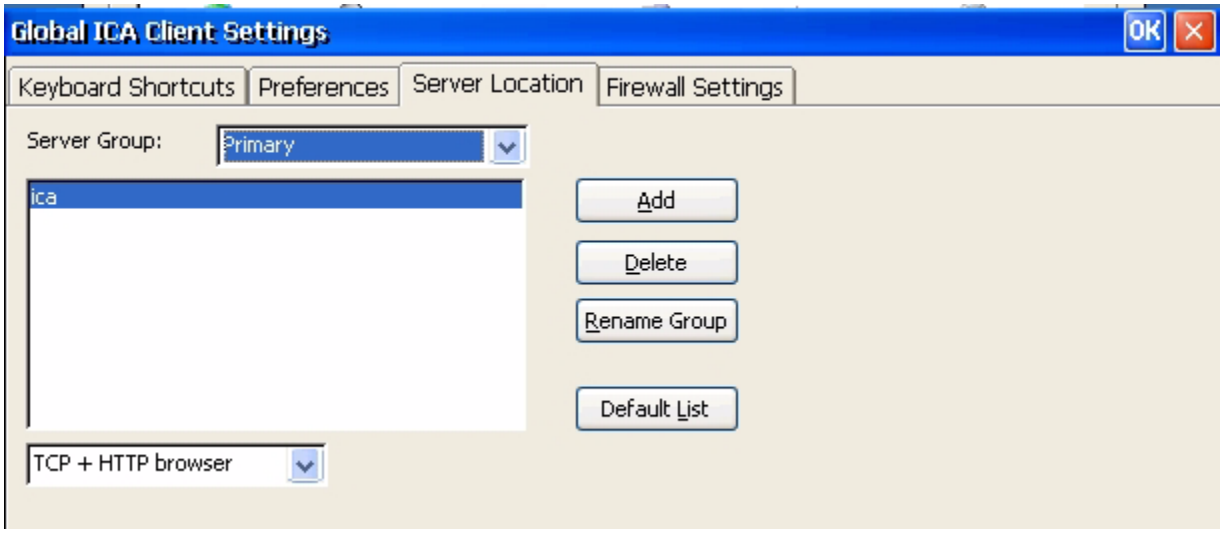
ICA Global Settings

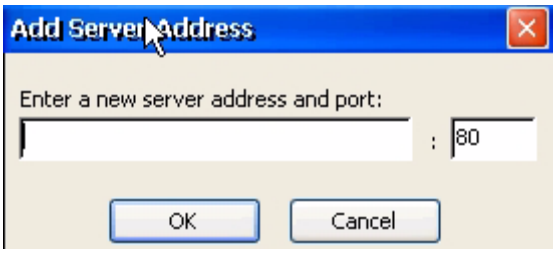
This area controls global settings for ICA sessions. This assists in setting some of the standard settings for ICA clients to enable the same keyboard shortcut settings, display settings, server settings, and/or firewall settings.

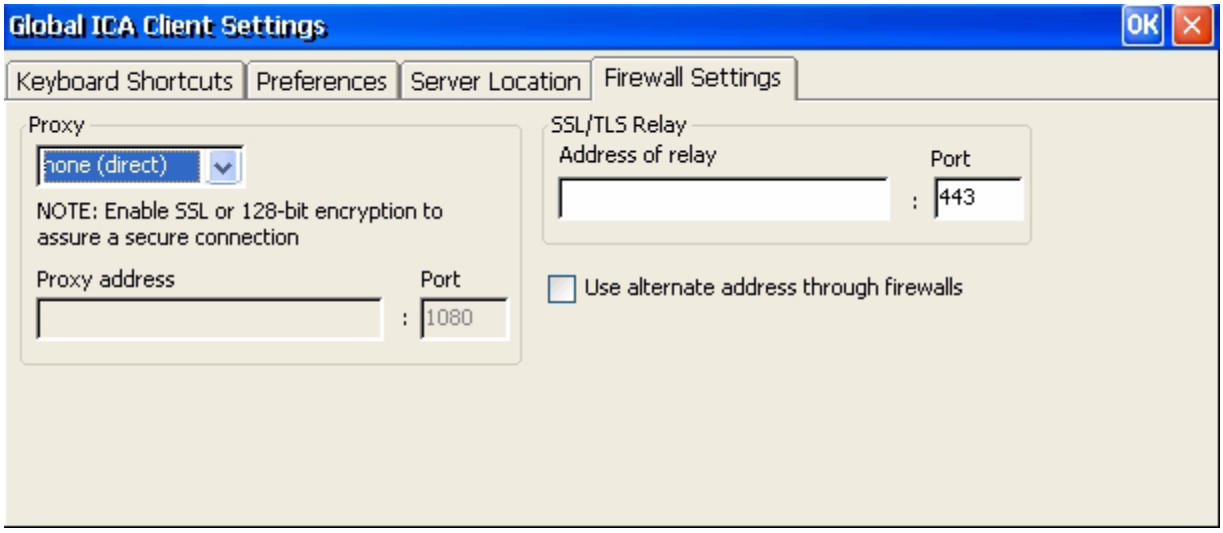




To add a Citrix server, select add and enter the server IP and port.

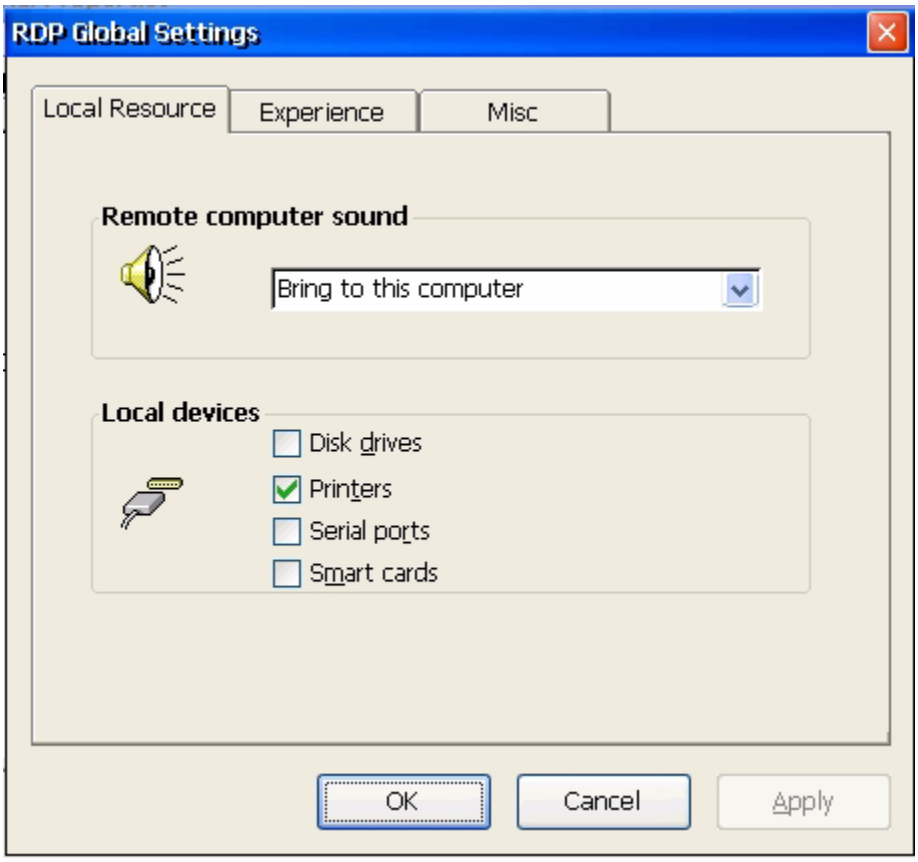


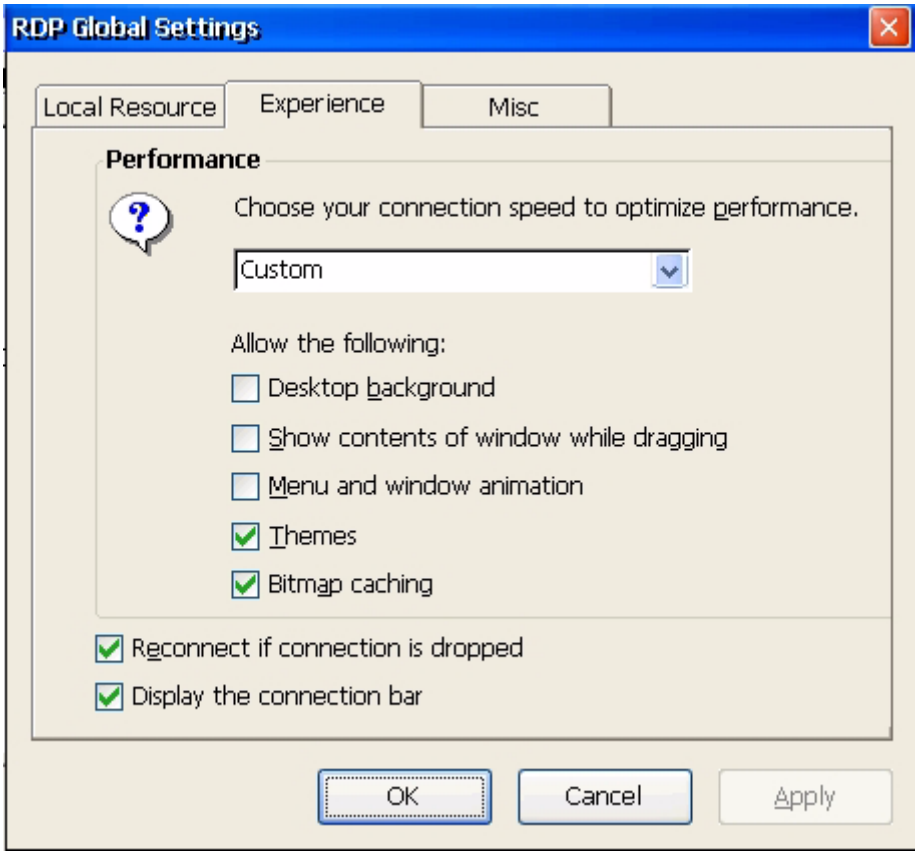


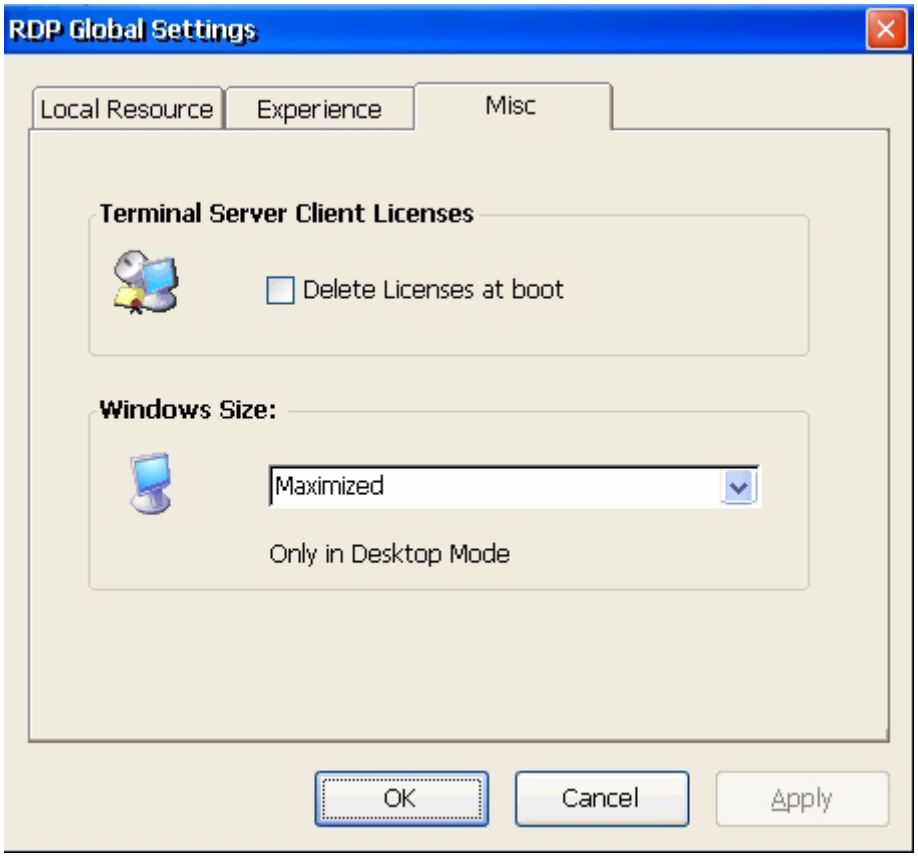


RDP Global Settings

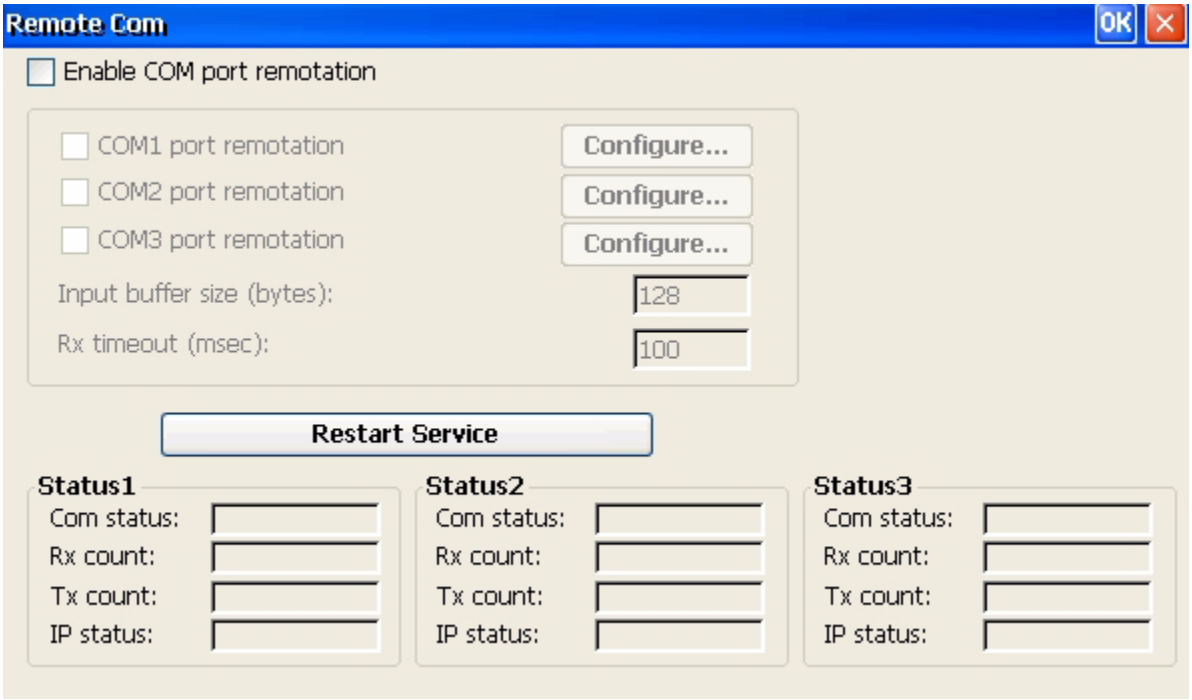
This area controls global settings for RDP sessions. This assists in setting some of the standard settings for RDP clients.




RDP Global Settings
Local Resource
Experience
Misc
Performance
Choose your connection speed to optimize performance.
Custom
Allow the following:
Desktop background
Show contents of window while dragging
Menu and window animation
Themes
Bitmap caching
Reconnect if connection is dropped
Display the connection bar
OK
Cancel
Apply

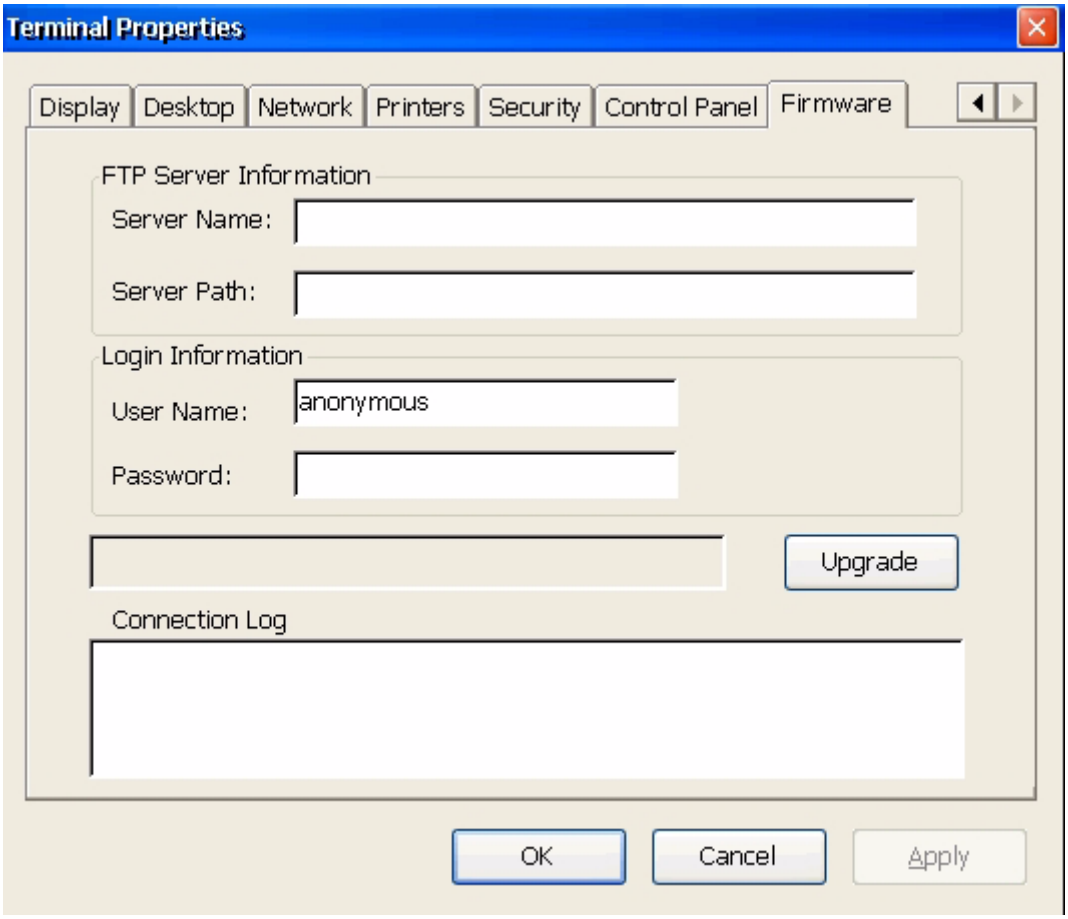

RDP Global Settings
Local Resource
Experience
Misc
Terminal Server Client Licenses
Delete Licenses at boot
Windows Size:
Maximized
Only in Desktop Mode
OK
Cancel
Apply

Remote Com


Remote Com
OK
Enable COM port remotation
COM1 port remotation
Configure...
COM2 port remotation
Configure...
COM3 port remotation
Configure...
Input buffer size (bytes):
128
Rx timeout (msec):
100
Restart Service
Status1
Com status:
Rx count:
Tx count:
IP status:
Status2
Com status:
Rx count:
Tx count:
IP status:
Status3
Com status:
Rx count:
Tx count:
IP status:

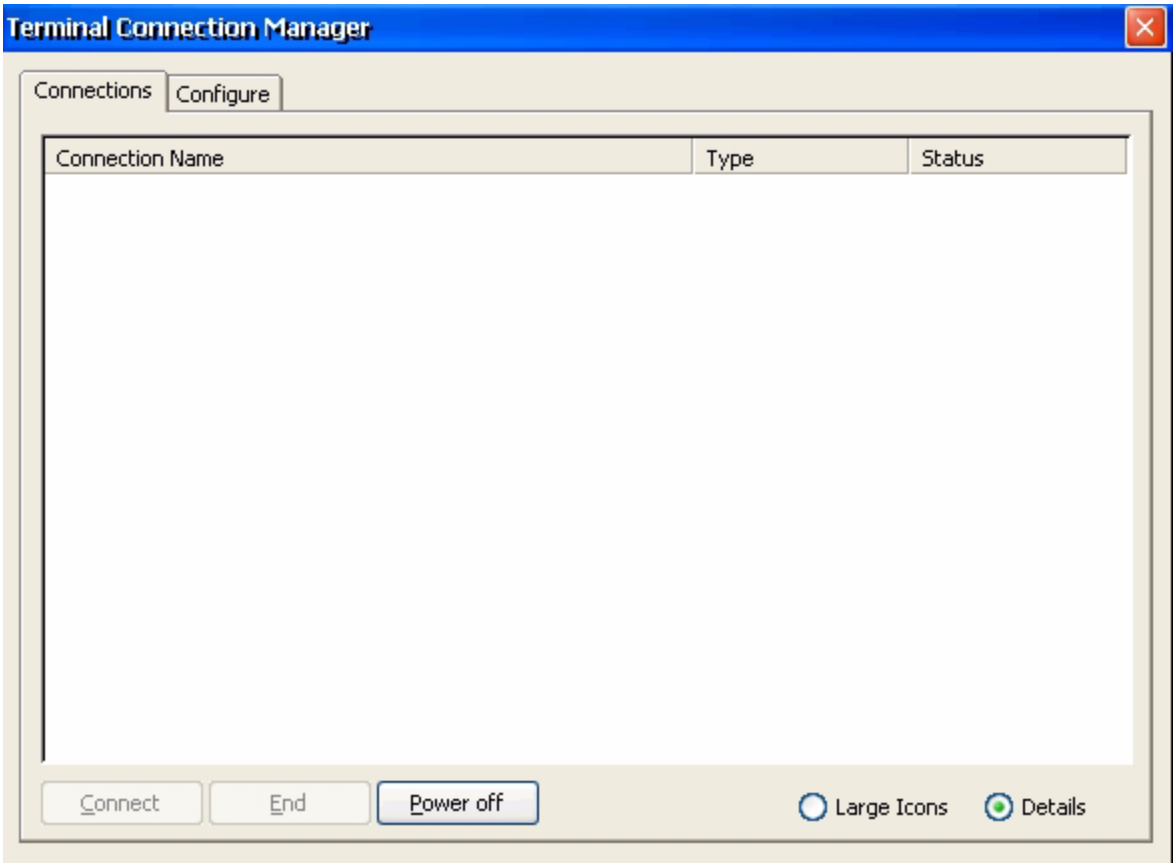
Terminal Properties - Firmware Tab

The Firmware configuration allows the user to upgrade the Thin Client firmware from a Windows machine on the LAN running the remote terminal manager. To update firmware from an FTP server on the thin client itself, the Server Name field must be completed and the Server Path to the firmware completed. Enter Login Information and select Upgrade.



CONNECTIONS MANAGER

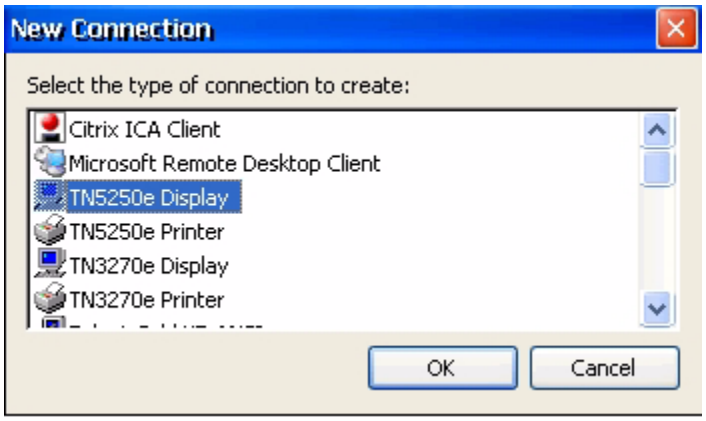
To access the connections manager select Start -> Settings -> Connection Manager.



Select the Configure tab to add or delete connections.

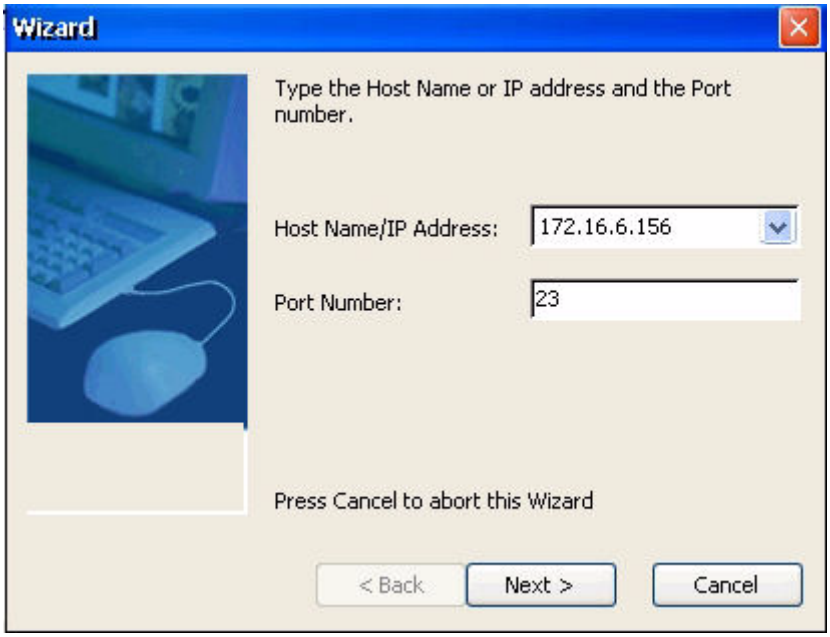
TN5250e Display

Select Add and then scroll down to select TN5250e Display

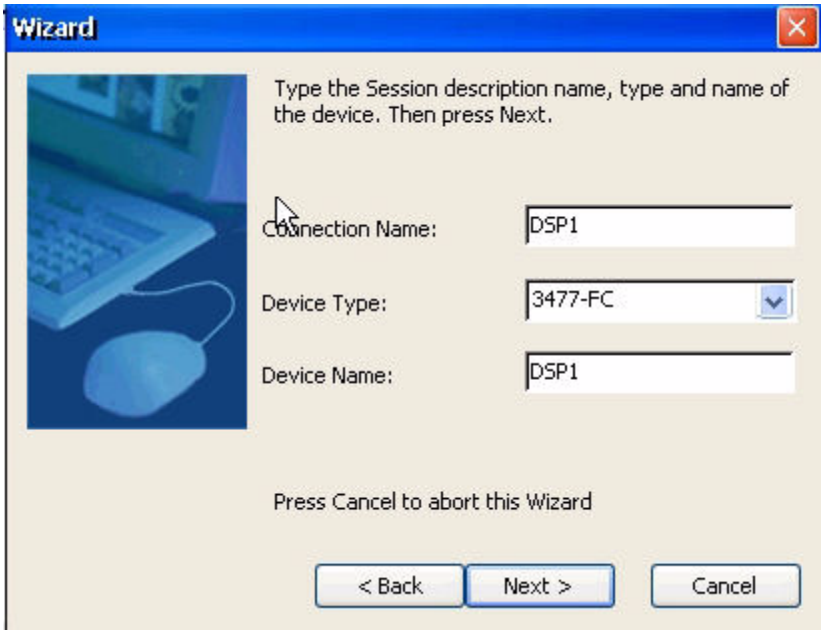


There are several options for the connection type in the list - for the 5250 display session select TN5250e Display.

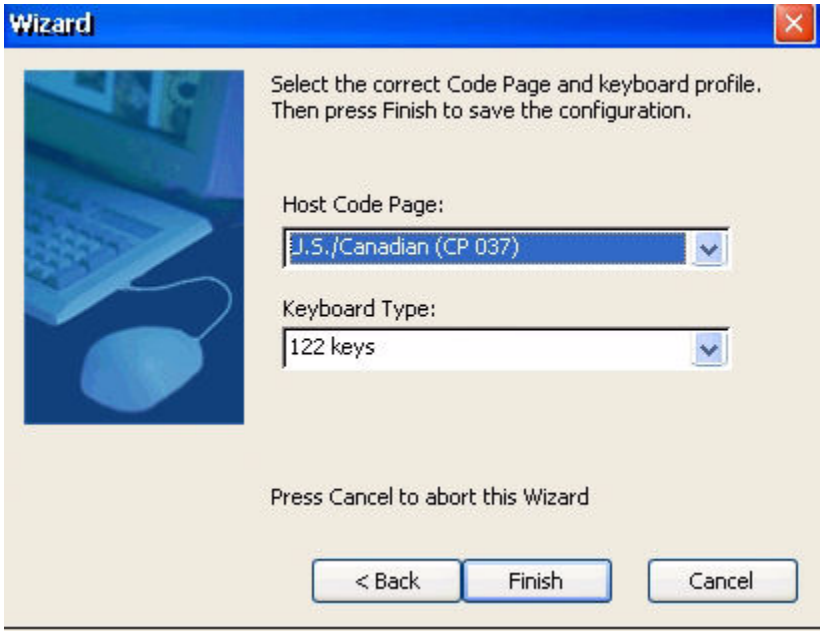
Enter the Host Name or IP address of the AS/400. Port Number is the default port for telnet. If this is changed, the AS/400 must be configured to accept connections on the non-standard telnet port.



The connection name is the name of the session on the thin client and the device name is the name of the device description on the AS/400

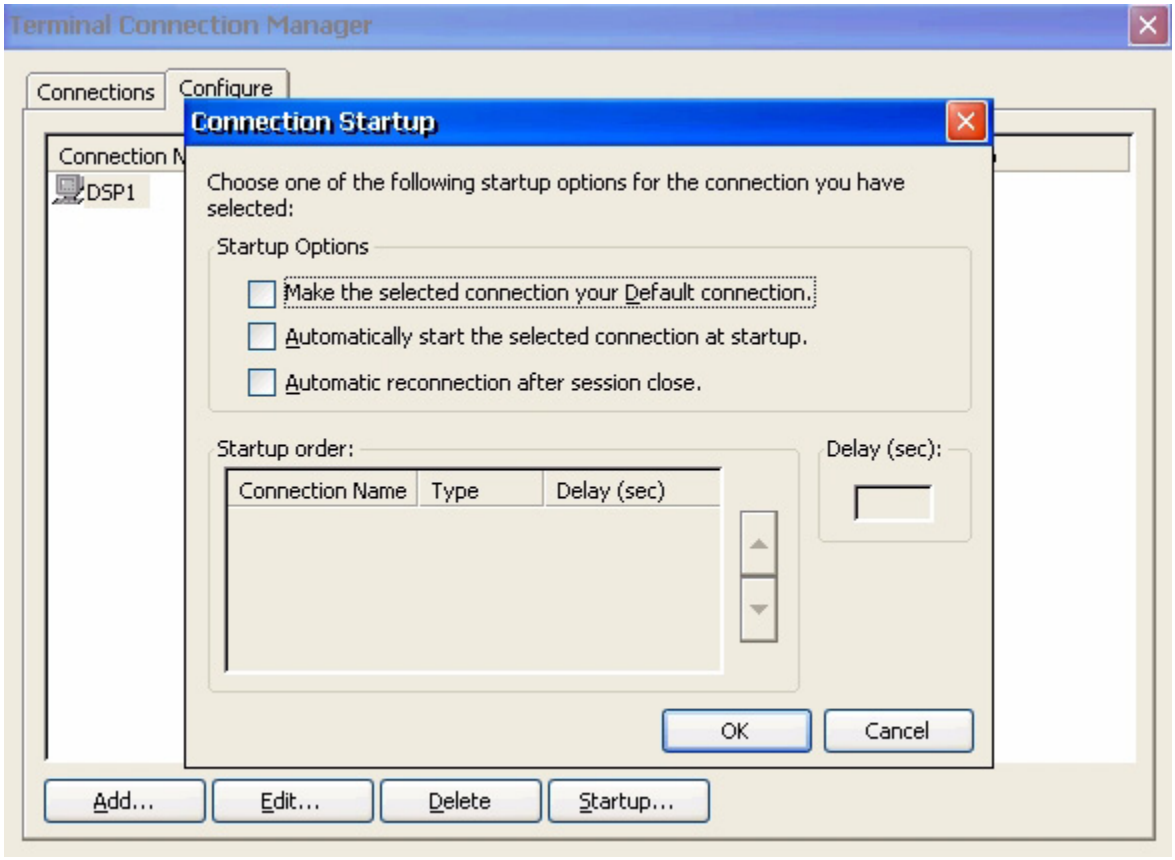


The wizard will auto detect the attached keyboard. If a 10ZiG 122 keyboard is attached, it will default to122 keys 10ZiG. If a standard 101/102 keyboard is attached it will default to 101 Terminal (right control = enter). For the enter key to be enter using a 101/102 keyboard, select 101 PC.



The connection will appear in the connection manager, as an ICON on the desktop and under programs from the start menu.

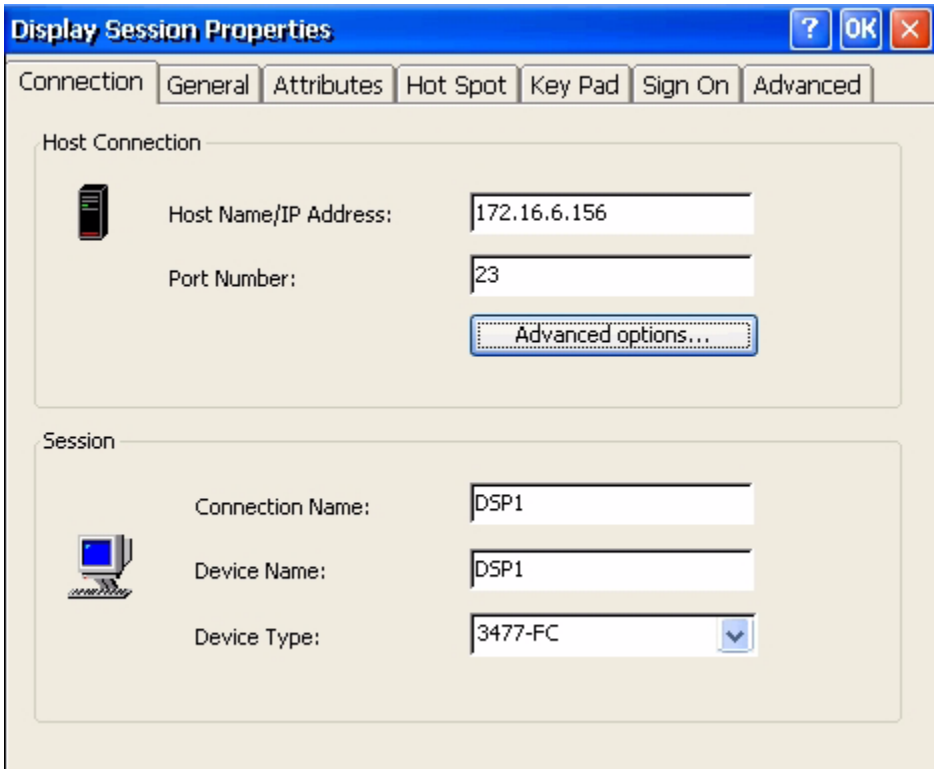
To change startup options select the connection and select starup at the bottom.



To modify the connection, highlight the connection name and select edit.

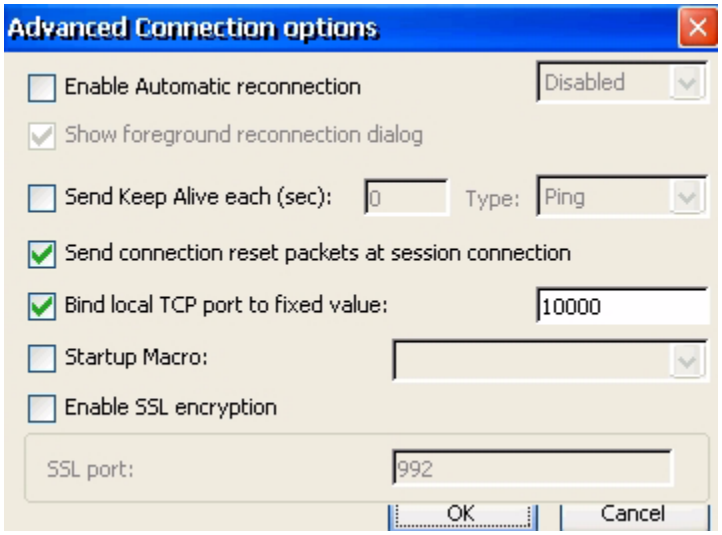
Display Session Properties - Connection Tab

Connection tab allows for changes to the host name/IP address and the port number. Also allows for session changes such as connection name, device name and device type. For advanced options, select Advanced options....



Enable Automatic reconnection - when enabled and the network connection is lost the unit attempts to reconnect the session - this works best when the connection between the unit and the host is local and does not go through a router.

Enabling Keep Alive each (sec) causes the unit to send a ping periodically to the AS/400 thus keeping the connection alive even when the unit is idle. Depending on the router type you may need to change the type to Telnet NOP.



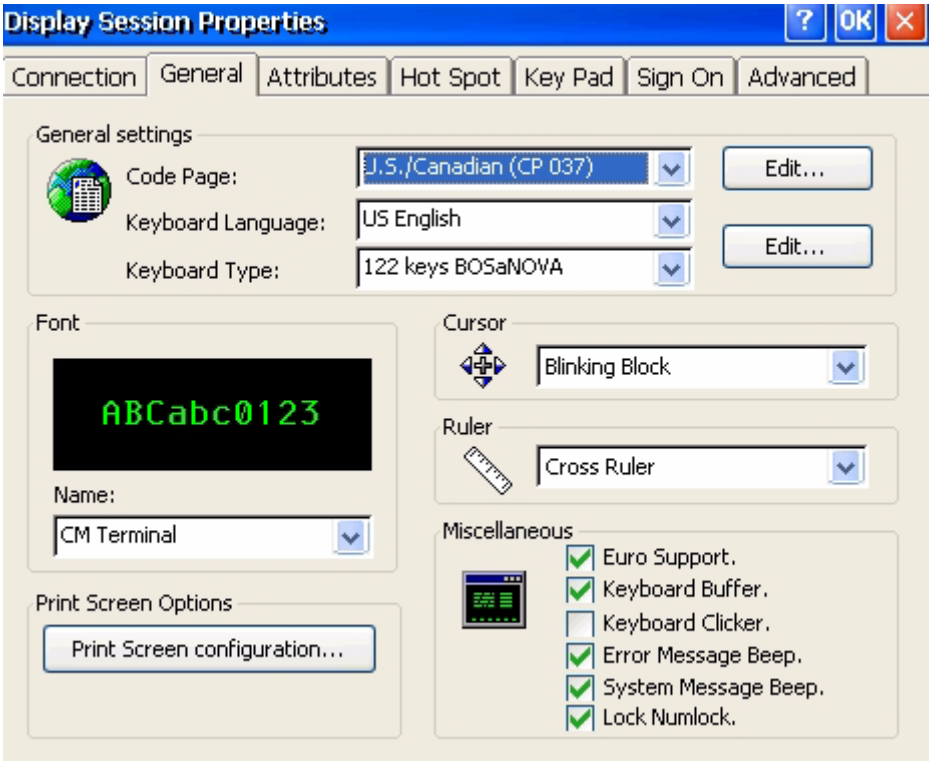
Note: Currently the iSeries only supports Telnet NOP.

Bind local TCP port to fixed value is the port the telnet session communicates back to the unit. All 5250 session will by default communicate to the AS/400 on port 23.

Startup Macro: Do no check unless directed to do so by technical support.

Display Session Properties - General Tab

Allows for changes to Code Page, Keyboard Language, Keyboard Type, Cursor options, Ruler options, Print Screen Configuration and other Miscellaneous options.



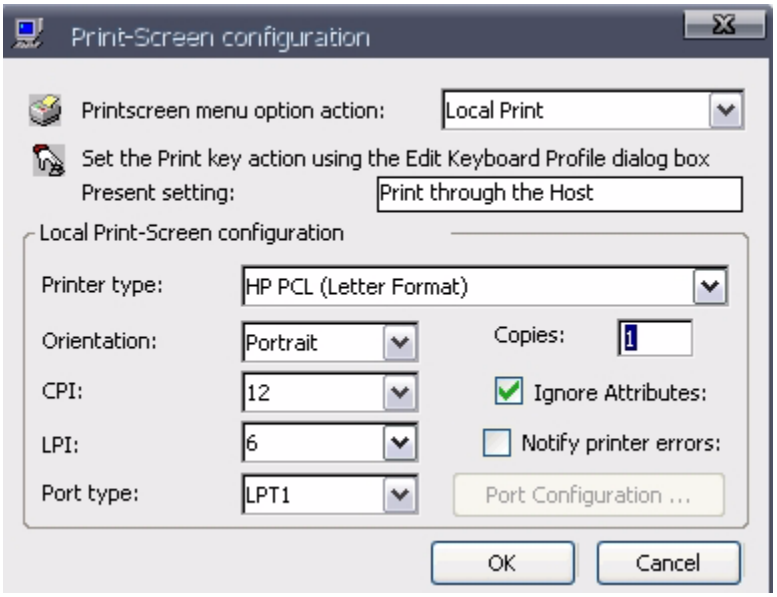
Font options are CM Terminal or Courier New

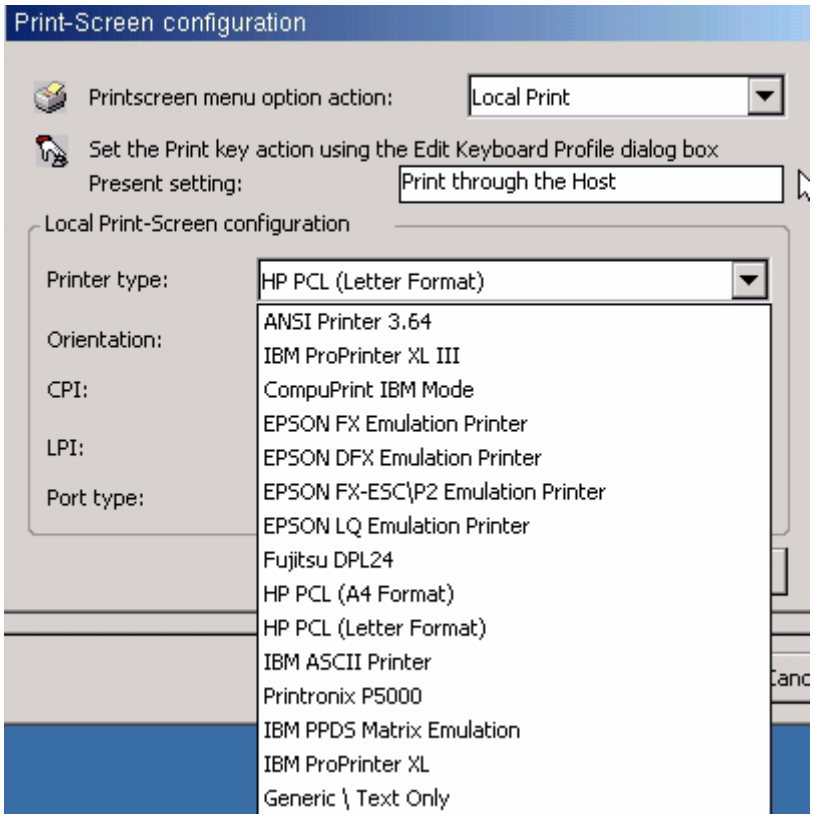
Cursor options are Blinking Block, Blinking Line, Non-Blinking Block, or Non-Blinking Underline.

Ruler options are Cross Ruler, Horizontal Ruler or Vertical Ruler.

Miscellaneous options can be turned on and off by checking or unchecking associated boxes.

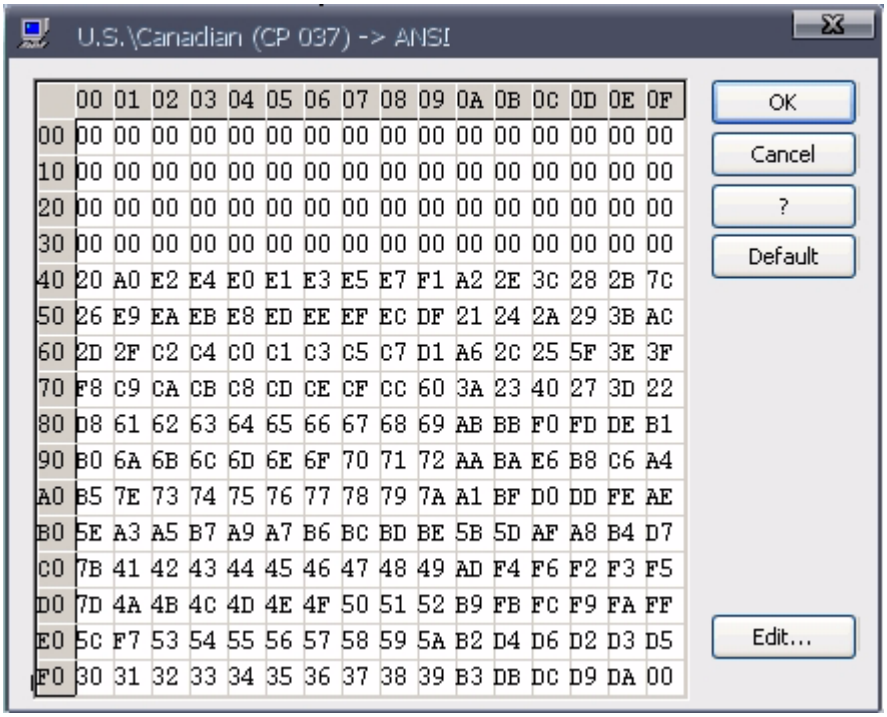
Printscreen menu option action determines if the print screen key can be set to Local Print, Print through the Host or Function Disabled.





Printer type is limited to built in drivers, select the closest match. If in doubt, try Generic/Text Only or use Host Print Transform.

To edit the code page select edit to the right of Code Page.



	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
10	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
20	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
30	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
40	20	A0	E2	E4	E0	E1	E3	E5	E7	F1	A2	2E	3C	28	2B	7C
50	26	E9	EA	EB	E8	ED	EE	EF	EC	DF	21	24	2A	29	3B	AC
60	2D	2F	C2	C4	C0	C1	C3	C5	C7	D1	A6	2C	25	5F	3E	3F
70	F8	C9	CA	CB	C8	CD	CE	CF	CC	60	3A	23	40	27	3D	22
80	D8	61	62	63	64	65	66	67	68	69	AB	BB	F0	FD	DE	B1
90	B0	6A	6B	6C	6D	6E	6F	70	71	72	AA	BA	E6	B8	C6	A4
A0	B5	7E	73	74	75	76	77	78	79	7A	A1	BF	D0	DD	FE	AE
B0	5E	A3	A5	B7	A9	A7	B6	BC	BD	BE	5B	5D	AF	A8	B4	D7
C0	7B	41	42	43	44	45	46	47	48	49	AD	F4	F6	F2	F3	F5
D0	7D	4A	4B	4C	4D	4E	4F	50	51	52	B9	FB	FC	F9	FA	FF
E0	5C	F7	53	54	55	56	57	58	59	5A	B2	D4	D6	D2	D3	D5
F0	30	31	32	33	34	35	36	37	38	39	B3	DB	DC	D9	DA	00

Code page is the traditional IBM term used for a specific character encoding table: a mapping in which a sequence of bits, usually a single octet representing integer values 0 through 255, is associated with a specific character.

5250/3270 communication is encoded using EBCDIC. The code page is a lookup table which converts EBCDIC to ASCII to display and/or print the data.

For printer sessions, sometimes the AS400 applications will send special EBCDIC characters to control the printer. (ie - specifically for barcodes). In this case it may be necessary to modify the transcode table to select the proper ASCII code required by the printer.

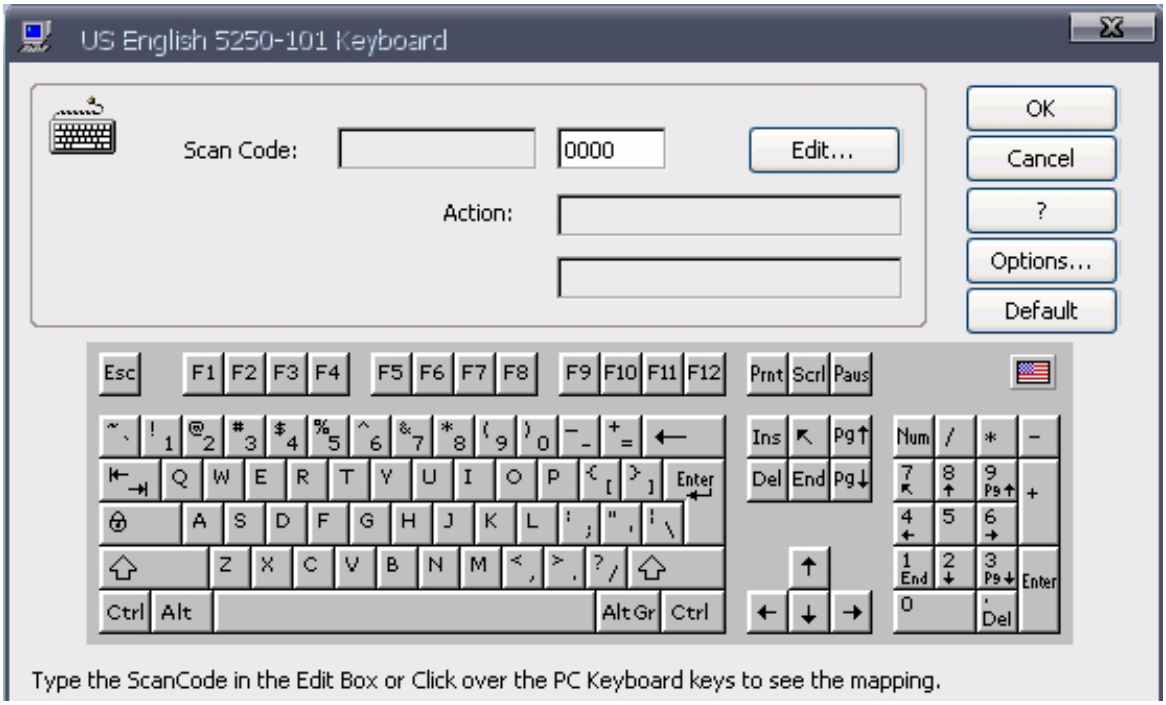
For instance an application may send an EBCDIC 'B0' as the start barcode command. By default this is mapped to an ASCII 0x5e - '^'. Sometimes the barcode printer will require an ASCII 0x24 - '$'. In this case you can edit the transcode table entry for EBCDIC 'B0' and change it from 0x5e to 0x24.

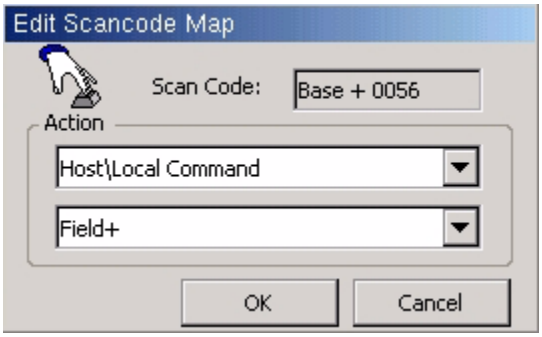
When editing the transcode table the vertical rows are the MSB of the EBCDIC code, while the horizontal cols are the LSB of the EBCDIC code. So for EBCDIC 0xB0, go to the B0 row and the 00 column.

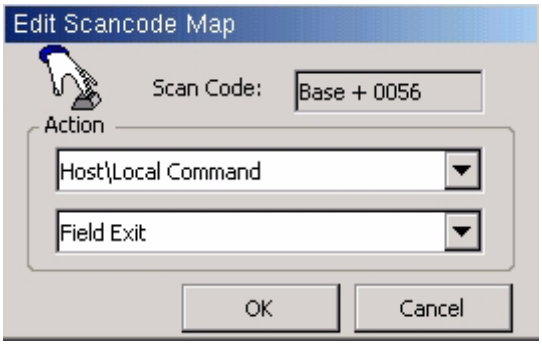
Remapping the Keyboard

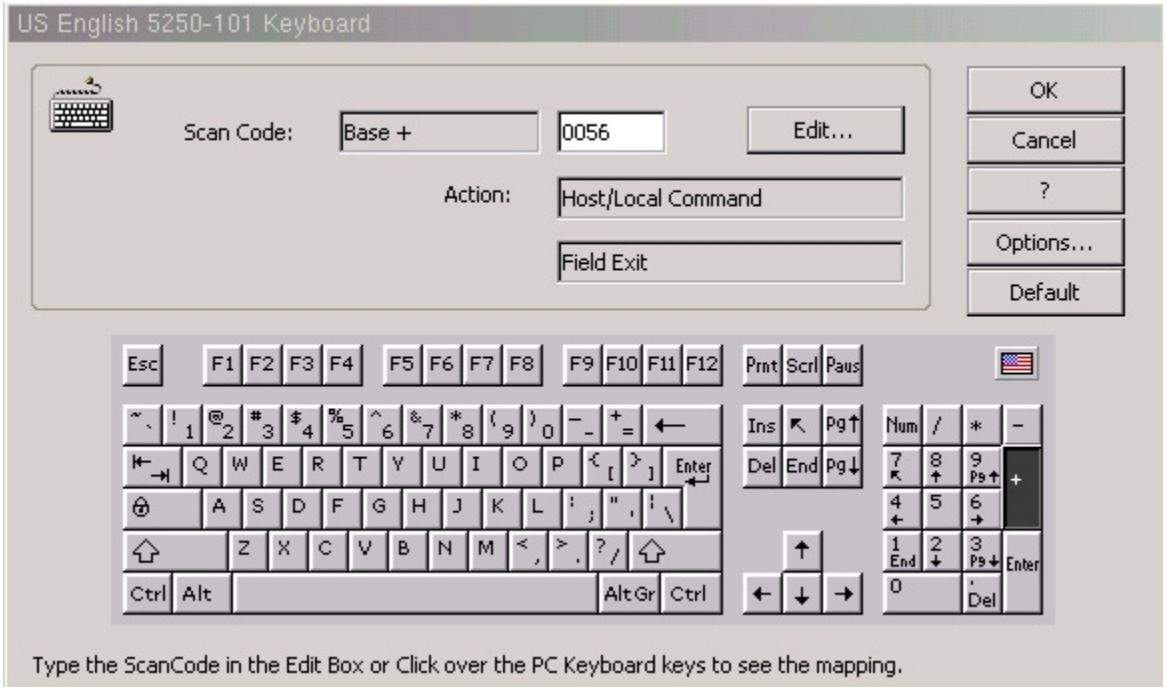
Select Edit to the right of the keyboard type to edit the keyboard.

To modify a key, select the key with the mouse. Action will change accordingly. Select Edit and then change the action to the desired command.

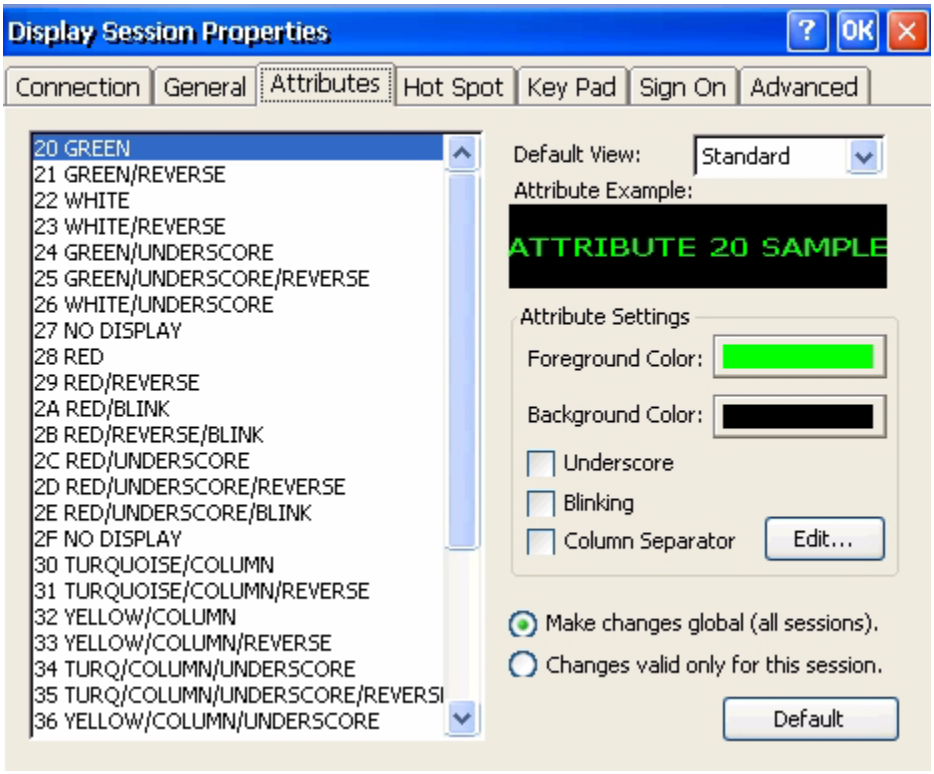




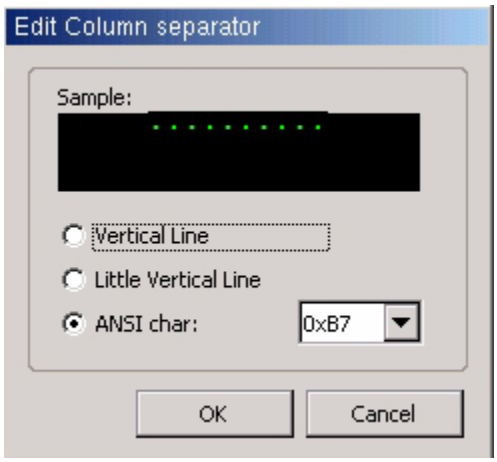

Edit Scancode Map
Scan Code:
Base + 0056
Action
Host\Local Command
Field Exit
OK
Cancel


US English 5250-101 Keyboard
Scan Code:
Base +
0056
Edit...
Action:
Host/Local Command
Field Exit
OK
Cancel
?
Options...
Default
Type the ScanCode in the Edit Box or Click over the PC Keyboard keys to see the mapping.

Display Session Properties - Attributes Tab

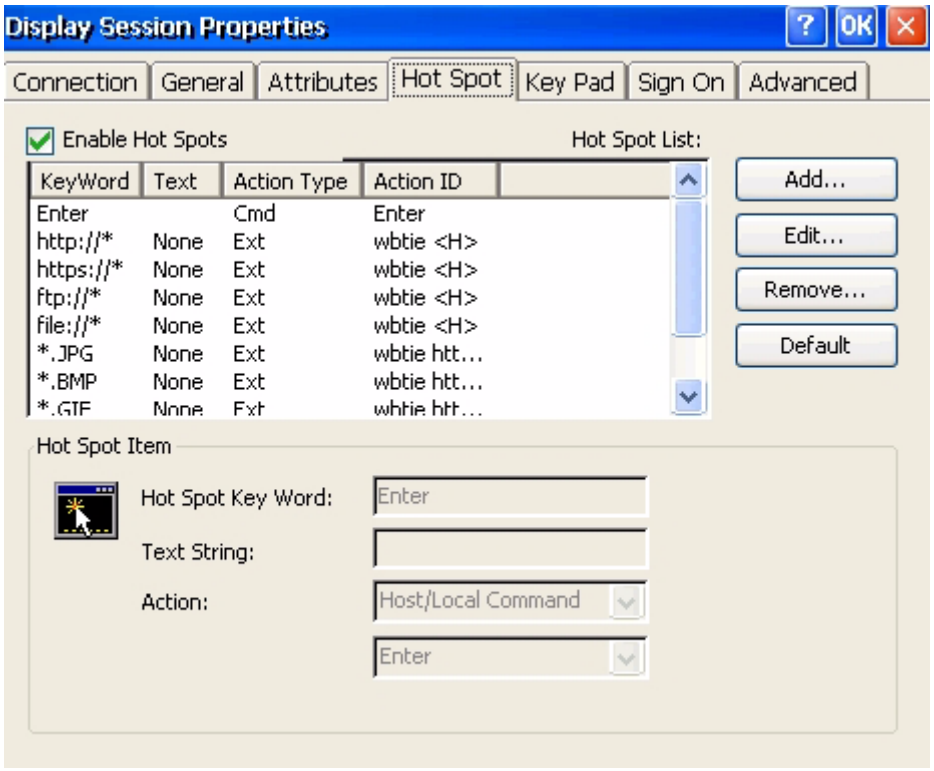


To change the column separator character select the Edit option to the right of the Column Separator.



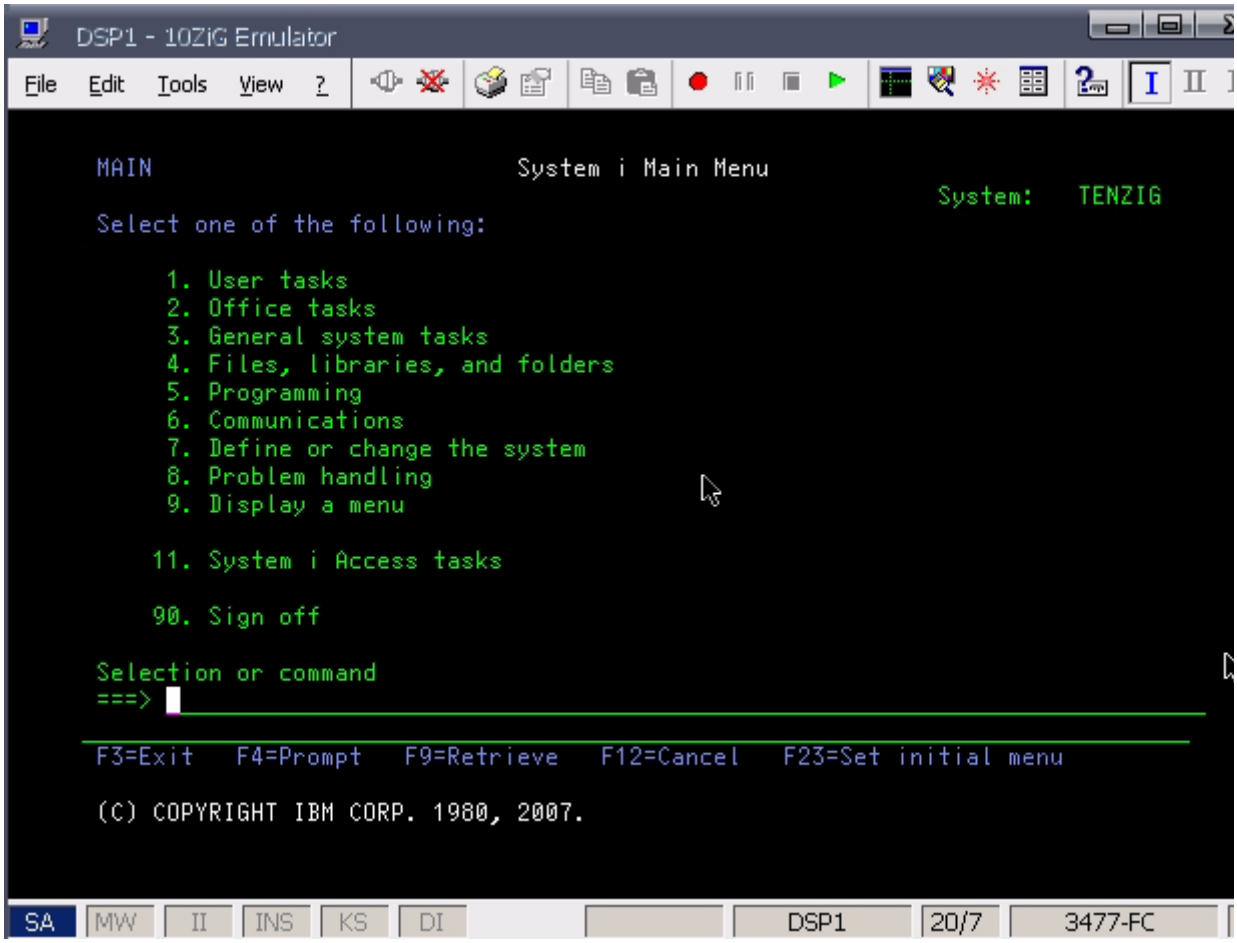
Display Session Properties - Hot Spot Tab

This option allows you to Add, Edit or Remove Hot spots.



Example of hot spot designed to run a macro that signs the user off of the host:

Record a macro by selecting the red circular ICON. Type the commands for the macro and save it. For this example a macro is recorded that types signoff and selects enter. Macro name is saved as signoff.

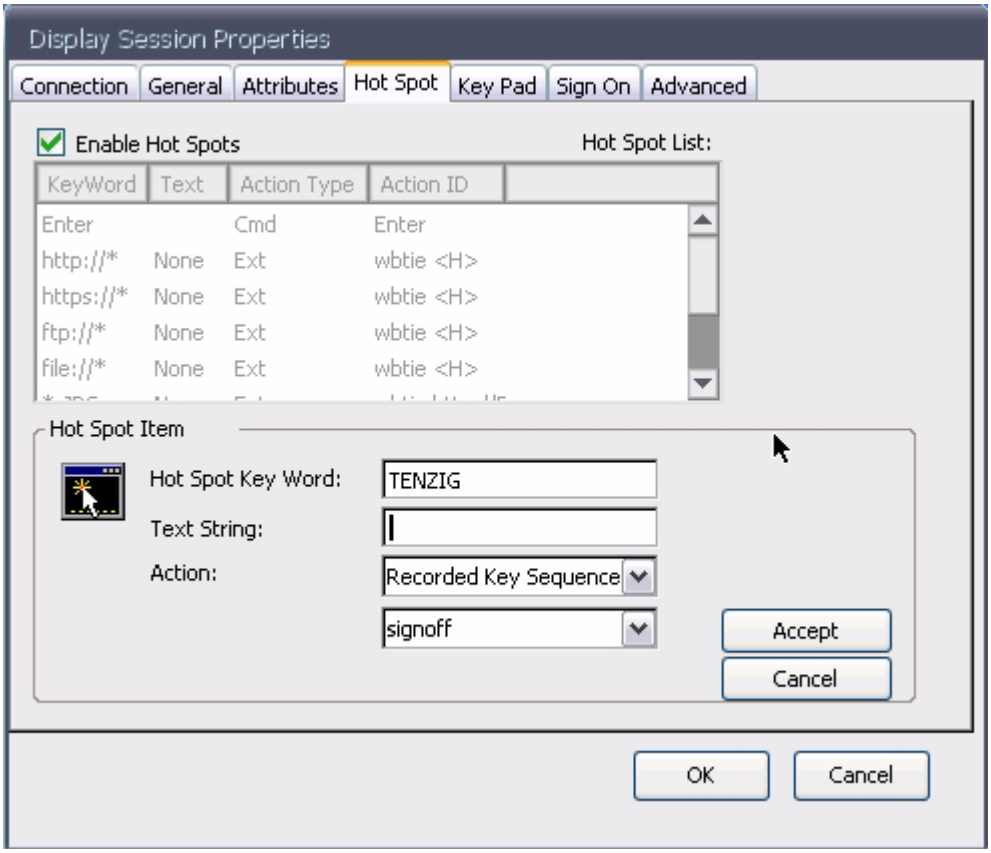


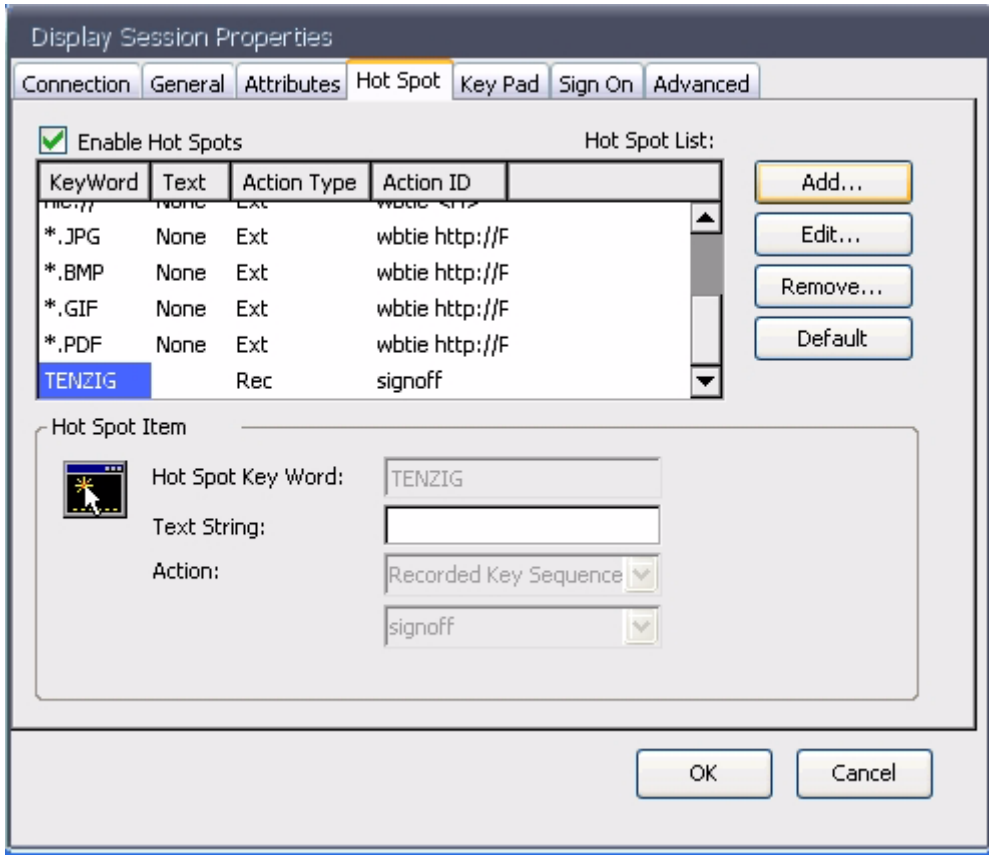
Hot Spot Key Word is TENZIG - the system name that is displayed in the upper right corner of the display.

Text String is left blank.

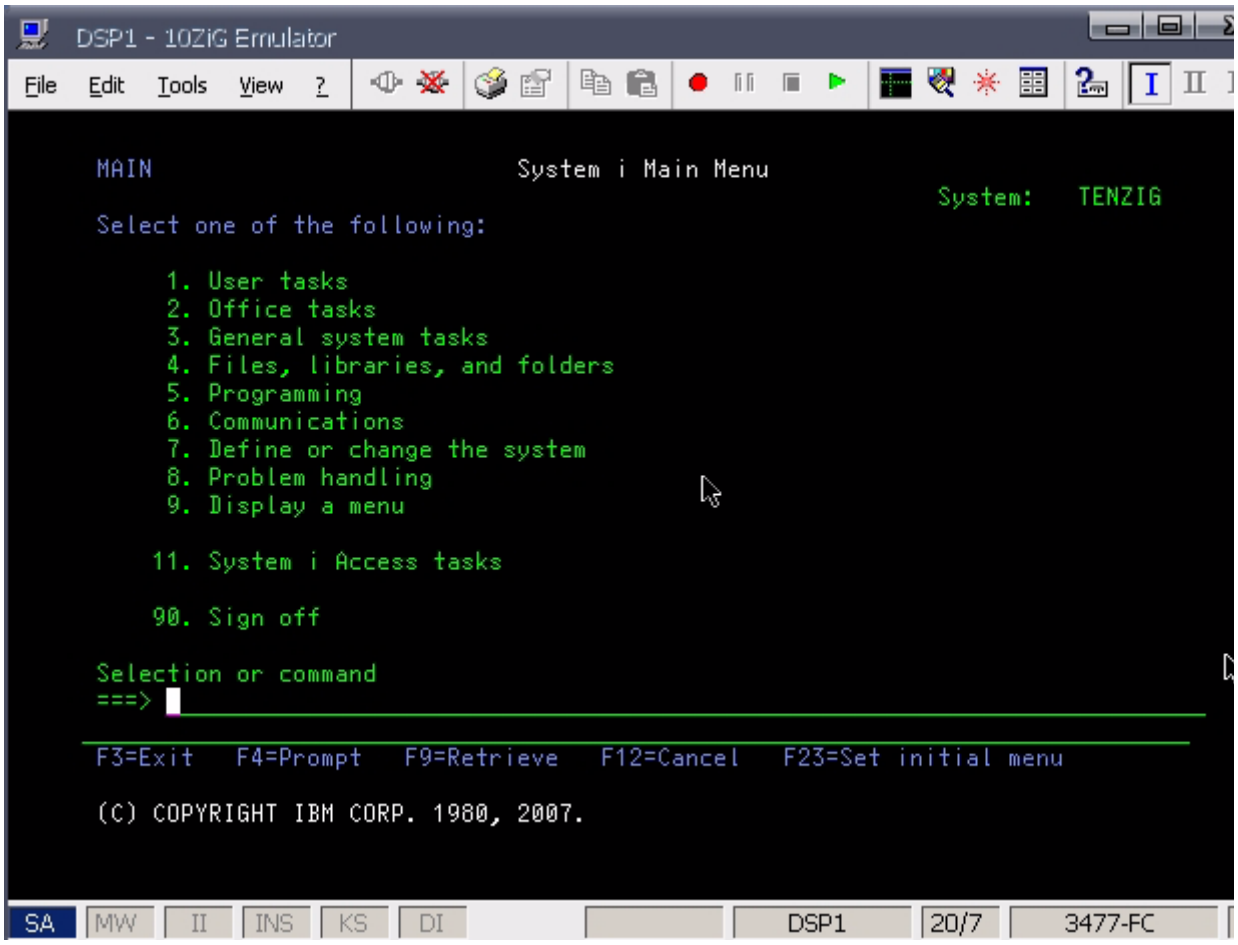
Selected Action is Recorded Key Sequence.

Action is the name of the created Macro



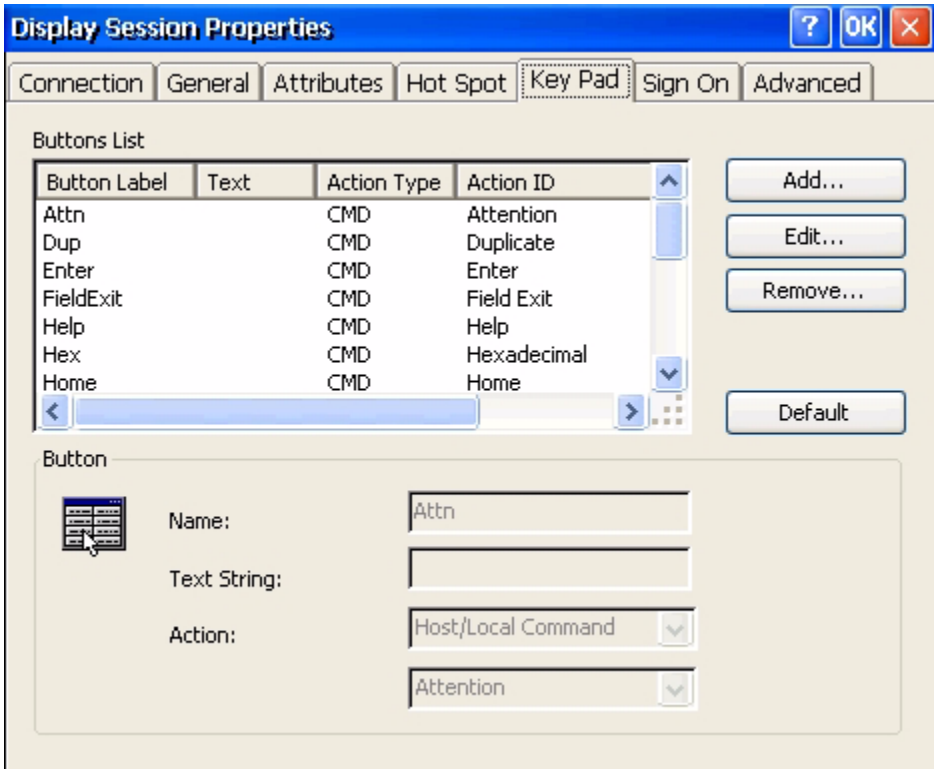

Display Session Properties
Connection
General
Attributes
Hot Spot
Key Pad
Sign On
Advanced
Enable Hot Spots
Hot Spot List:
KeyWord
Text
Action Type
Action ID
*.JPG None Ext wbtie http://F
*.BMP None Ext wbtie http://F
*.GIF None Ext wbtie http://F
*.PDF None Ext wbtie http://F
TENZIG Rec signoff
Add...
Edit...
Remove...
Default
Hot Spot Item
Hot Spot Key Word:
TENZIG
Text String:
Action:
Recorded Key Sequence
signoff
OK
Cancel

When signed on to the host, double click on TENZIG in the upper right hand of the screen and the macro named signoff will run.

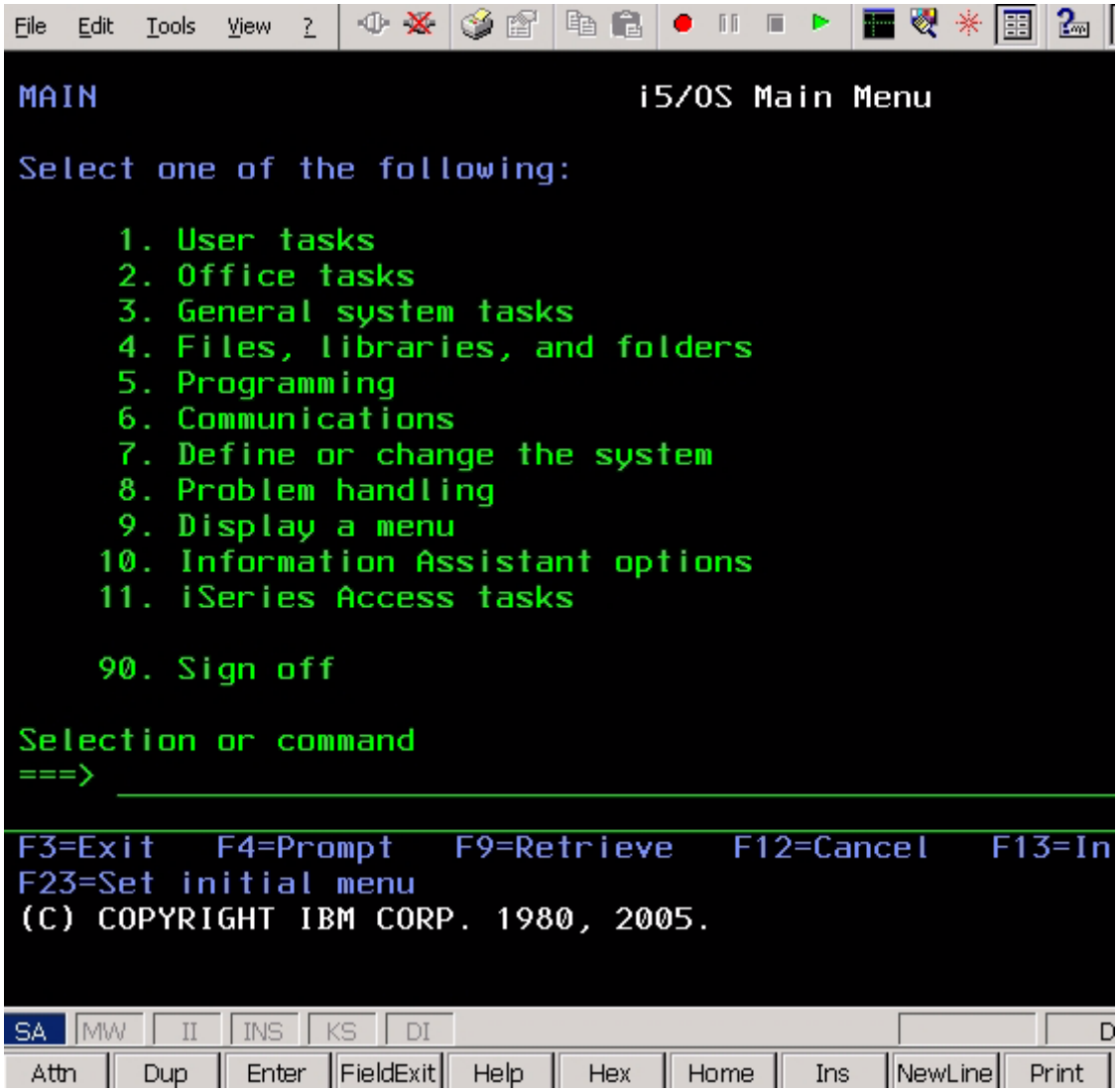


Display Session Properties - Keypad Tab

This option allows to change the options on the keypad that can be displayed in a 5250 session You can Add, Edit or Remove commands on the keypad buttons.



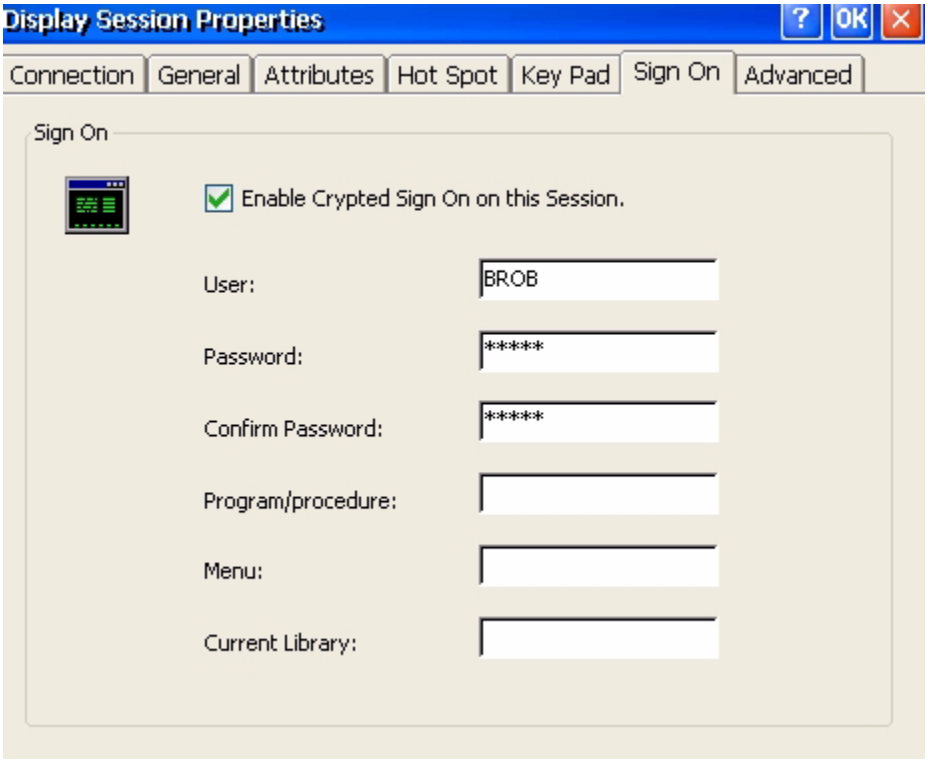
Display Keyboard Pad displays at the bottom of the 5250 screen.:



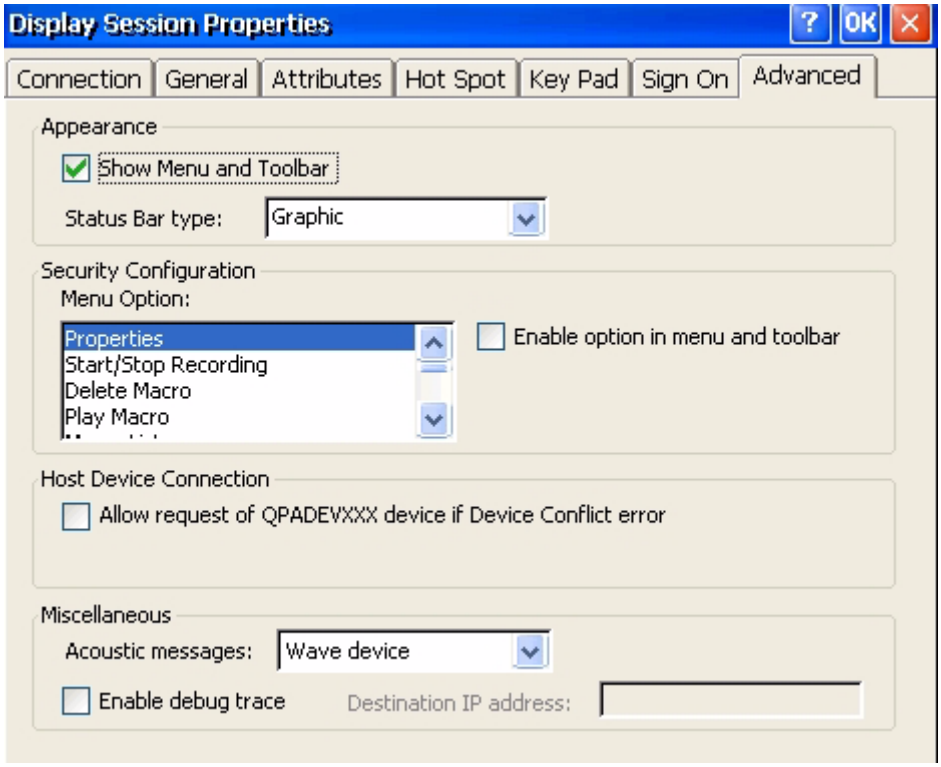
Display Session Properties - Sign On Tab

To bypass the signon screen and signon automatically, complete the screen below with the proper credentials.

NOTE: The system value QRMTSIGN on the iSeries must be set to *VERIFY for this to work.



Display Session Properties - Advanced Tab



Appearance - option allows to show menu and toolbar or hide it. Use the drop down Status Bar type: to change the status bar.

For a 5250 session that looks more like a terminal session, uncheck “Show Menu and Toolbar” and select “Classic” as the Status Bar type.

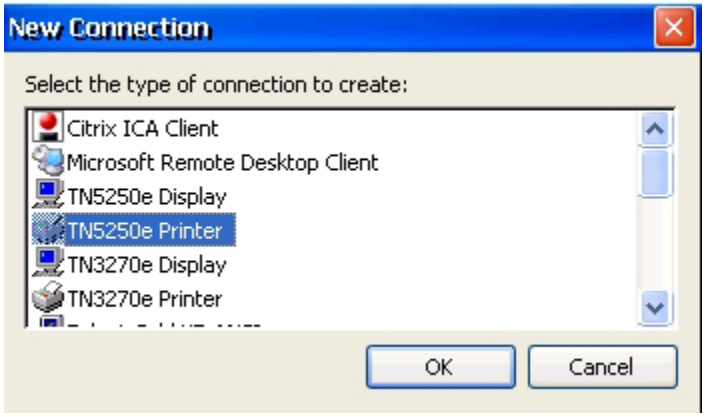
Security Configuration - option allows to enable or disable specific functions on the toolbar.

Host Device Connection - check to allow the use of a default host name if there is a device conflict error.

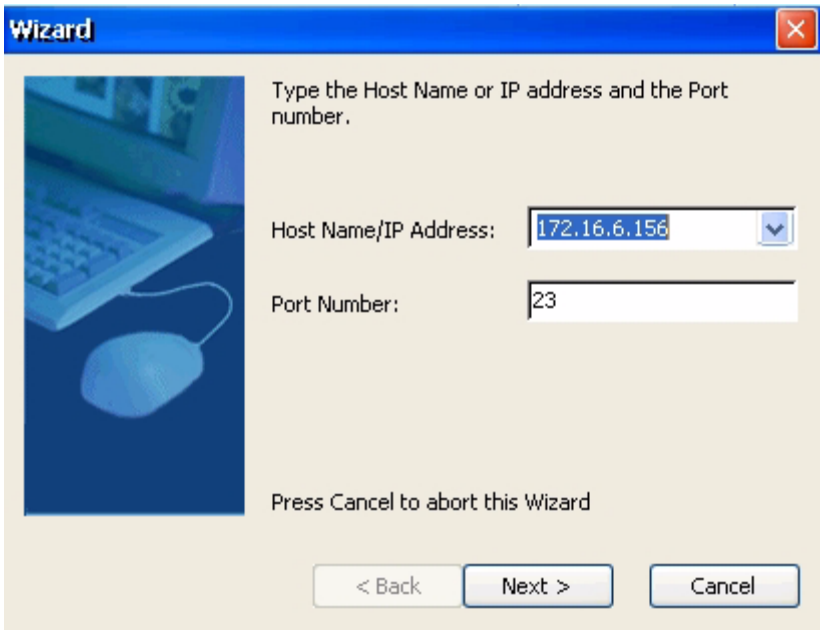
Miscellaneous - do not change any of these options unless instructed to do so by a 10ZiG technical support engineer.

TN5250e Printer

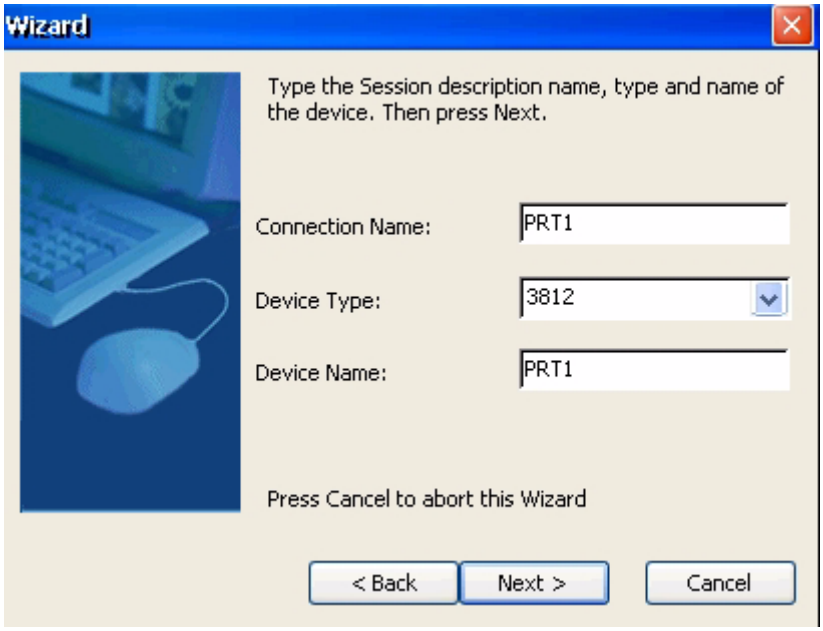
To create a TN5250e printer session select add TN5250e printer and run through the wizard.

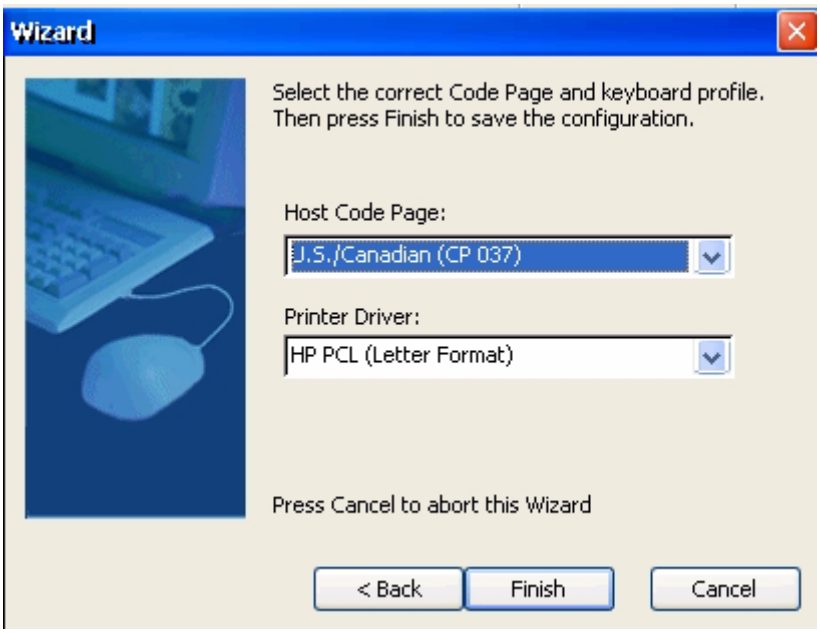


Enter the Host Name or IP of the host and the default port should be left at 23.

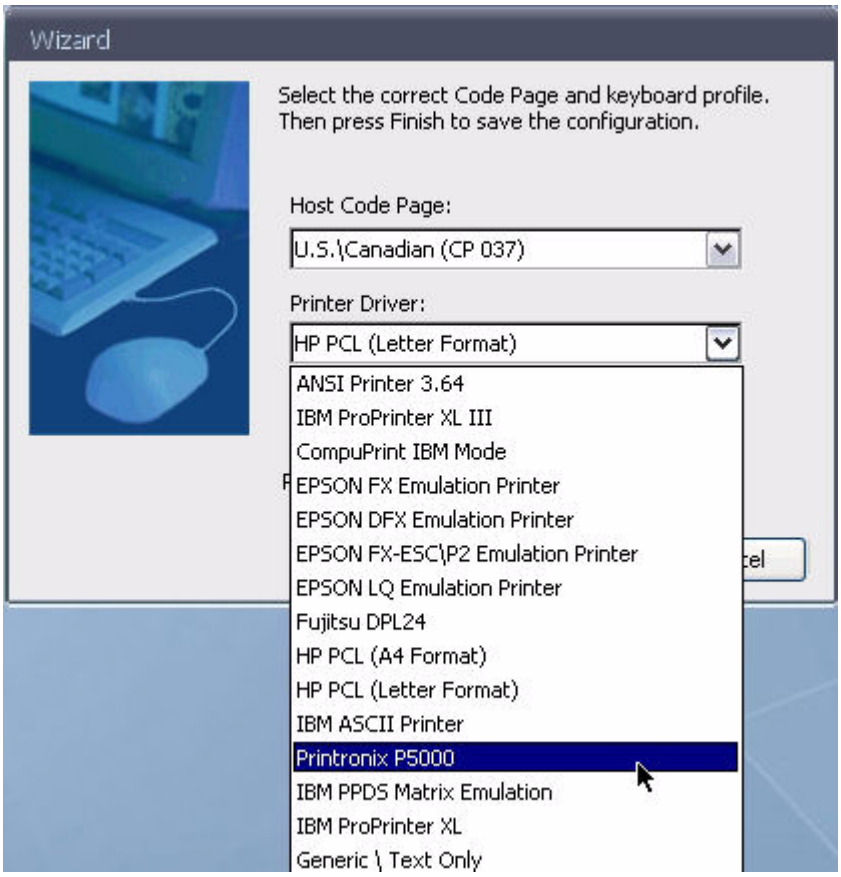


Enter the connection name - the name to be associated with the printer session ICON and the name displayed in the connection manager. Enter the Device Name which will be the printer name on the host when created.



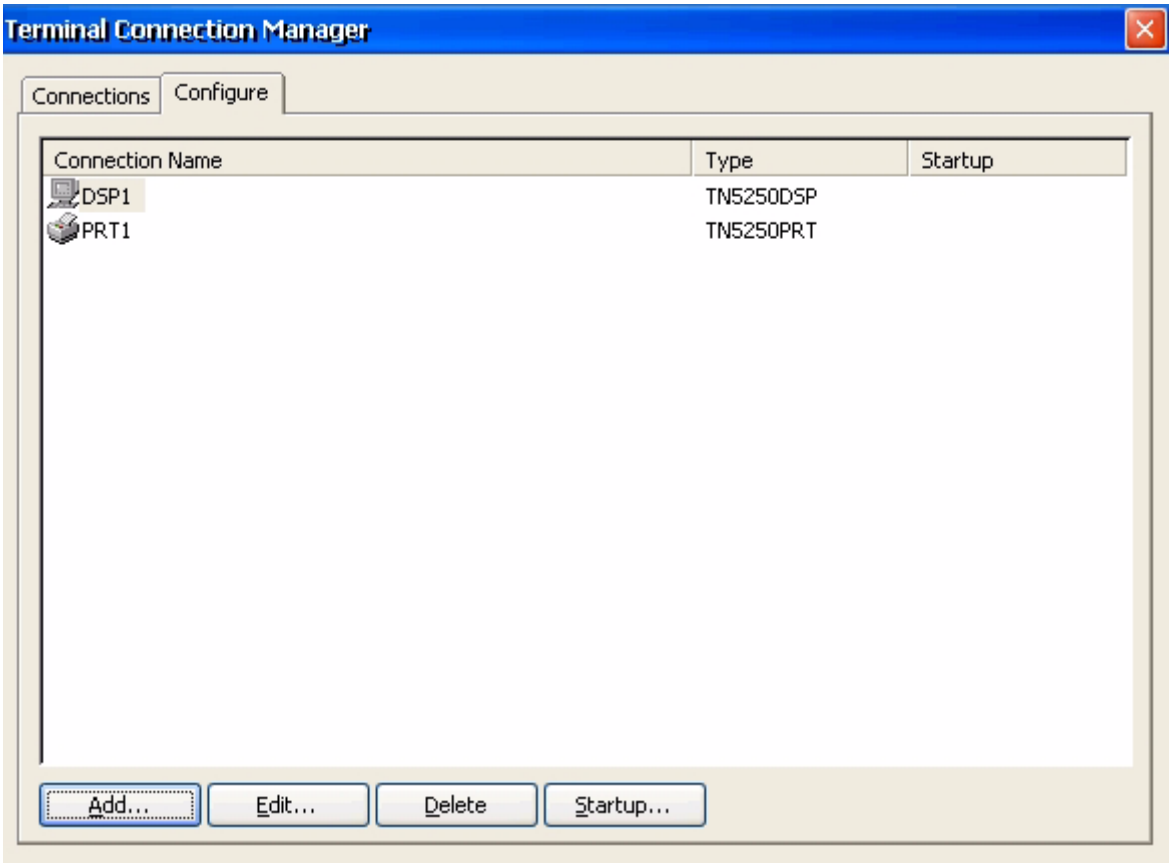


Select the printer driver closest related to the attached printer.

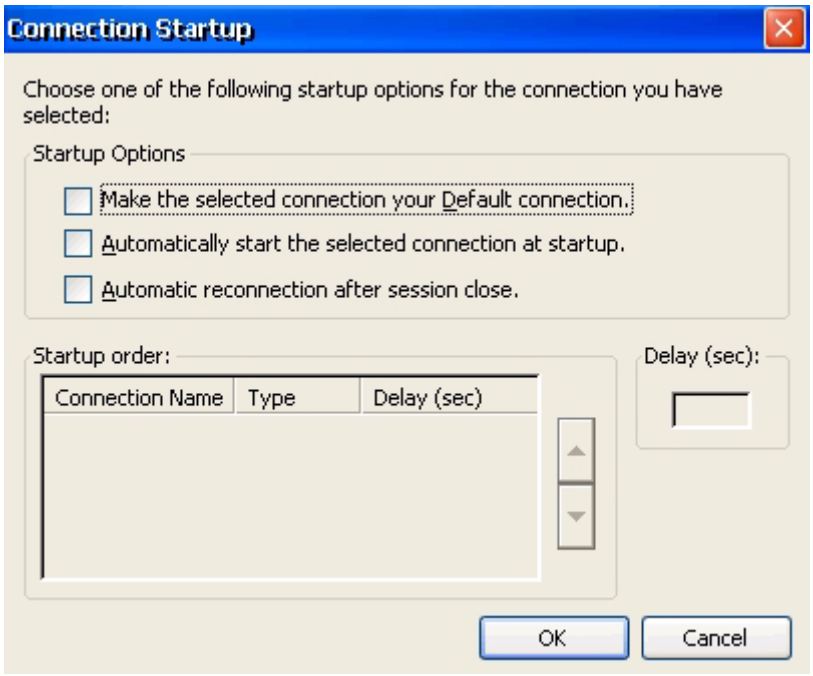


If unsure of the printer driver, try Generic\Text Only and/or use Host Print Transform in the Advanced tab.

Upon completion of the wizard an ICON will be placed on the desktop and the printer session can now be found in the Connections Manager window.



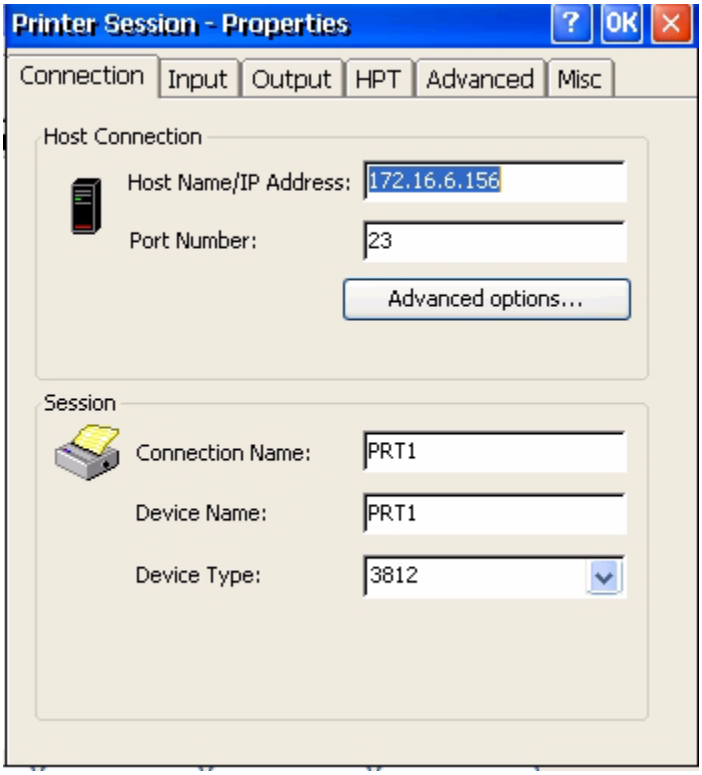
To start a session on startup, highlight the session in the connection manager and select the startup option at the bottom of the screen.



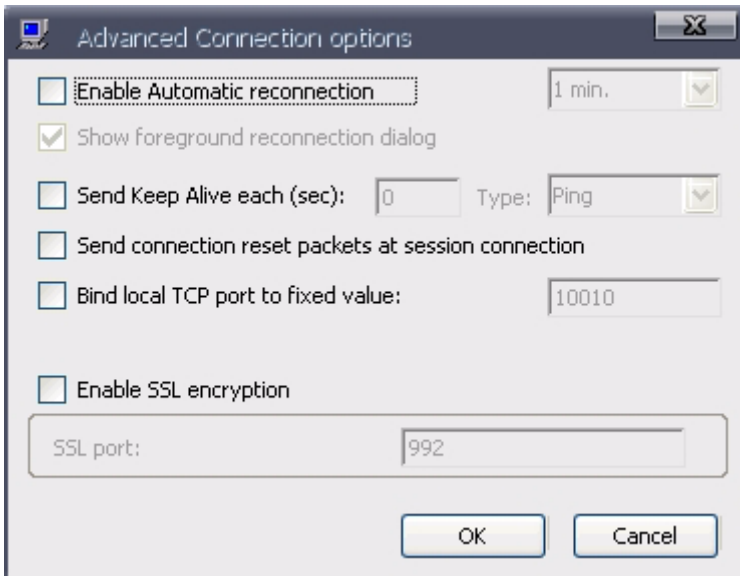
Enable this connection as the Default connection along with Enable connection autostart will enable primarly session when autostarting sessions.

To make changes to the printer session, highlight the session and select Edit or right click on the desktop ICON and select Properties. To delete a session highlight the session and select Delete.

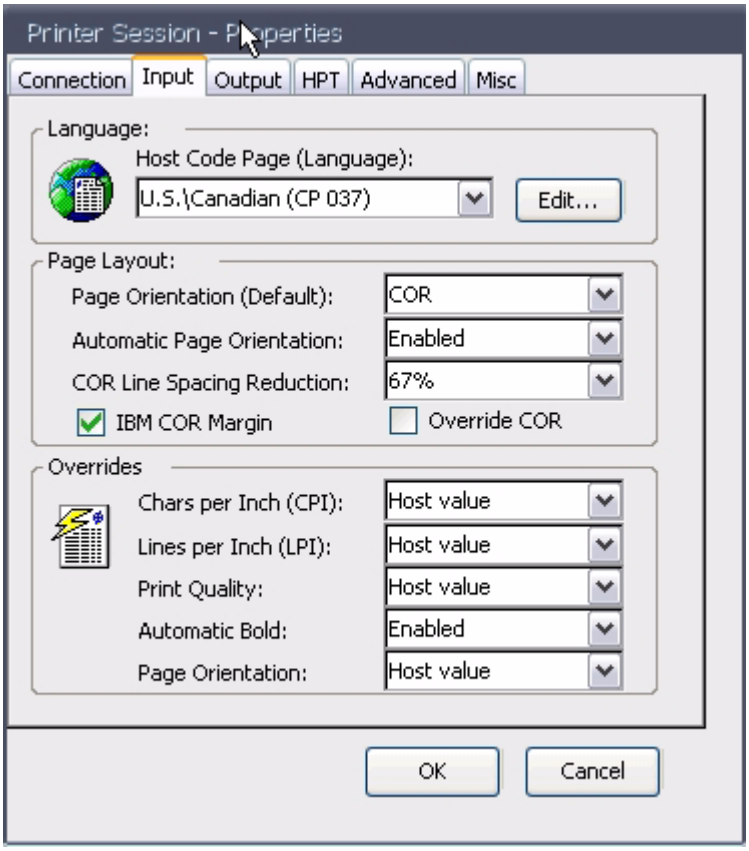
Printer Session - Properties - Connection Tab



Advanced Options:



Printer Session - Properties - Input Tab



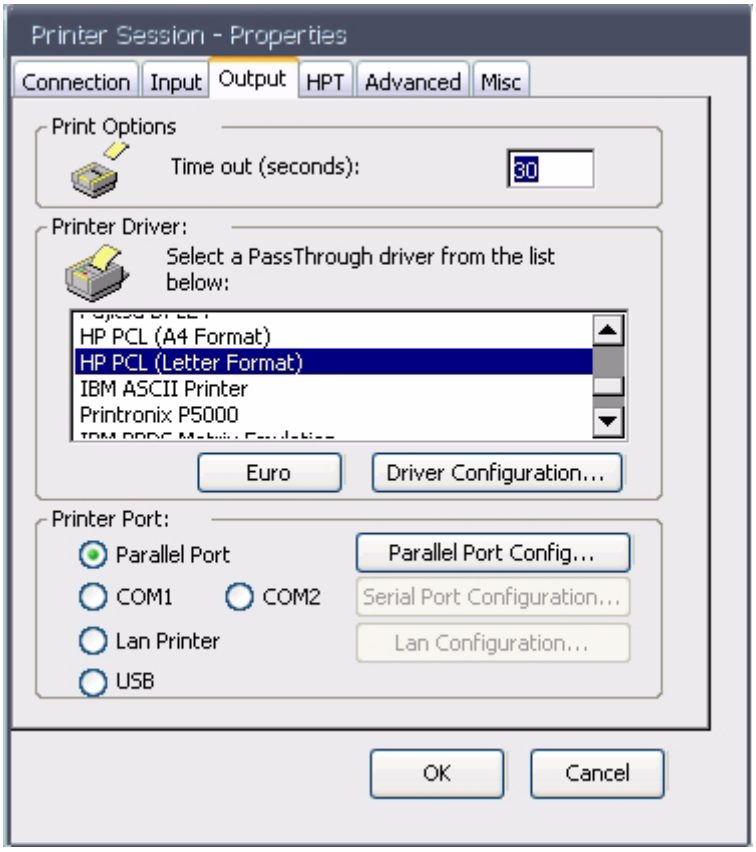
Computer output reduction (COR) automatically takes standard reports on computer paper and reduces them to fit on 8-1/2 by 11 inch paper. COR is designed to handle reports created at 66 lines per page and 132 print positions per line.

Changes the default page orientation to specify how to print a document on the workstation printer. If the orientation is explicitly set by the eServer i5 or iSeries page setup code, the explicit orientation is used.

Specify the compression percentage of the vertical line spacing to fit all the lines into the page. The default value is 67%.

Printer Session - Properties - Output Tab

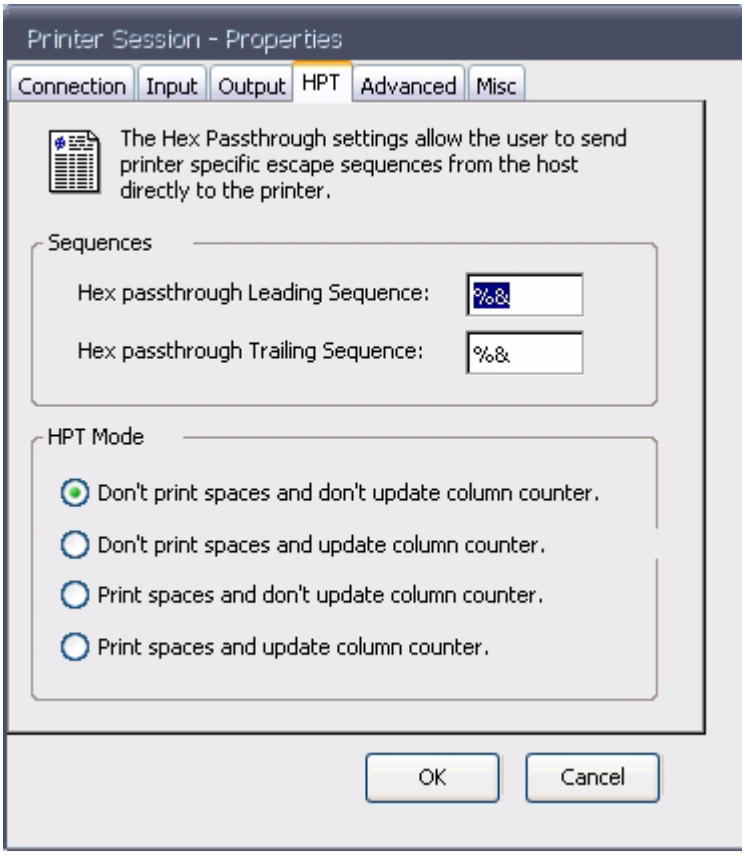
The printer driver seen here will be the printer driver selected when the printer session wizard was run.



The timeout is the time that is elapsed before we notify the host that the printer is offline and/or unreachable.

For a locally attached printer, normally you want a smaller timeout. For a network printer, you want something that allows for network delays, etc.

Printer Session - Properties - HPT Tab



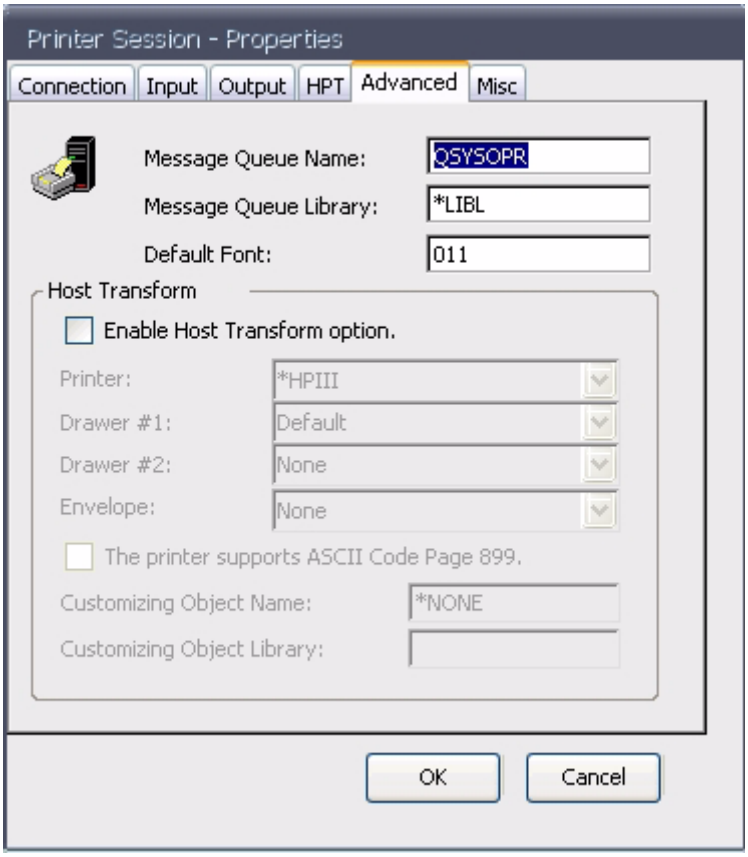
Some AS400 applications send "raw" sequences of commands to the printer - for instance to create custom overlays when using PCL. These commands should not be interpreted by the printer engine and are called hex passthru sequences. They are usually delimited by special characters so the printer engine can pass the data directly to the printer.

The "special" delimiting sequences depend on the application and may be different.

The other options are used to allow correct alignment when using passthru - again this varies from application to application.

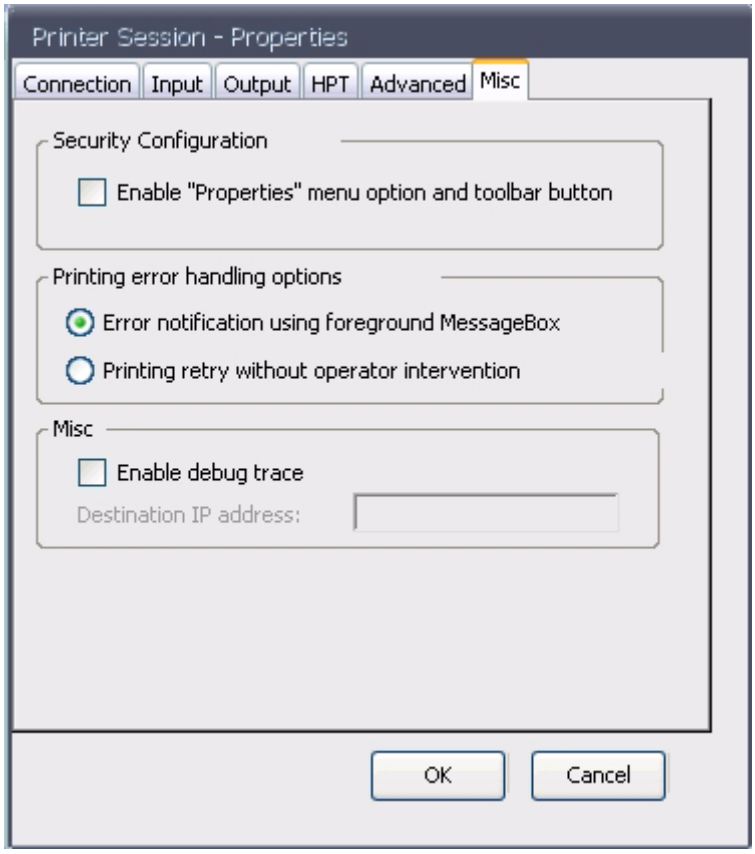
Printer Session - Properties - Advanced Tab

To use **Host Print Transform**, set the printer driver in the **Output Tab** to Generic/Text Only. Check the **Enable Host Transform Option** and set the printer type or to use a customized object, set the printer to ***WSCST** and enter the **Customizing Object Name** and **Customizing Object Library** in the area below.



NOTE: For best results try to use one of the included printer drivers and avoid using HPT.

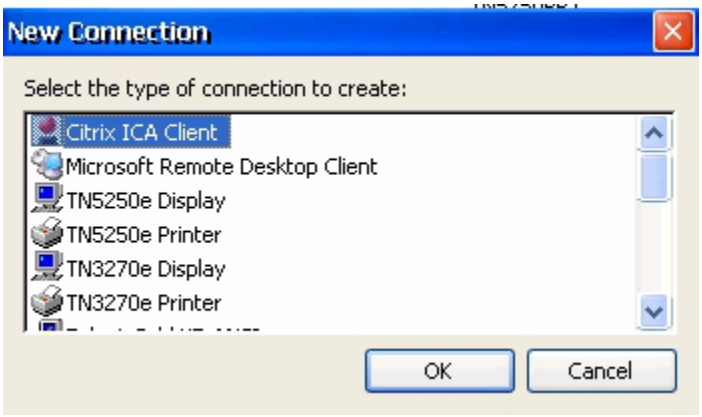
Printer Session - Properties - Misc Tab



CITRIX ICA CLIENT

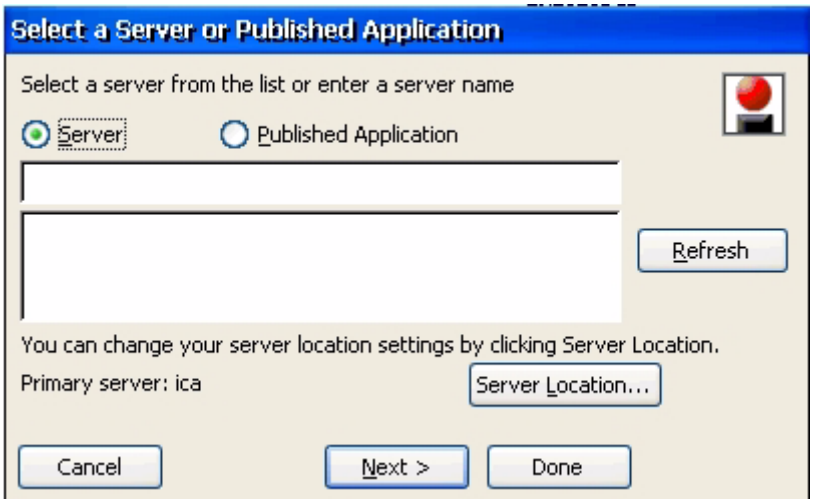
From the connections manager select add and choose Citrix ICA Client from the drop down list.

NOTE: Global ICA configuration and resources can be set prior to creating the ICA connection. Global settings can be found in the Terminal Properties Misc Tab.

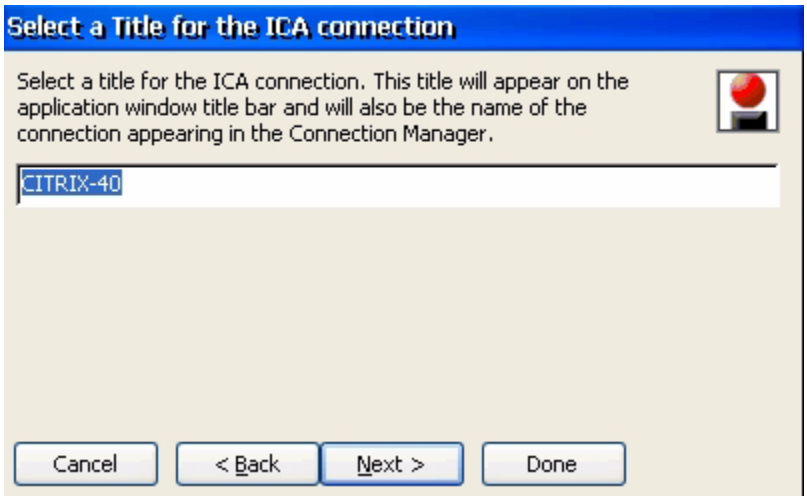


ICA Connection Configuration Name

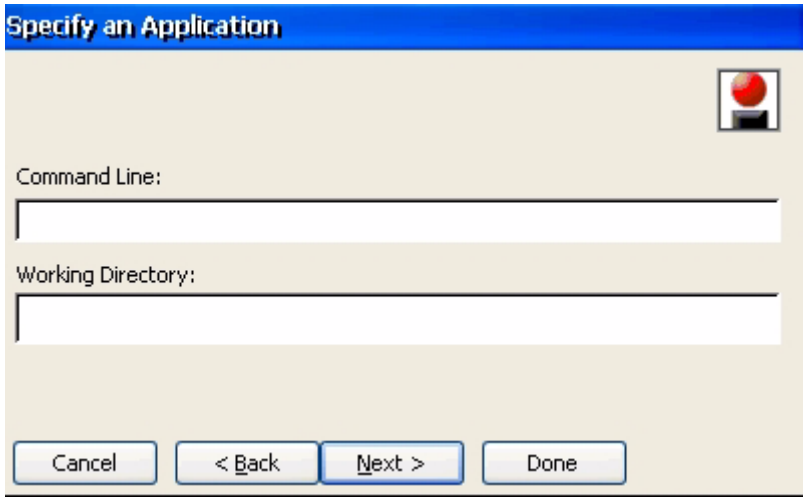
Enter the connection name - name that will be displayed with the desktop ICON and in the connections manager.



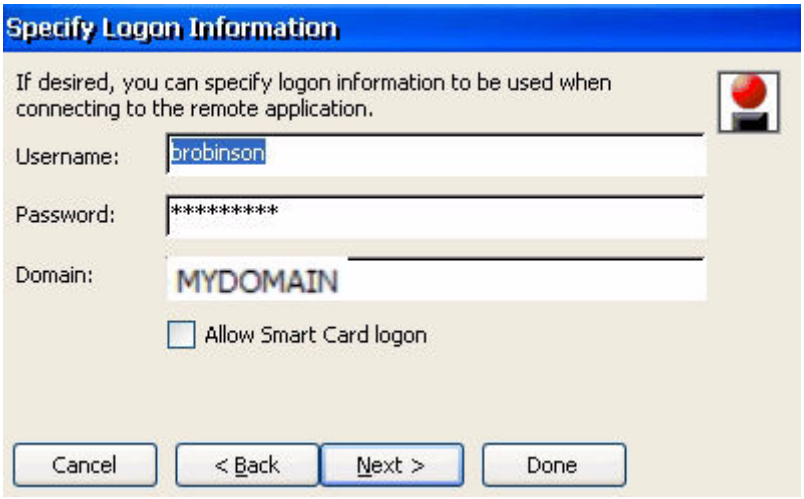
Wizard Step 1



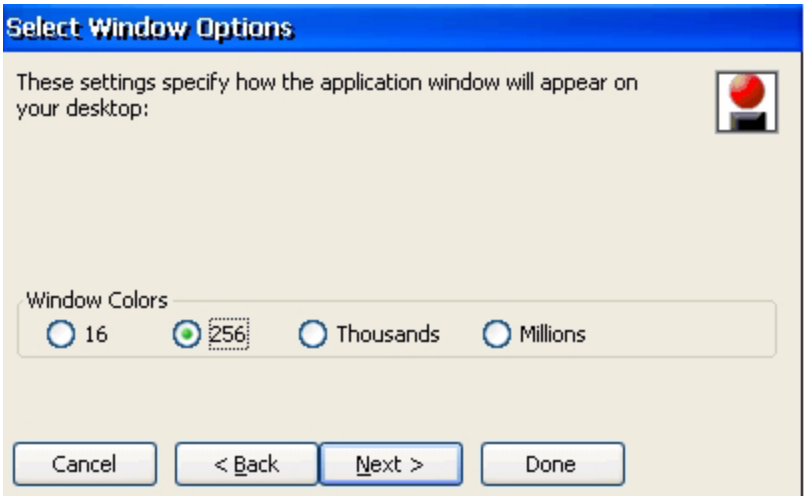
Wizard Step 2



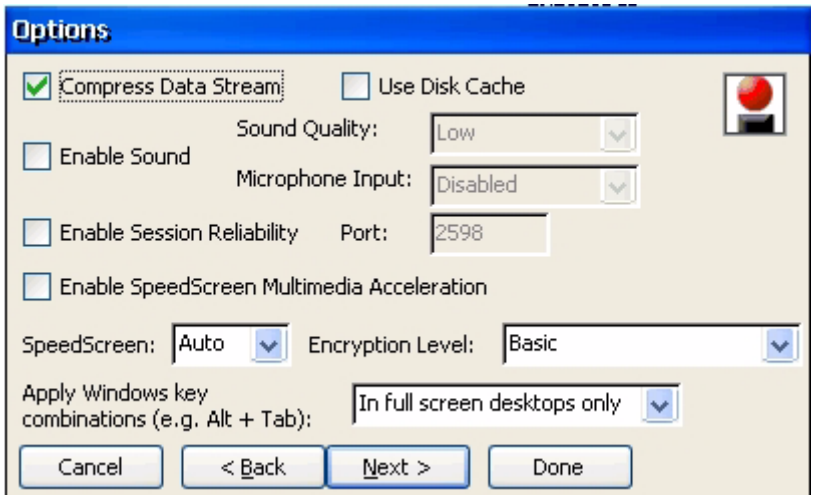
Wizard Step 3



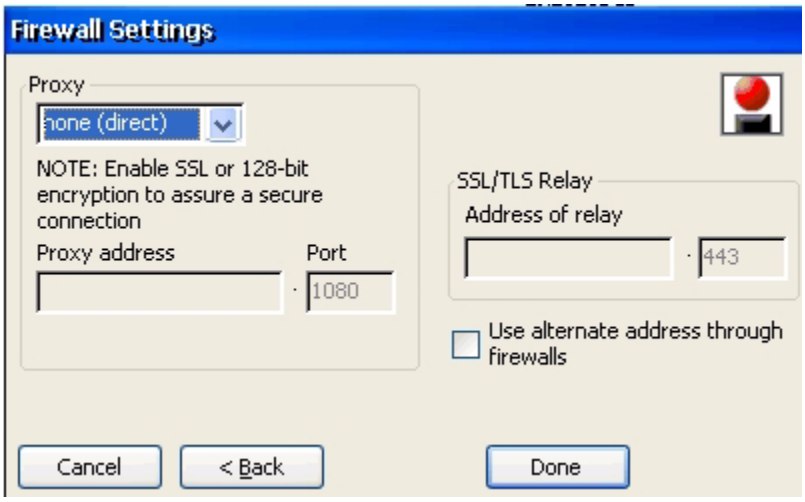
Wizard Step 4



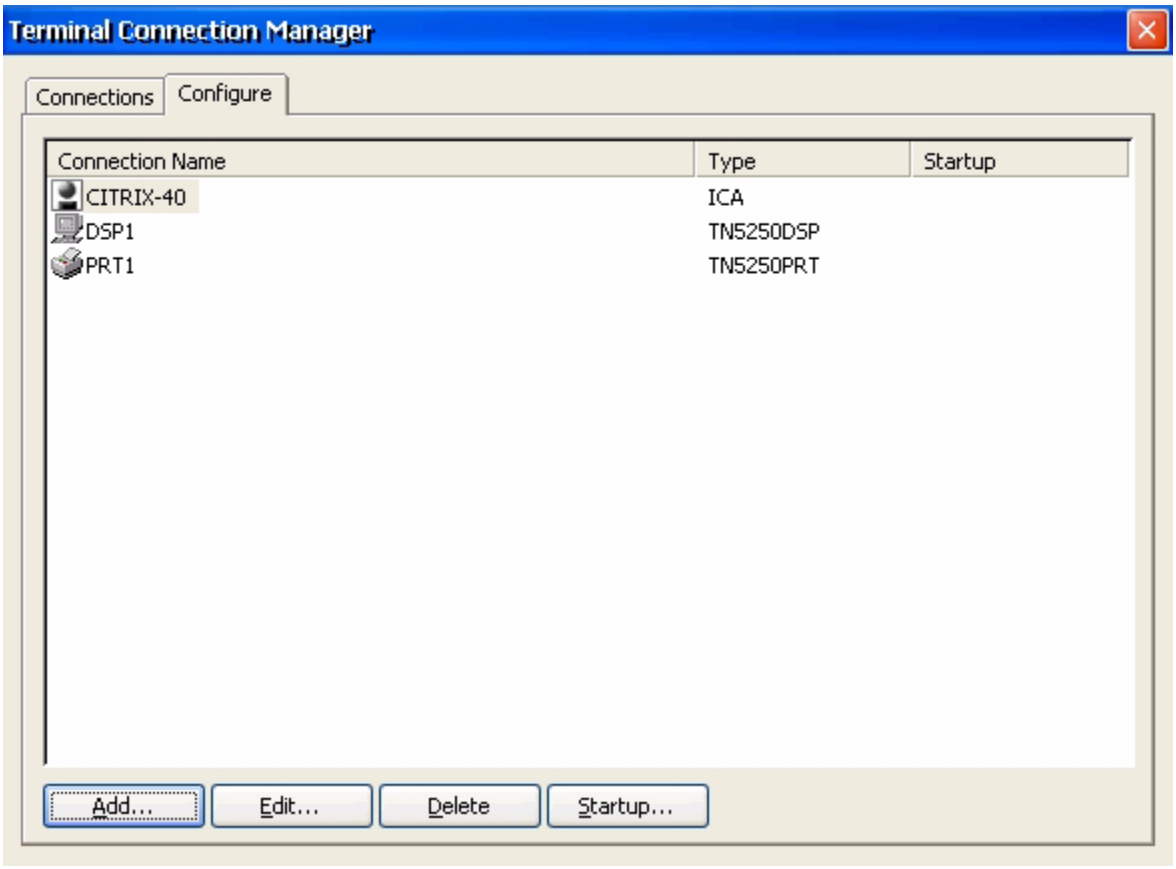
Wizard Step 5



Wizard Step 6



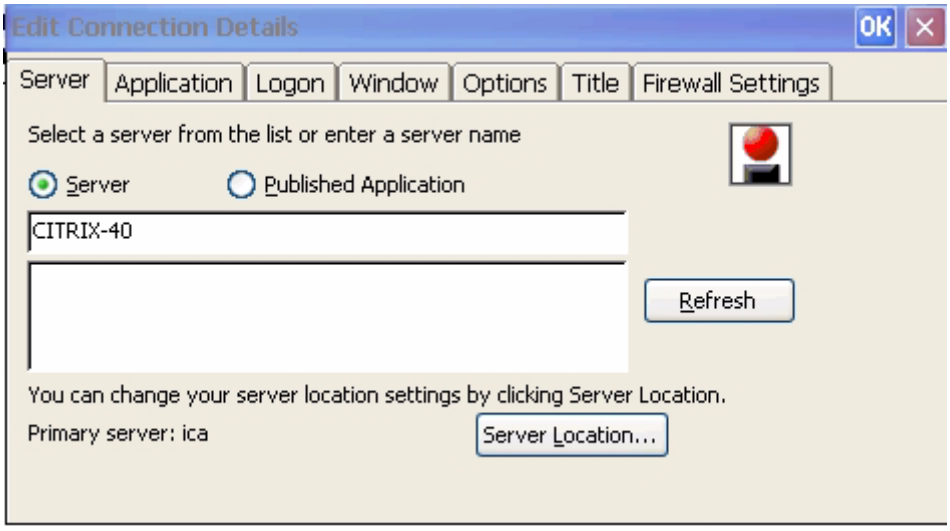
Wizard Step 7



To edit connection highlight the connection and select Edit.

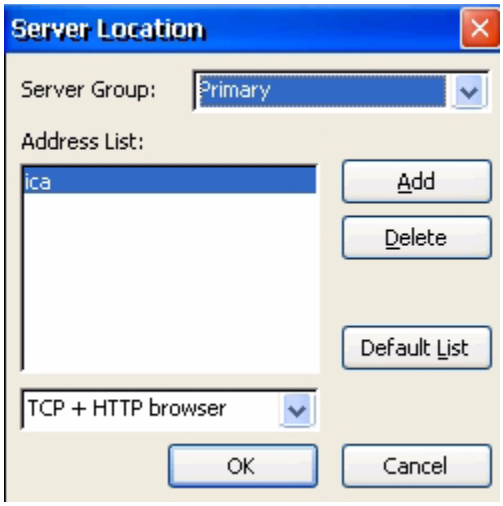
ICA Connection Configuration Server Tab

Enter the Citrix Server Name or enter the Published Application.

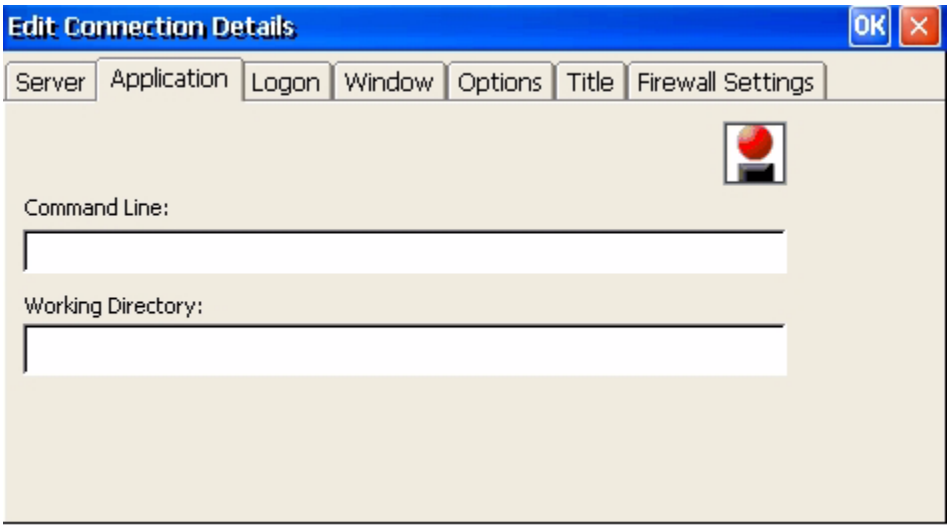


Select Server Location to set multiple locations of Citrix servers.

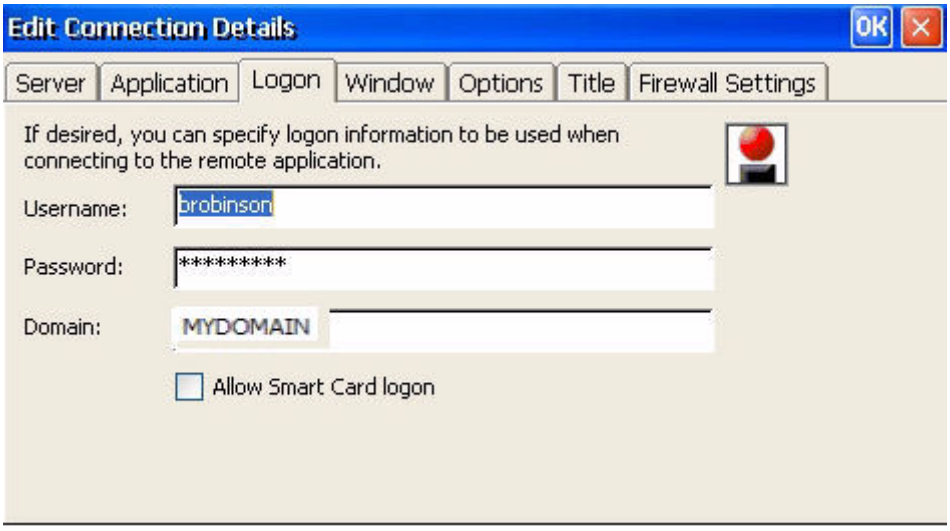
Add or Delete server information.



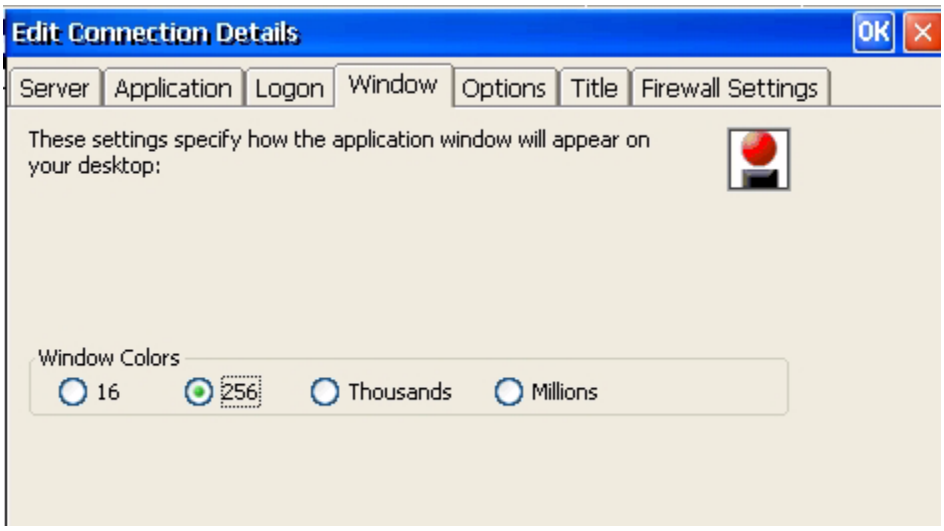
ICA Connection Configuration Application Tab



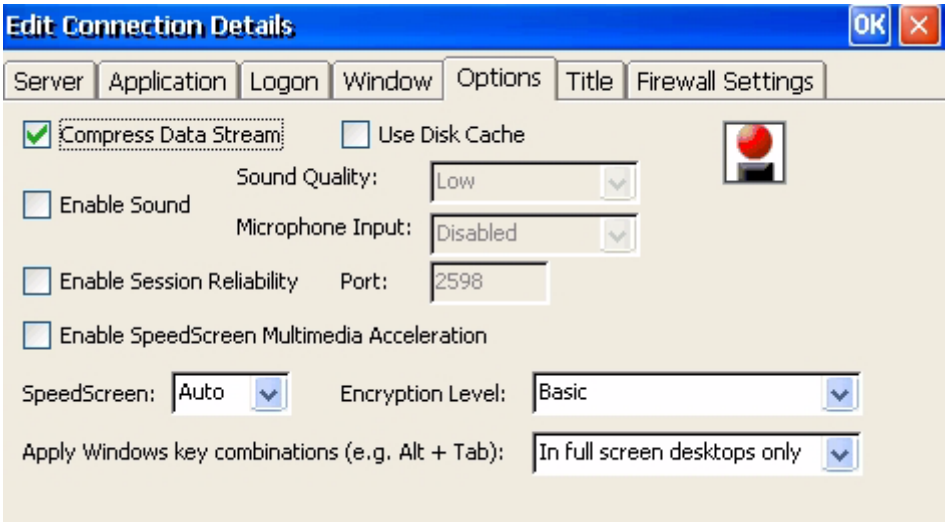
ICA Connection Configuration Logon Tab



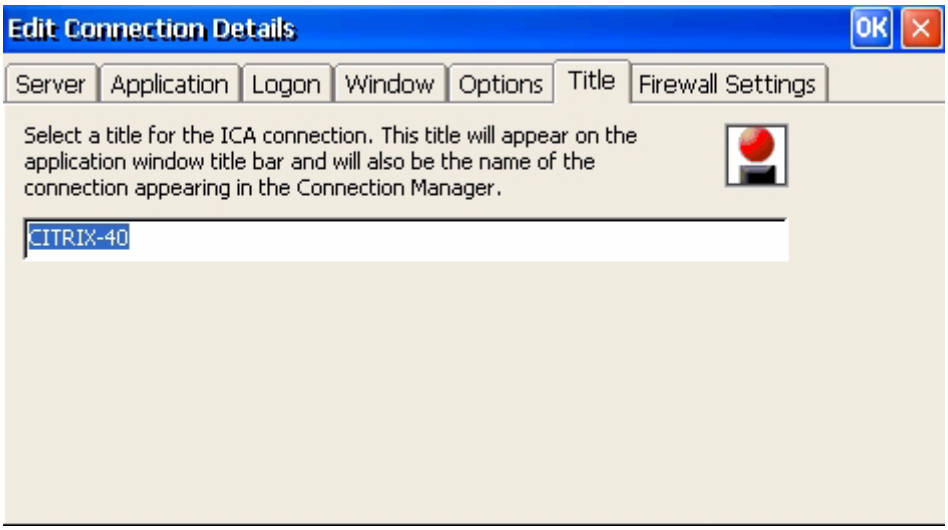
ICA Connection Configuration Window Tab



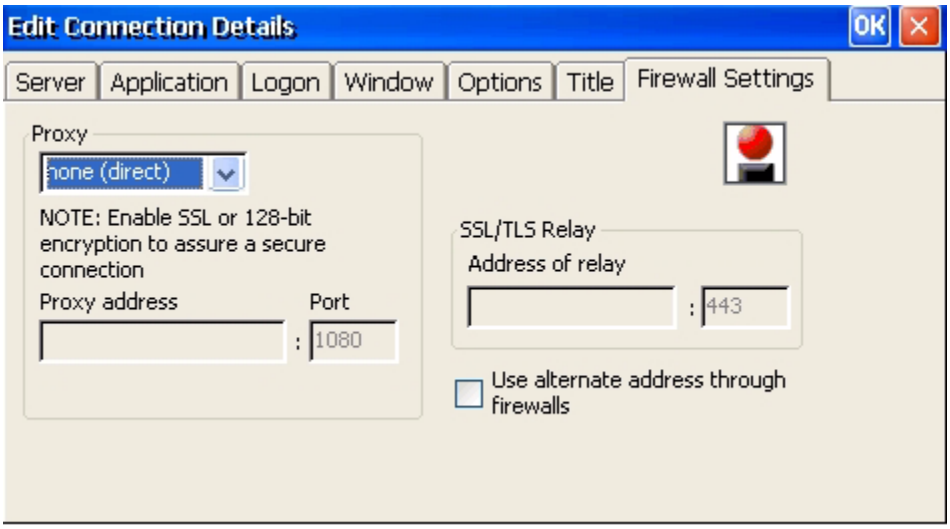
ICA Connection Configuration Options Tab



ICA Connection Configuration Title Tab



ICA Connection Configuration Firewall Tab

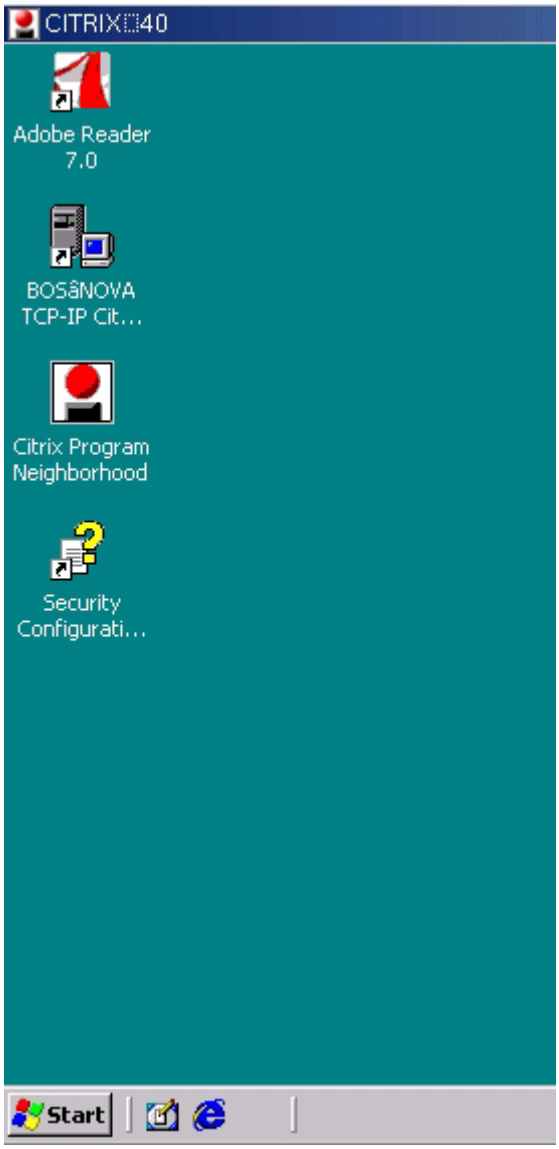


An ICON will be created on the desktop.

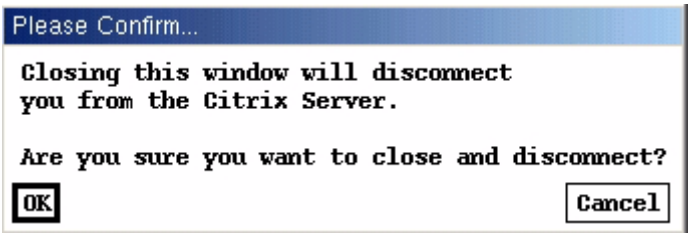
Double click ICON to start CITRIX session or from the connection manager highlight the session and select connect.

The citrix server will present a log on screen unless valid information was supplied prior in the authentication tab.

Credentials will be verified and if passed successfully, the Citrix Session will be presented.


CITRIX 40
Adobe Reader 7.0
BOSâNOVA TCP-IP Cit...
Citrix Program Neighborhood
Security Configurati...
Start

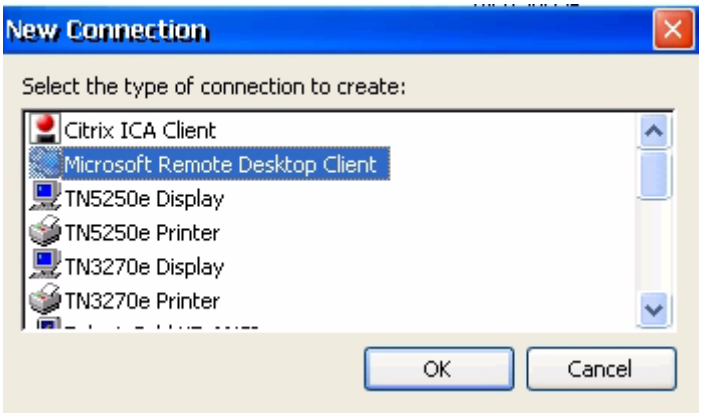
To close the session when minimized, right click on session in taskbar and select close. A message confirming the close will be presented.



To close the session from the start button on the Citrix Desktop, take the option to Disconnect/ Logoff.

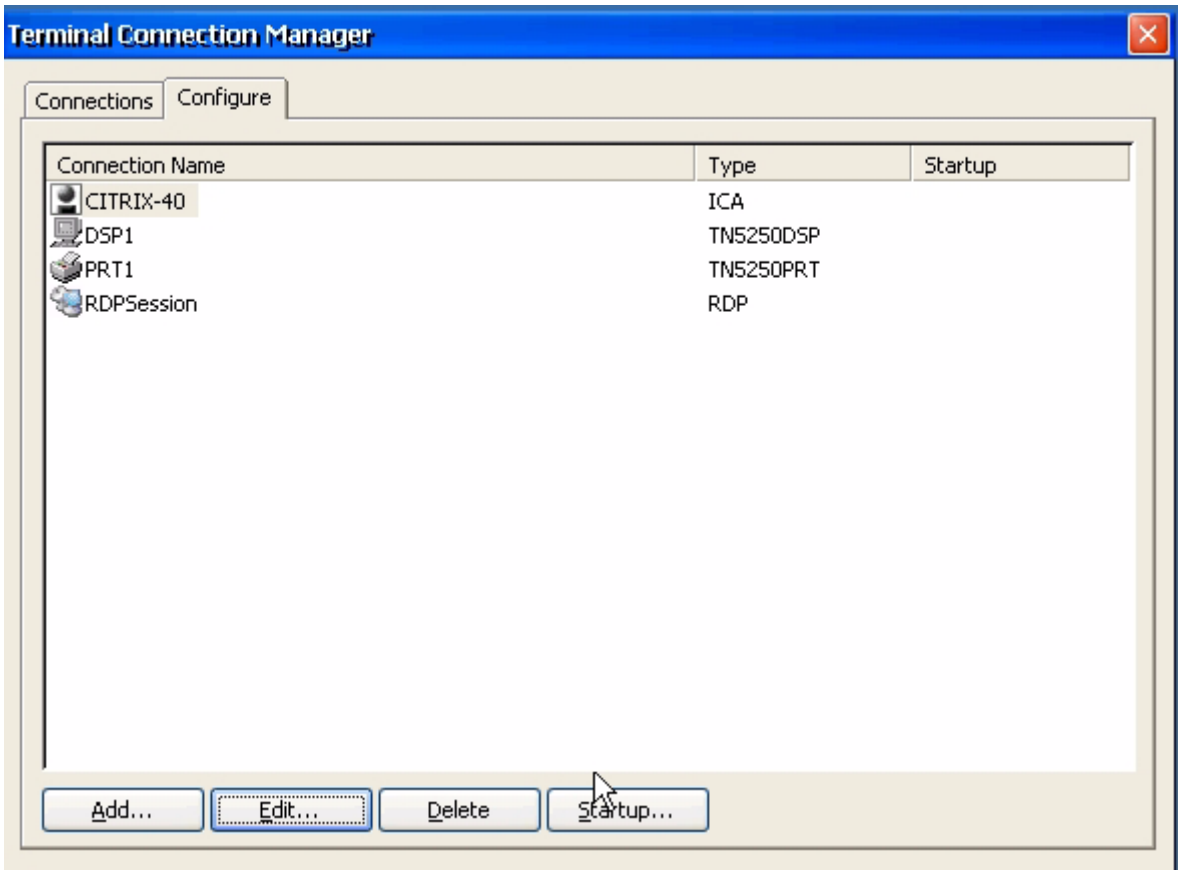
Microsoft Remote Desktop Client

Select to add a new connection type.



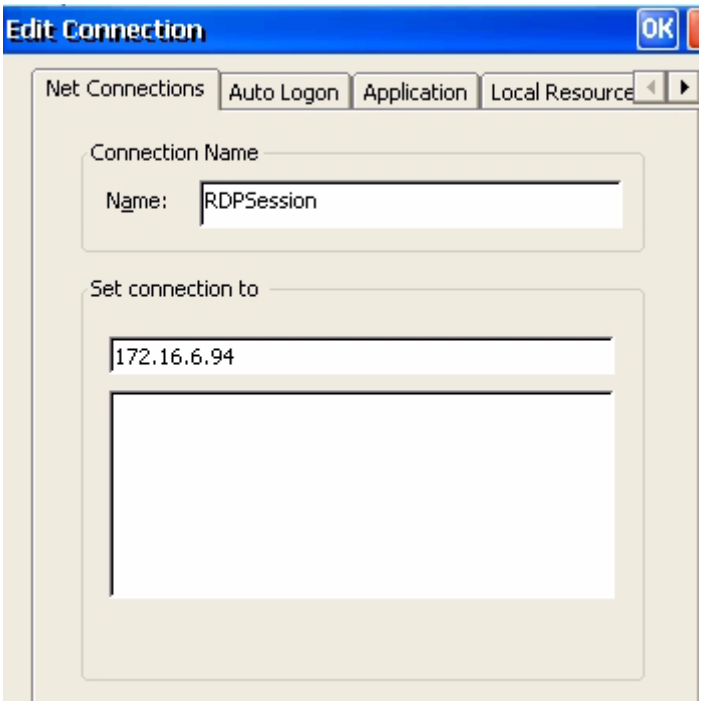
Enter the connection Name - name associated with ICON and displayed in connection manager and the server name or IP.

To edit the RDP Connection highlight the connection in Terminal Connection Manager and select Edit.



RDP Connection Configuration - Net ConnectionsTab

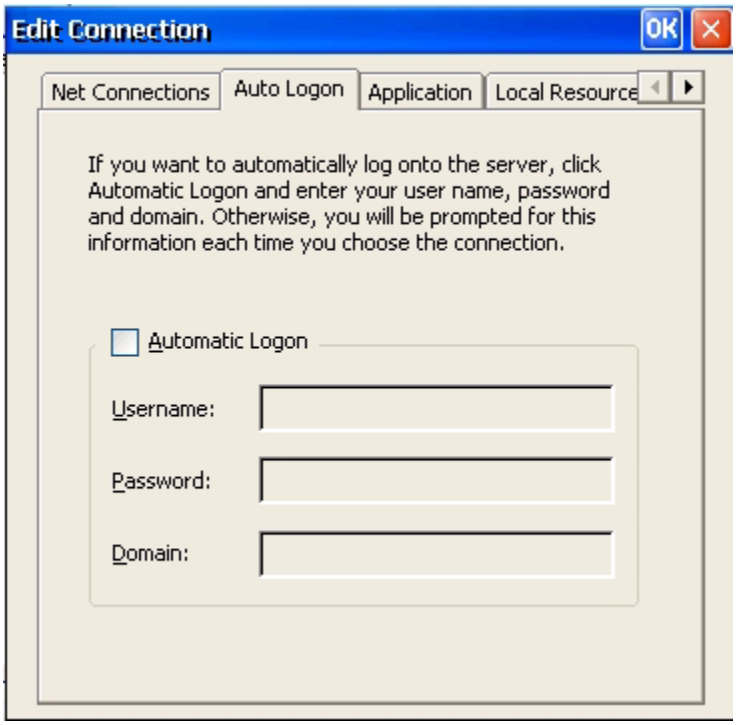
Change the connection name and/or change the server name or IP.



RDP Connection Configuration - Auto Logon Tab

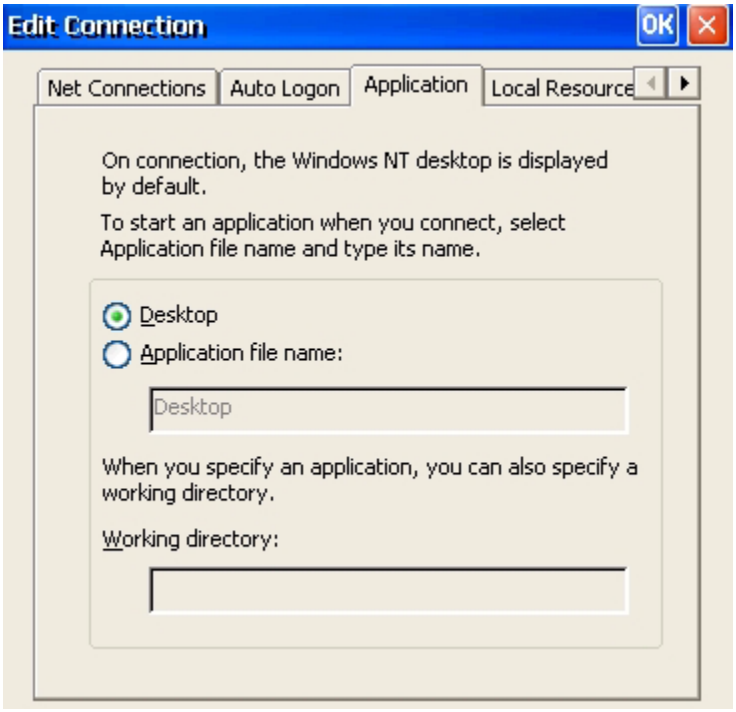
Enter Logon information for user

To be prompted for Logon information when the connection is started leave this area blank.



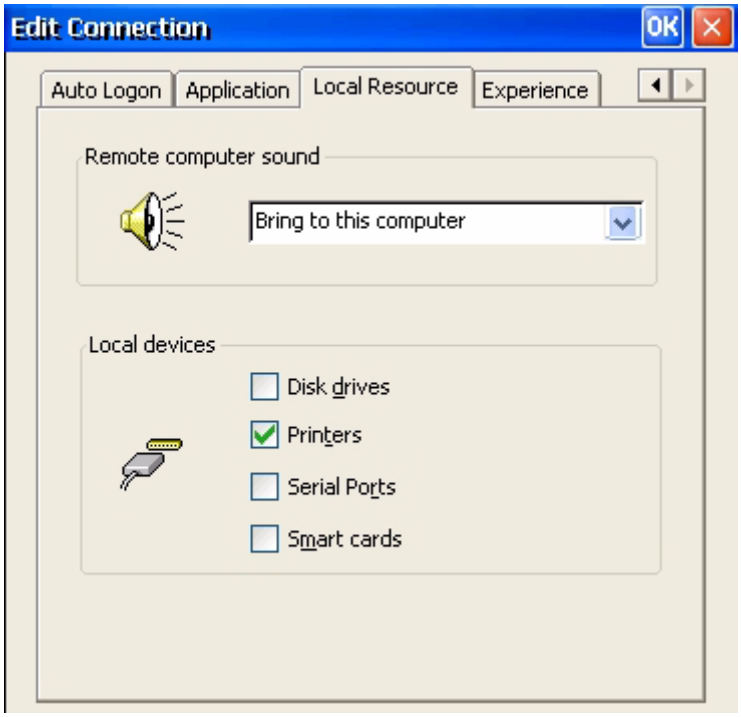
RDP Connection Configuration - Application Tab

Insert the command line and working directory of the application to run. Leave the fields empty to run the Terminal Server desktop.

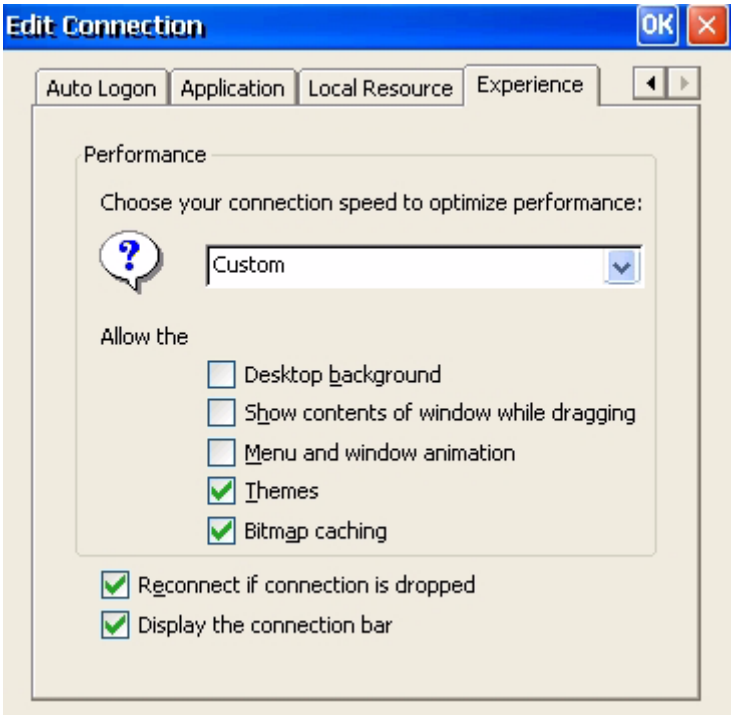


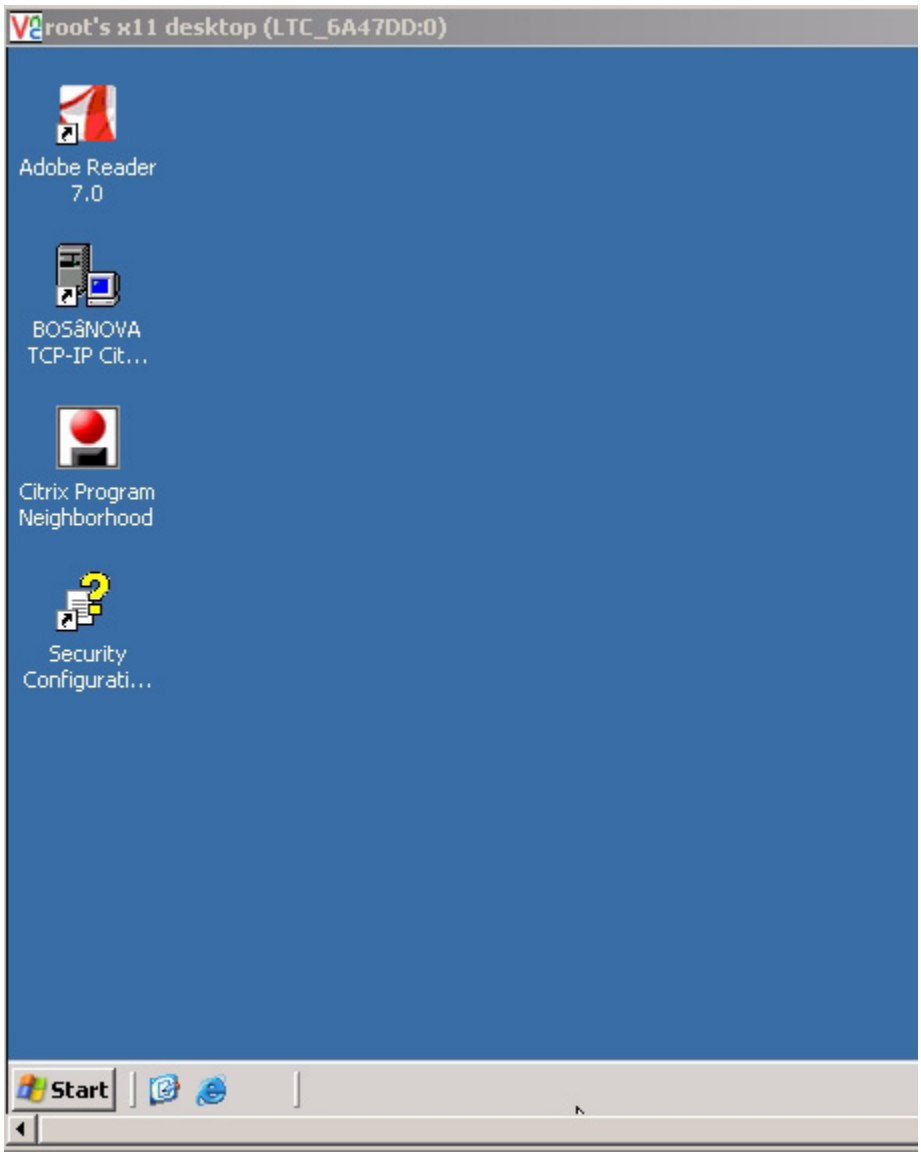
RDP Connection Configuration - Local Resources Tab

Use this area to connect local devices to the RDP session..

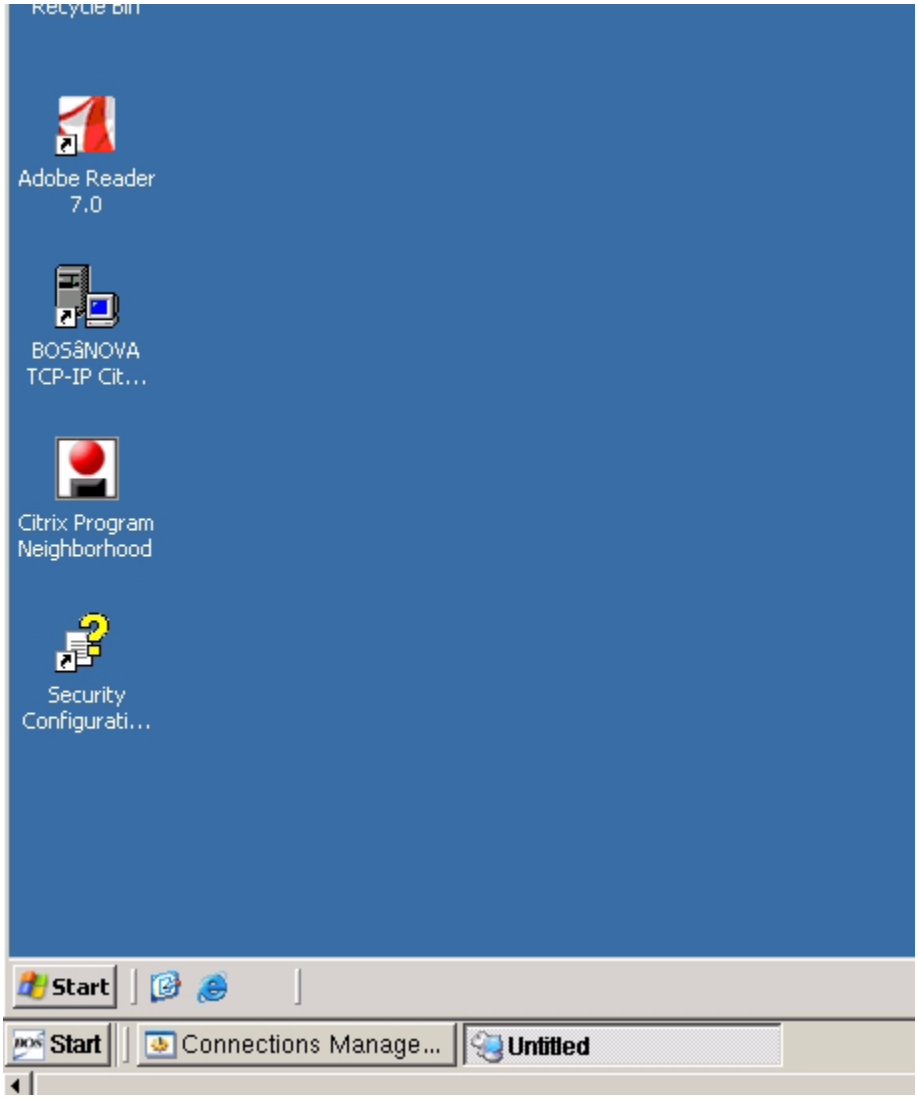


RDP Connection Configuration - Experience Tab



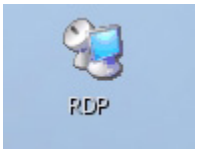


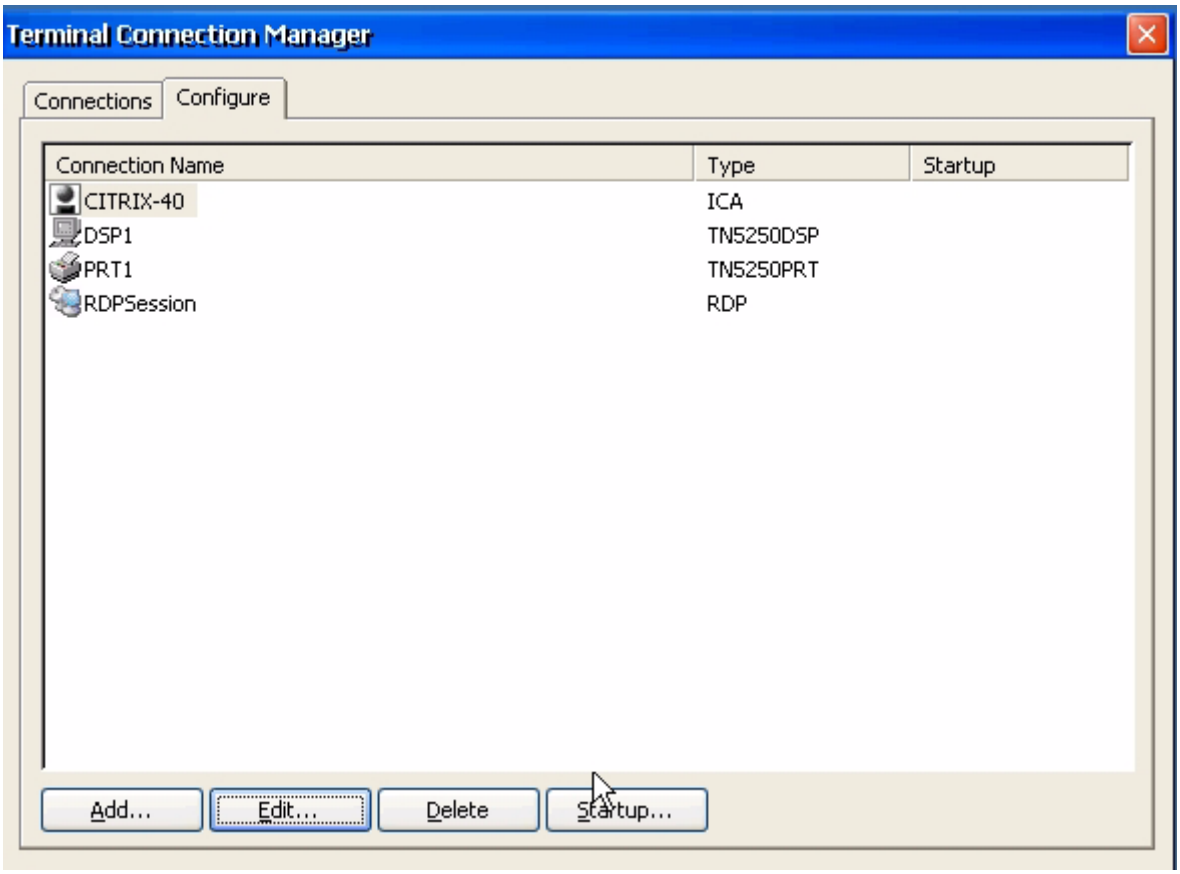
Maximized mode maximizes the RDP desktop but leaves the thin client toolbar visible underneath it.



NOTE: The greater the color depth, the more bandwidth the connection will use.

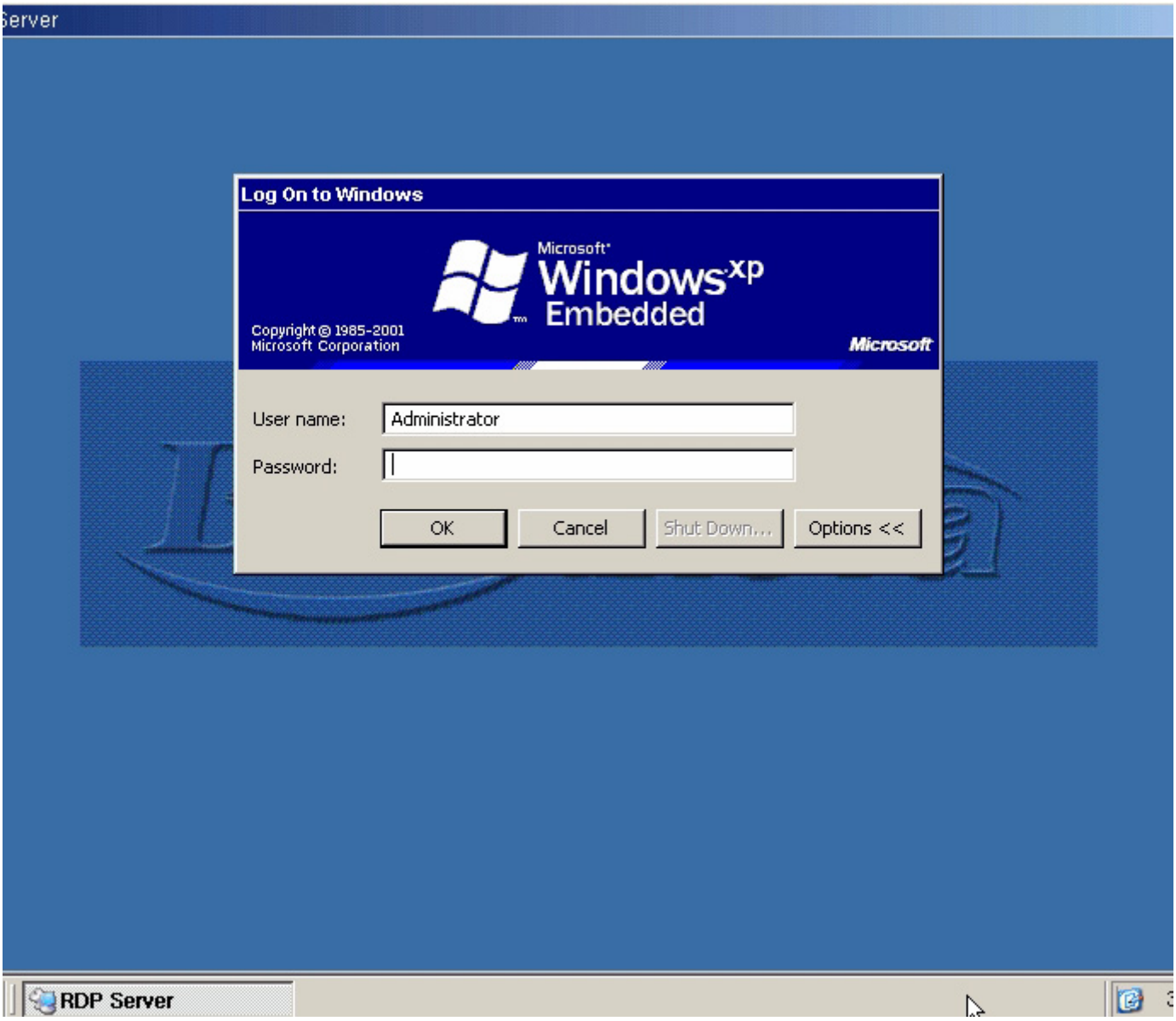
An ICON will be created on the desktop and a connection will be added to the connection manager.





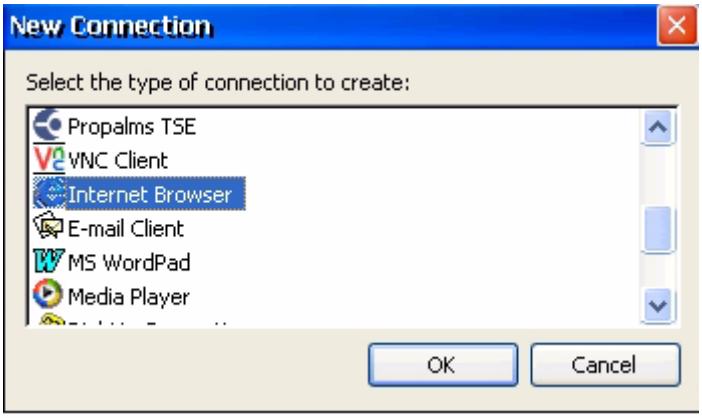
Double click the ICON to start the RDP session or select the session in the connection manager and select connect.

Log On to Windows with proper credentials to get the RDP desktop. If proper credentials were saved in the auto logon area of the connection, the Windows signon will be bypassed.

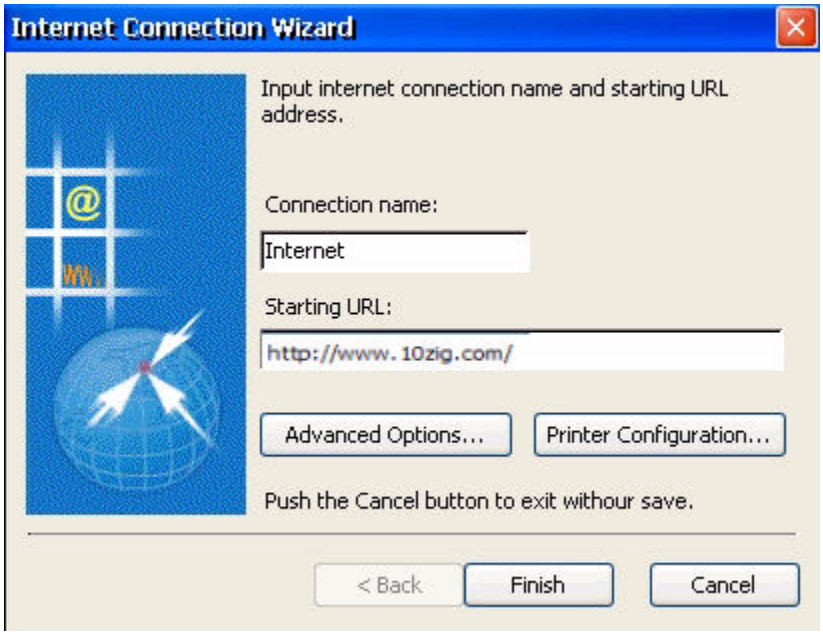


Internet Browser Connection

Choose add connection and select Internet Browser



Enter connection name - this is the name associated with the desktop ICON and will be displayed in the connection manager.

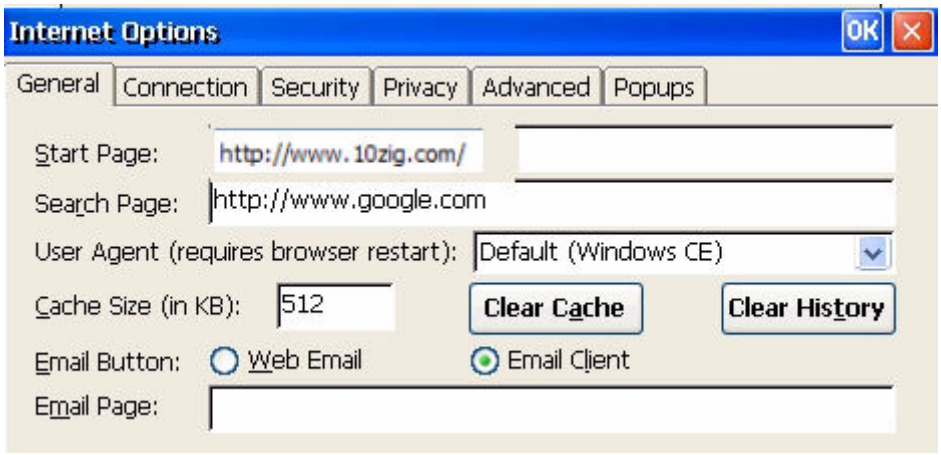


Enter the Initial page to load when starting the browser session. This is not the default home page and will only be called as the initial page.

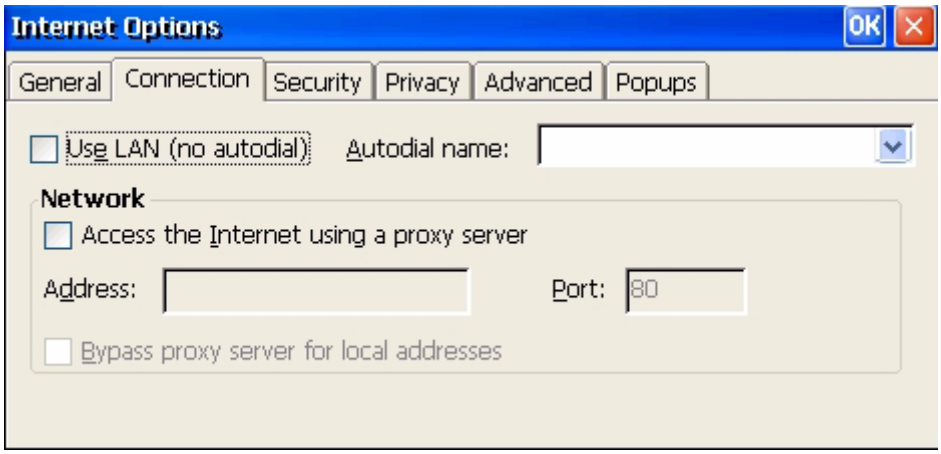
Advanced Options

Internet Options General Tab

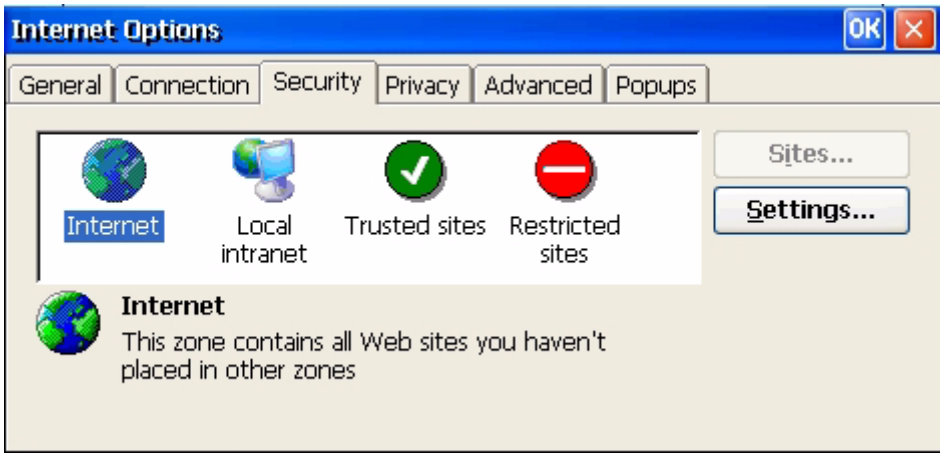
The Start Page is equivalent to the home page or starting page for the browser connection.



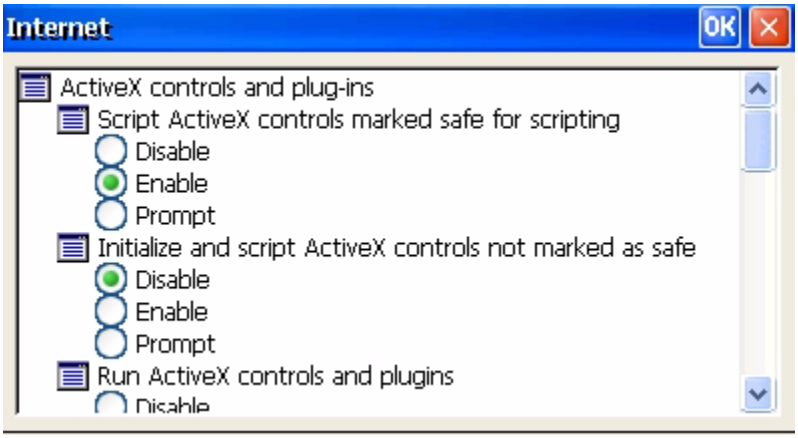
Internet Options Connection Tab



Internet Options Security Tab

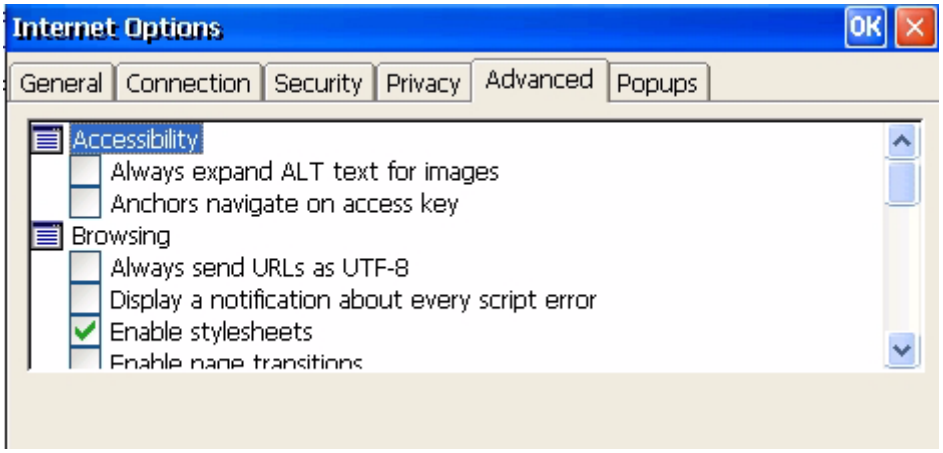


Settings Option:



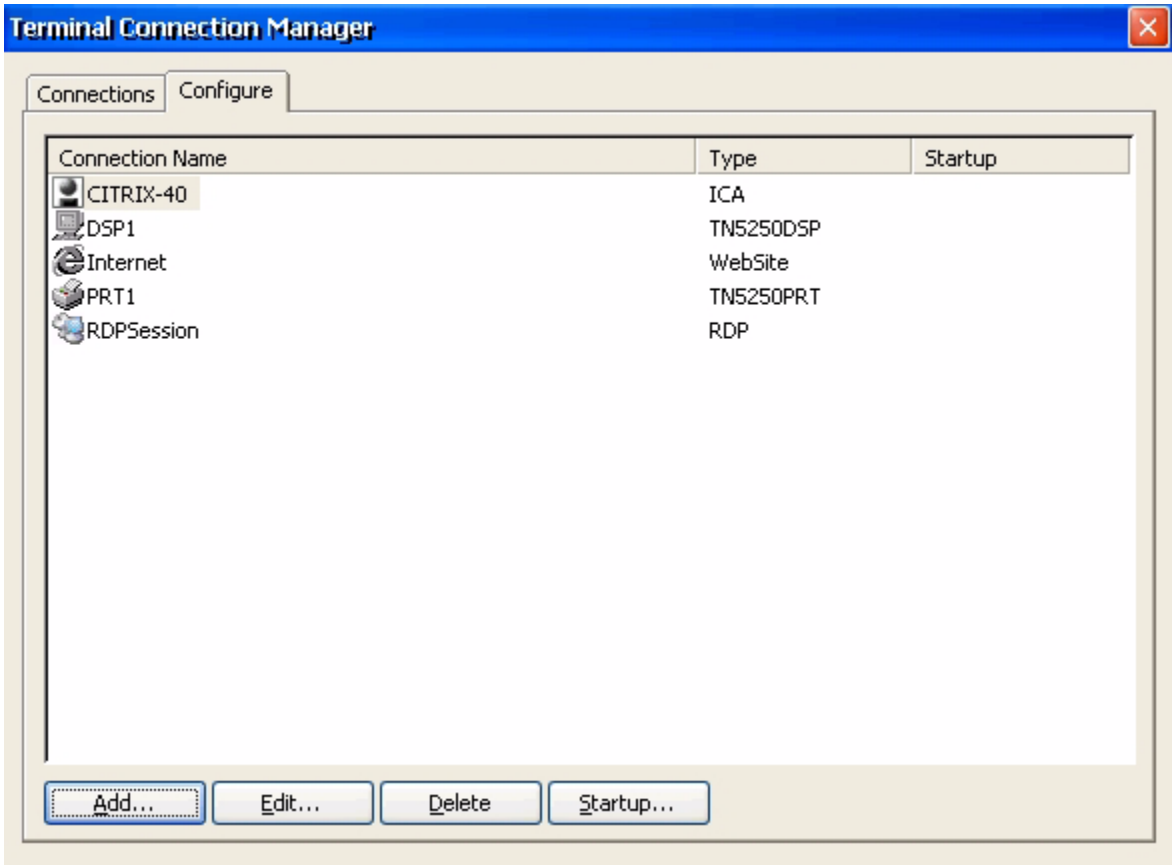
Internet Options Privacy Tab

Internet Options Advanced Tab

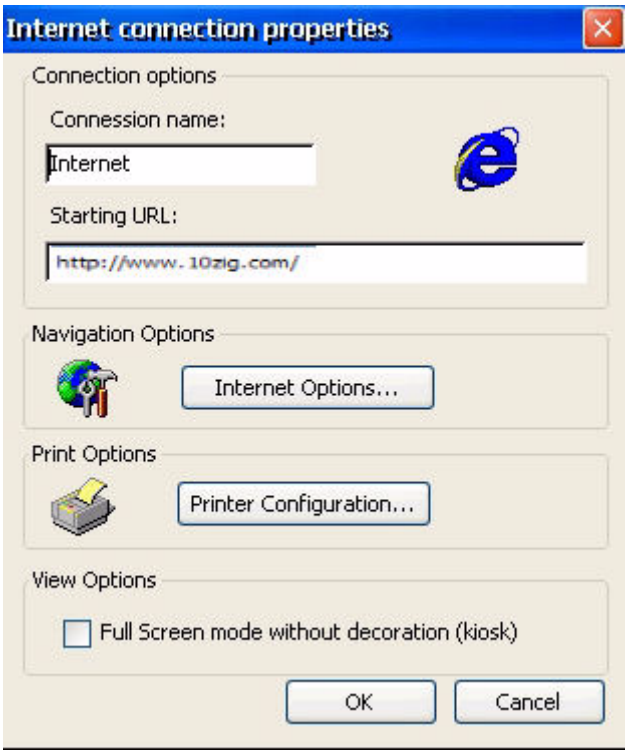


Internet Options Popups Tab

An ICON will placed on the desktop and the connection will be available in the connection manager.



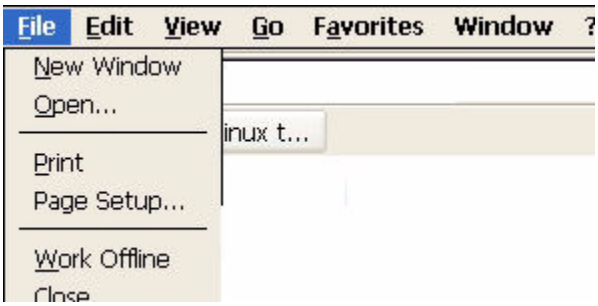
To edit connection highlight connection and select Edit.



To start the session double click on the ICON or select the session and choose connect in the connection manager.

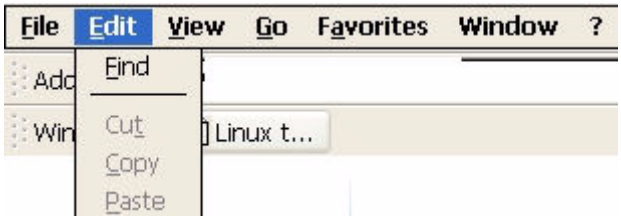
The initial page is loaded.

File Menu

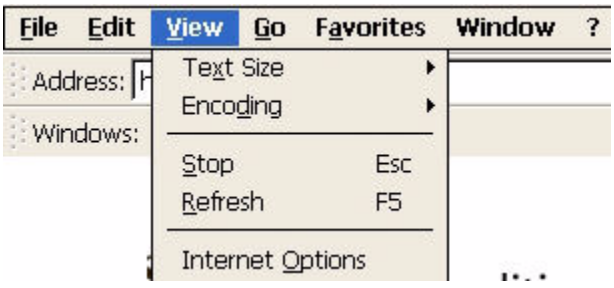


NOTE: Printers from the browser will be either Postscript of PCL using ghostscript. Ghostscript translates the Postscript to PCL which can degrade the print output quality.

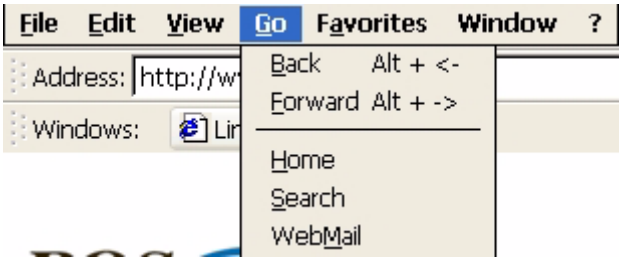
Edit Menu



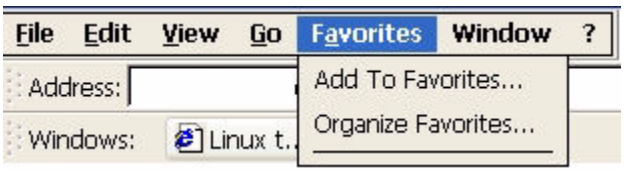
View Menu



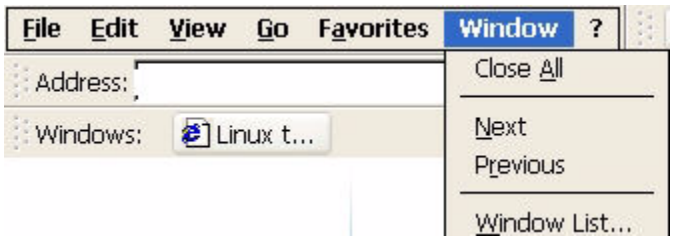
Go Menu



Favorites Menu

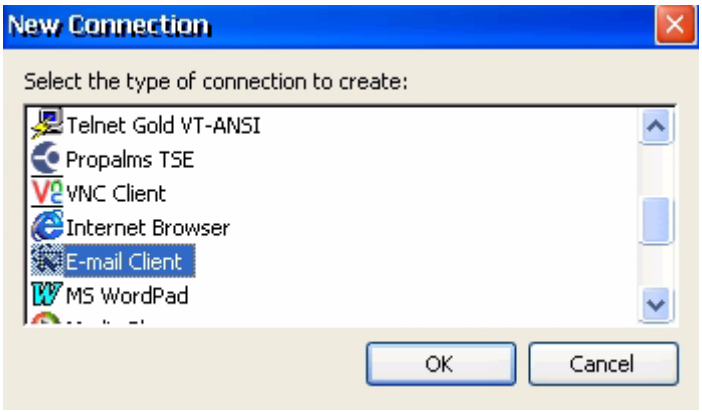


Window Menu

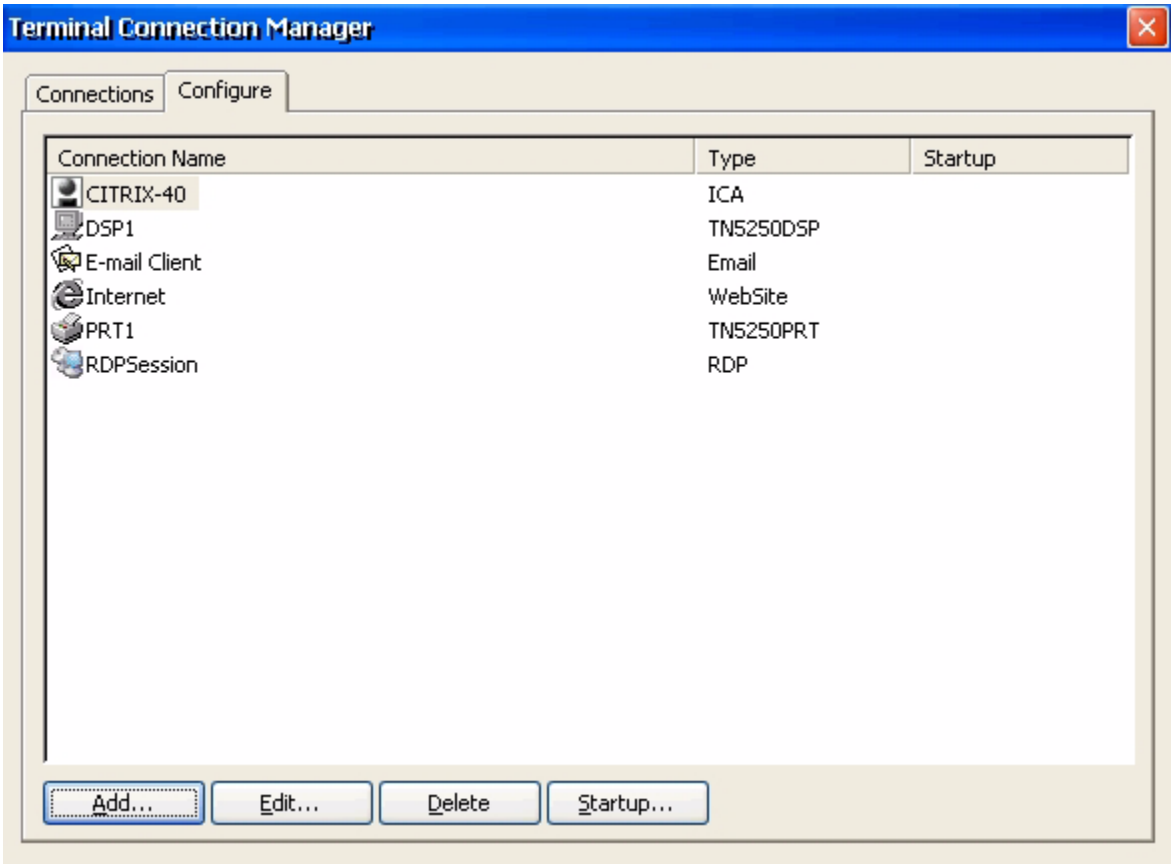


Email Client

Select to add a new connection - eMail Mail Client

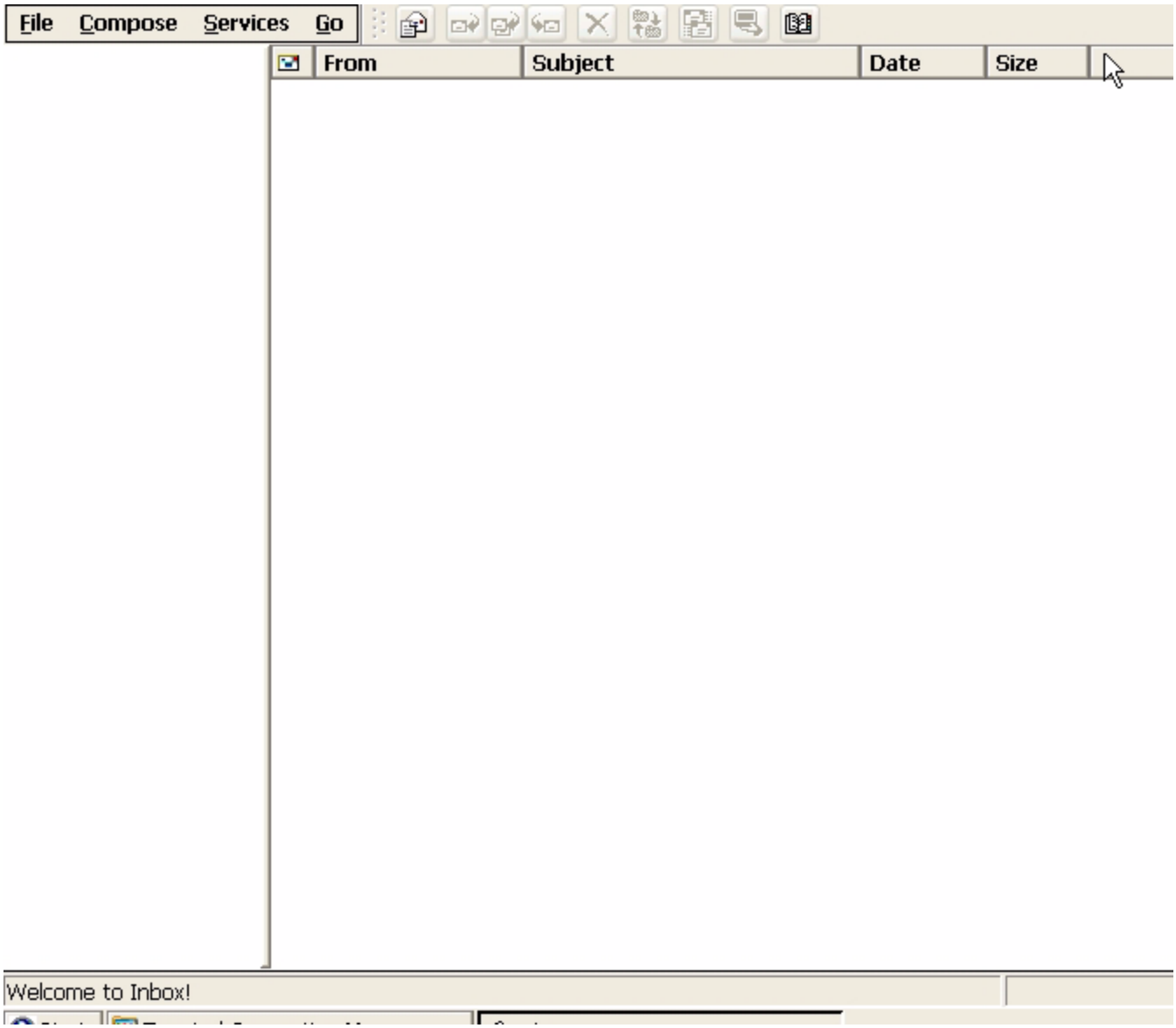


Enter the connection name - this is the name associated with the ICON on the desktop and will be displayed in the connection manager.

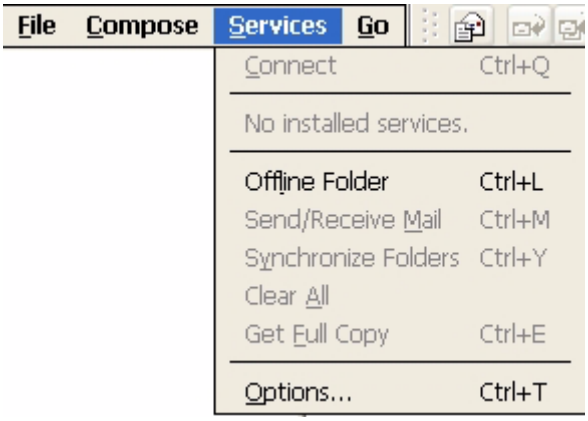


An ICON will be created on the desktop.

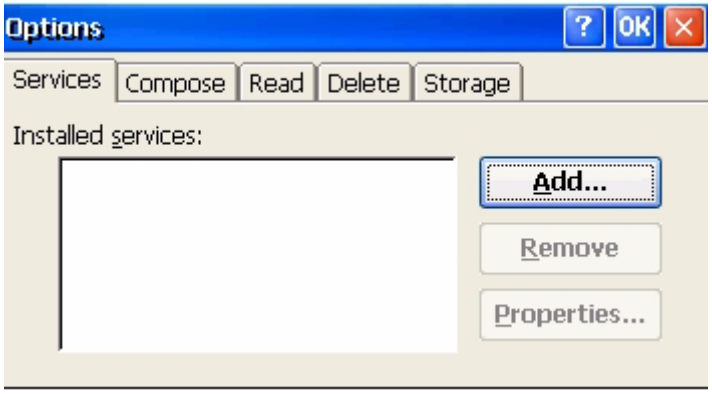
Double click on the ICON and the Email Client opens.



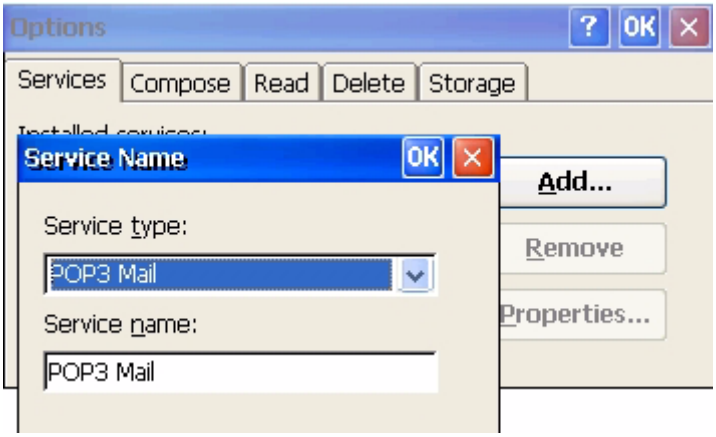
To configure the email client select Services and then Options.

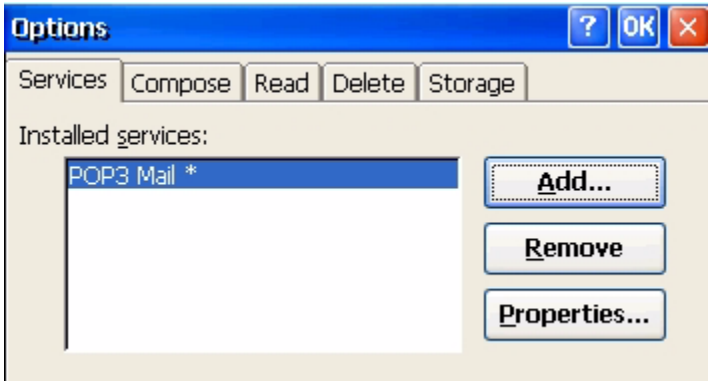


Options Services Tab

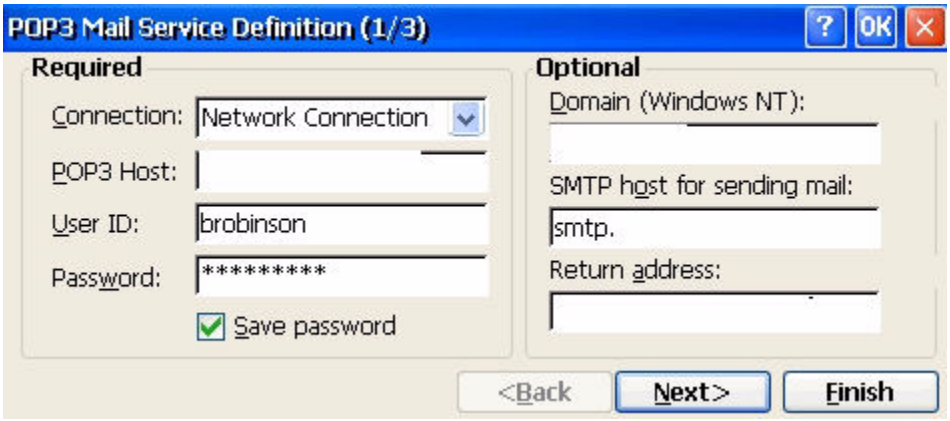


Select Add and select POP3 as the service type.

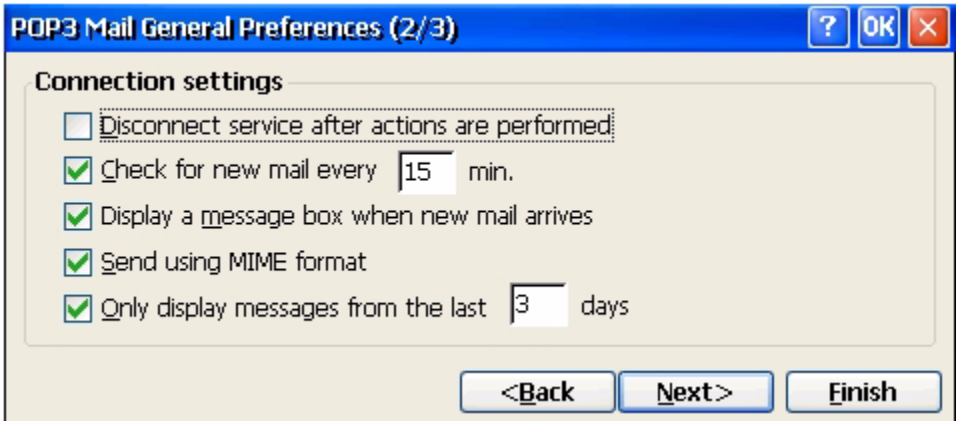


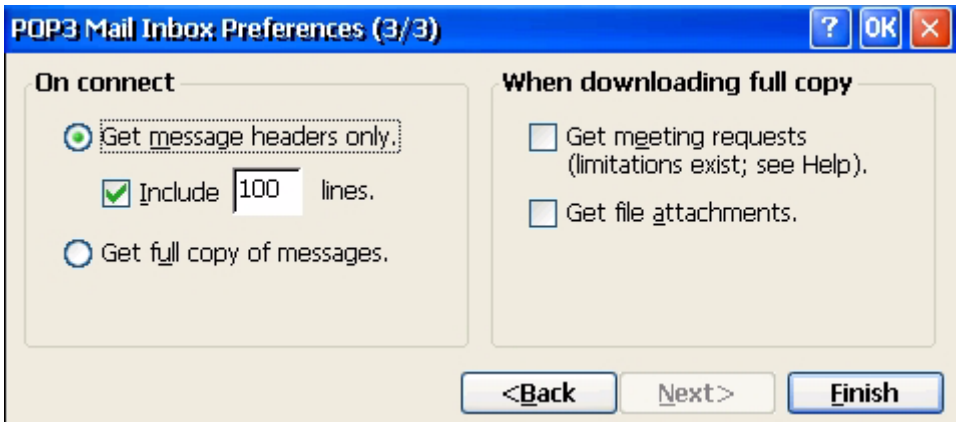


Highlight installed service and select Properties.

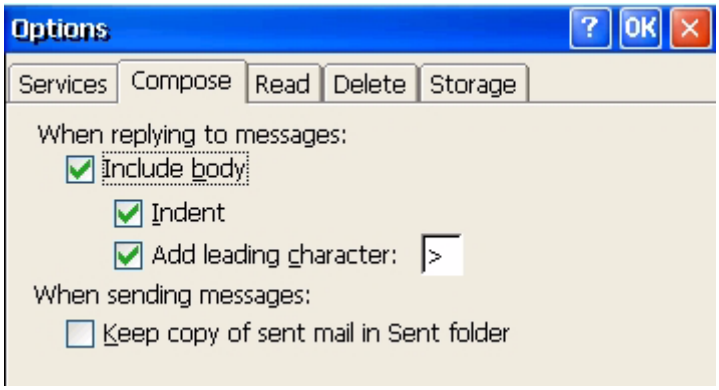


Select the server type and the fully qualified domain name of the incoming server. Enter the full qualified domain name of the outgoing server.

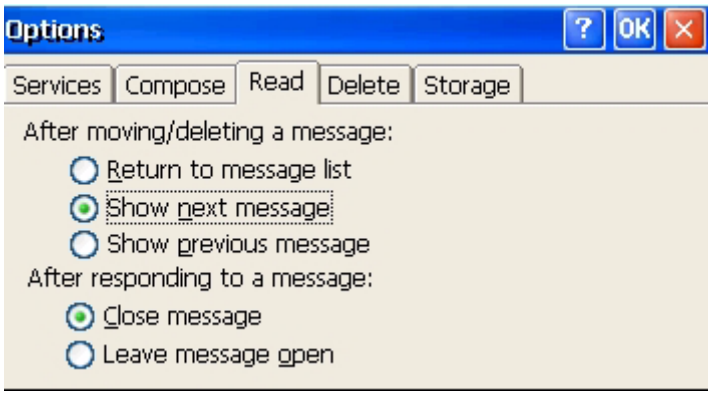




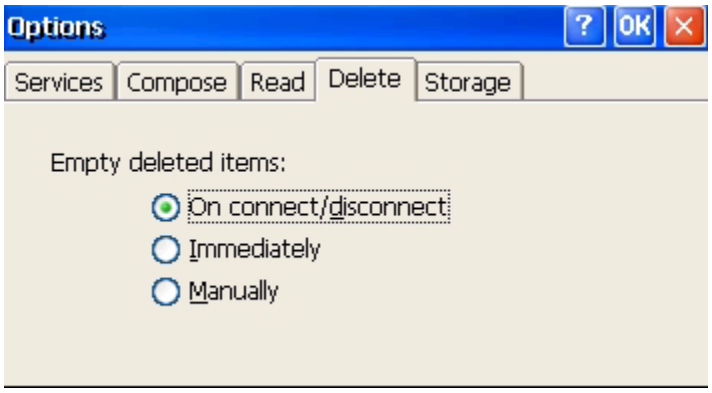
Options Compose Tab



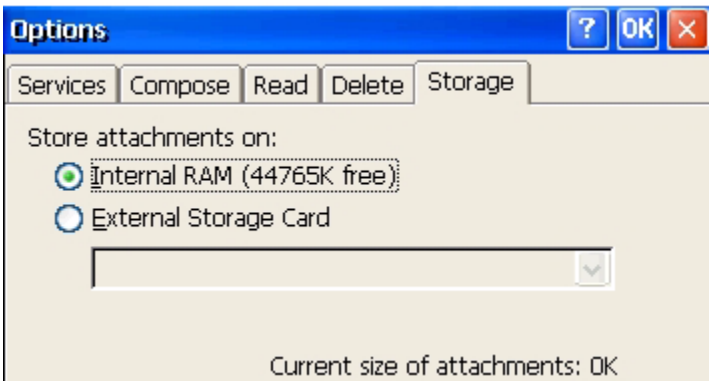
Options Read Tab



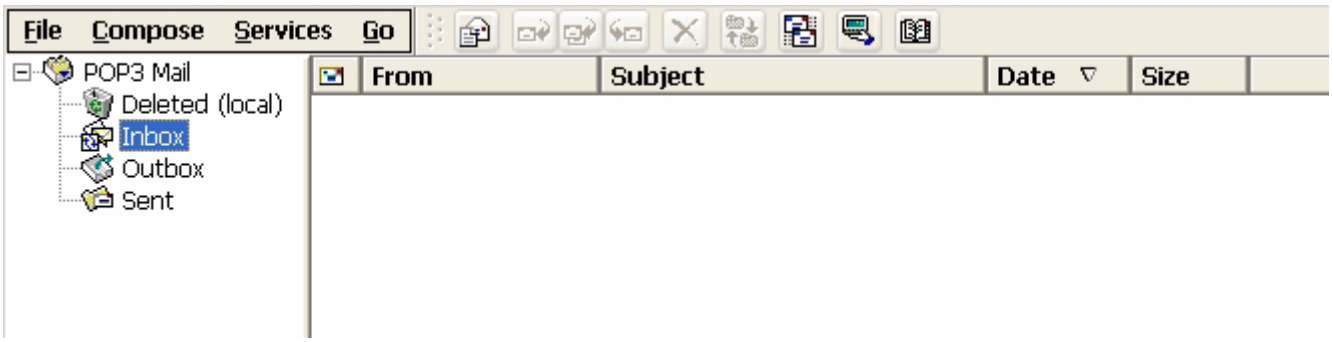
Options Delete Tab



Options Storage Tab



The CE.NET Unit will very likely be limited on disk space so mail for this account should be stored in its own directory on a server, a mapped drive or an external storage card.



A list of other connection types available can be seen by selecting add in the connection manager.

Hot Key Combinations

Function	Hot Key Combination	Function	Hot Key Combination
About	Alt+V	Session Disconnect	Ctrl+F4
Attributes Display	Ctrl+A	Terminal Setup	From Desktop Ctrl+F2
Close All	Ctrl+F6	Split Screen: horizontal	Ctrl+DEL
Copy	Ctrl+C		
Copy All	Ctrl+5	Split Screen: verticle	Alt+DEL
Exit	Ctrl+F5		
Keyboard Help	Ctrl+F1	Switch to next 5250 session	Alt+PgUp *
Launch Connect'n Manager	From Desktop Ctrl+Alt+End	Switch to next open application	Ctrl+Alt+Up Arrow
Next Session	Ctrl+S	Switch to previous open application	Ctrl+Alt+ Down Arrow
Paste	Ctrl+V		
Pause Macro	Alt+F3	Terminal Properties	From Desktop Shift+F2
Play Macro	Alt+F5	Advanced View	Ctrl+H
Quit/File Menu	Ctrl+Alt	View Keypad	Ctrl+K
Record Macro	Alt+F4	View Ruler	Ctrl+Home
Session Connect	Ctrl+F3	Task Manager	Ctrl+Alt+Del
* On 122-key keyboards, use Alt+Jump			

Client Side Software				
	10ZiG CE.NET RBT-070	**10ZiG CE.NET-RBT-320**	**10ZiG CE.NET-WBT-550**	**10ZiG CE.NET RBT-820**
OS	CE.NET 5.0 Pro	CE.NET 5.0 Pro	CE.NET 5.0 Pro Plus	CE.NET 5.0 Pro Plus
Terminal Emulation	N/A	TN5250e and TN3270e Emulator, with GUI and hot spots; Telnet with SSH, VT100, VT200, VT400, Wyse 60 and x-term R6.	TN5250e and TN3270e Emulator, with GUI and hot spots; Telnet with SSH, VT100, VT200, VT400, Wyse 60, x-term R6 and Optional SCO	TN5250e and TN3270e supports (4) emulator sessions, with GUI and hot spots; Telnet with SSH, Wyse 60, x-term R6, VT100, VT200, VT400
Embedded Applications	N/A	I.E. 6 CE Version and MS Email Client, Media Player and Notepad	I.E. 6 CE Version and Office Viewers, PDF Reader and POP3	I.E. 6 CE Version and Office Viewers, PDF Reader and POP3
Connectivity	Remote Desktop Protocol (RDP-V5.5) and Citrix Independent Computing Architecture (ICA-V9)	Remote Desktop Protocol (RDP-V5.5) and Citrix Independent Computing Architecture (ICA-V9)	Remote Desktop Protocol (RDP-V5.5) and Citrix Independent Computing Architecture (ICA-V9)	Remote Desktop Protocol (RDP-V5.5) and Citrix Independent Computing Architecture (ICA-V9)
Local Config.	Terminal/Session Config.	Terminal/Session Config.	Terminal/Session Config.	Terminal/Session Config

Server Side Software				
	10ZiG CE.NET RBT-070	**10ZiG CE.NET RBT-320**	**10ZiG CE.NET WBT-550**	**10ZiG CE.NET RBT-820**
Operating System	Microsoft Windows 2000 server Microsoft Windows 2003 server Microsoft Windows NT Terminal Server Edition Citrix MetaFrame Citrix Presentation Server Citrix Winframe.	Microsoft Windows 2000 server Microsoft Windows 2003 server Microsoft Windows NT Terminal Server Edition Citrix MetaFrame Citrix Presentation Server Citrix Winframe.	Microsoft Windows 2000 server Microsoft Windows 2003 server Microsoft Windows NT Terminal Server Edition Citrix MetaFrame Citrix Presentation Server Citrix Winframe.	Microsoft Windows 2000 server Microsoft Windows 2003 server Microsoft Windows NT Terminal Server Edition Citrix MetaFrame Citrix Presentation Server Citrix Winframe.
Management Tools	Remote Administrator Wake on LAN	Remote Administrator Wake on LAN	Remote Administrator Wake on LAN	Remote Administrator Wake on LAN

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