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Increase the separation between the equipment and receiver.

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Introduction

Introducing the WinClient

WinClient Windows Based Terminals are designed to access any Windows application such as Microsoft Word, Excel or PowerPoint residing on Windows Terminal Server. WinClient is very easy on installation; there is no need to install any software onto network. Simply plug a WinClient into the network, configure WinClient, and then connect to Windows Terminal Server to run Windows applications.

WinClient supports RDP (Remote Desktop Protocol) and Citrix ICA (Independent Computing Architecture). WinClient connects to one or more Windows NT-based Servers via RDP & the Servers must be running Citrix MetaFrame or WinFrame to capable with ICA.

Features of WinClient TC320 Series

Model	TC-320N	TC-320NE
Processor		
CPU	NS Geode 300MHz with 16KB unified Cache	NS Geode 300MHz with 16KB unified Cache
Memory		
RAM	One SDRAM 168pin DIMM 64/128MB or above	One SDRAM 168pin DIMM 64/128MB or above
ROM	One Disk on chip flash ROM 8/16MB or above	One Disk on chip flash ROM 8/16MB or above
Standard Interface	2	
VGA	Up to 1024 * 768, 16bit high color, VESA monitor support with DDC	Up to 1024 * 768, 16bit high color, VESA monitor support with DDC
LAN	10/100BaseT fast Ethernet, twisted pair RJ45	10/100BaseT fast Ethernet, twisted pair RJ45
Keyboard and Mouse	PS2 Type	PS2 Type
Serial	RS232, 9Pin DSUB COM1, COM2	RS232, 9Pin DSUB COM1, COM2
Parallel	25Pin DSUB	25Pin DSUB
USB Port	2 USB Ports	2 USB Ports
Audio Line Out	1/8inches mini, full 16bit stereo, 44KHz sample rate	1/8inches mini, full 16bit stereo, 44KHz sample rate
Power System		·
Connector	2 Pin Jack 5V DC.	2 Pin Jack 5V DC.
AC/DC Adapter	Input AC 100/240 Volt, 50~60Hz. Output 5VDC, 4A.	Input AC 100/240 Volt, 50~60Hz. Output 5VDC, 4A.
Physical Mechani	cal	·
Dimension	232 mm (H) x 42 mm (W) x 240 mm (D)	232 mm (H) x 42 mm (W) x 240 mm (D)
Client Side Syster	n Software	·
OS System	Microsoft Windows CE	Microsoft Windows CE
Terminal		IBM: AIXterm, 3270, 5250
Emulations		Digital: VT42, VT100, VT220, VT320, VT420, VT520, VT525
		ANSI: ANSI-BBS, SCO-ANSI, AT386
		Additional: Wyse (50/60), Data General D-412, Televido (TVI 925/950)
Local Browser	Microsoft – Internet Explorer (option)	Microsoft – Internet Explorer (option)
Connectivity	Microsoft Remote Desktop Protocol RDP	Microsoft Remote Desktop Protocol RDP
	Citrix ICA Protocol ICA	Citrix ICA Protocol ICA
SNMP	Local SNMP support	Local SNMP support
Server Side Syste	m Software	
Management Tool	WinClient Remote Manager	WinClient Remote Manager
Management 1001	Wake on LAN	Wake on LAN

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Features of WinClient TC600 Series

Model	TC-600 Thin Client
Processor	
CPU	VIA Eden 533MHz or above
Memory	•
RAM	One SDRAM 144pin DIMM 64MB up to 512MB
DOC	One Disk on chip flash ROM 8MB up to 144MB
Standard Interface	
VGA	up to 1024×768×32bit high color, VESA monitor support with DDC
LAN	One 10/100BaseT fast Ethernet port, twisted pair RJ45
PCMCIA	One IEEE802.11b Wireless LAN (Option)
Smart Card	One Smart Card (Option)
PS2	Support PS2 KB, Mouse
Serial	Two RS232, 9Pin DSUB COM1, COM2
Parallel	25Pin DSUB
USB Port	2 USB Ports
Audio Line Out	1/8inches mini, full 18bit stereo, 44KHz sample rate
Power System	
Connector	2 Pin Jack 5V DC.
AC/DC Adapter	Input AC 100/240 Volt, 50~60Hz. Output 5VCD, 4A
Physical Mechanica	ıl
Dimension	220 mm (H) x 45 mm (W) x 155 mm (D)
Client Side System	Software
OS System	Microsoft Windows CE
Optional	IBM: AIXterm, 3270, 5250
Terminal	Digital: VT42, VT100, VT220, VT320, VT420, VT520, VT525
Emulations	ANSI: ANSI-BBS, SCO-ANSI, AT386
(Option)	Additional: Wyse (50/60), Data General D-412, Televido (TVI 925/950)
Local Browser	Optional Microsoft Internet Explorer
Connectivity	Microsoft Remote Desktop Protocol RDP
	Citrix ICA Protocol ICA
Server Side System	Software
Management Tool	WinClient Remote Manager

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Features of WinClient TC805 Series

Model	TC-805 Thin Client
LCD	
Panel Size / Type	15"TFT Color LCD Panel
OSD Control	Auto-adjust
	Monitor-control: H-position, V-position, Phase, Clock, Reset
	OSD-control: OSD-H-position, OSD-V-position
	Misc-control: Language, Information (firmware version)
	Graphic-Control: Contrast, Brightness, Sharpness, Color, R, G & B Adj.
Processor	
CPU	NS Geode 300MHz
Memory	
RAM	One SDRAM 144pin SODIMM 64MB up to 512MB
DOC	One Disk on chip flash ROM 8MB up to 144MB
Standard Interface	
VGA	up to 1024×768 16bit high colors, VESA monitor support with DDC
LAN	One 10/100BaseT fast Ethernet port, twisted pair RJ45
PCMCIA	One IEEE802.11b Wireless LAN (Option)
Smart Card	One Smart Card (Option)
PS2	Support PS2 KB, Mouse
Serial	One RS232, 9Pin DSUB COM1
Parallel	25Pin DSUB
USB Port	2 USB Ports
Audio Line Out	2×1 Watts speakers with Amplifier
Power System	
Connector	2pin Jack 12V DC
AC/DC Adapter	Input AC 100/200 Volt, 50~60Hz, Output 12VDC 3.75A
Physical Mechanica	1
Dimension	331mm(H)×362mm(W)×175mm(D)
Client Side System	Software
OS System	Microsoft Windows CE
Optional	IBM: AIXterm, 3270, 5250
Terminal	Digital: VT42, VT100, VT220, VT320, VT420, VT520, VT525
Emulations	ANSI: ANSI-BBS, SCO-ANSI, AT386
(Option)	Additional: Wyse (50/60), Data General D-412, Televido (TVI 925/950)
Local Browser	Optional
Connectivity	Microsoft Remote Desktop Protocol RDP
	Citrix ICA Protocol ICA
Server Side System	Software
Management Tool	WinClient Remote Manager
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Features of WinClient TC810 Series

Model	TC-805 Thin Client
LCD	
Panel Size / Type	15"TFT Color LCD Panel
OSD Control	Auto-adjust
	Monitor-control: H-position, V-position, Phase, Clock, Reset
	OSD-control: OSD-H-position, OSD-V-position
	Misc-control: Language, Information (firmware version)
	Graphic-Control: Contrast, Brightness, Sharpness, Color, R, G & B Adj.
Processor	
CPU	VIA Eden
Memory	
RAM	One SDRAM 144pin SODIMM 64MB up to 512MB
DOC	One Disk on chip flash ROM 8MB up to 144MB
Standard Interface	
VGA	up to 1024×768 16bit high colors, VESA monitor support with DDC
LAN	One 10/100BaseT fast Ethernet port, twisted pair RJ45
PCMCIA	One IEEE802.11b Wireless LAN (Option)
Smart Card	One Smart Card (Option)
PS2	Support PS2 KB, Mouse
Serial	One RS232, 9Pin DSUB COM1
Parallel	25Pin DSUB
USB Port	2 USB Ports
Audio Line Out	2×1 Watts speakers with Amplifier
Power System	
Connector	2pin Jack 12V DC
AC/DC Adapter	Input AC 100/200 Volt, 50~60Hz, Output 12VDC 3.75A
Physical Mechanica	d
Dimension	331mm(H)×362mm(W)×175mm(D)
Client Side System	Software
OS System	Microsoft Windows CE
Optional	IBM: AIXterm, 3270, 5250
Terminal	Digital: VT42, VT100, VT220, VT320, VT420, VT520, VT525
Emulations	ANSI: ANSI-BBS, SCO-ANSI, AT386
(Option)	Additional: Wyse (50/60), Data General D-412, Televido (TVI 925/950)
Local Browser	Optional
Connectivity	Microsoft Remote Desktop Protocol RDP
	Citrix ICA Protocol ICA
Server Side System	Software
Management Tool	WinClient Remote Manager
*C	

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Hardware Setup

Unpacking & Checking the Equipment

Before unpacking the WinClient, prepare a clean, stable surface to put the contents of your WinClient shipping container on. You should find following items in the WinClient package:

The WinClient TC320

One AC Adapter A Power Cord A Stand in three parts for your WinClient User's Manual *A PS/2 Keyboard with cable *A PS/2 Mouse with cable

The WinClient TC600

One AC Adapter A Power Cord A Stand for your WinClient User's Manual *A PS/2 Keyboard with cable *A PS/2 Mouse with cable

The WinClient TC805/TC810

One AC Adapter A Power Cord User's Manual PS/2 Mouse, Keyboard spilt cable *A PS/2 Keyboard with cable *A PS/2 Mouse with cable

Notice:

*PS/2 Keyboard and Mouse are optional items.

Identify Parts of the WinClient TC320

The illustrations that follow identify the various features of the WinClient TC320.

Front View



Power On/Off Switch (The Power On/Off Switch turns your WinClient on or off. Push it in for on, out for off) Network Activity Indicator (Yellow lights when your WinClient is sending data through a network) Power Indicator (Green lights when your WinClient is connected to a power source and is turned on)



Microphone, audio input.

Headphone, audio output for Headphones, Speaker.

Network, RJ-45 jack for a 10/100BaseT twisted pair Ethernet connector.

Video, standard DB-15 VGA type connector for Monitor.

Parallel, standard DB-25 parallel port for printer. COM1, DB-9 RS232 port, for external modem, touch screen . COM2, DB-9 RS232 port.

USB1, Universal Serial Bus connector.

USB2, Universal Serial Bus connector.

Mouse, PS/2 type mouse connector.

Keyboard, PS/2 type keyboard connector.

Power, Power Connector

Identify Parts of the WinClient TC600

The illustrations that follow identify the various features of the WinClient TC600.

<complex-block>Power On/Off Britishing

Front View

Power On/Off Switch (The Power On/Off Switch turns your WinClient on or off. Push it in for on, out for off) Network Activity Indicator (Yellow lights when your WinClient is sending data through a network) Power Indicator (Green lights when your WinClient is connected to a power source and is turned on)

Rear View



Network , RJ-45 jack for a 10/100BaseT twisted pair Ethernet connector. Audio output Video, standard DB-15 VGA type connector for Monitor. Parallel, standard DB-25 parallel port for printer. COM1, DB-9 RS232 port, for external modem, touch screen . COM2, DB-9 RS232 port. USB1, Universal Serial Bus connector. USB2, Universal Serial Bus connector. Mouse, PS/2 type mouse connector. Keyboard, PS/2 type keyboard connector. Power, Power Connector

Identify Parts of the WinClient TC805/TC810

Front View

- Power On/Off Switch (The Power On/Off Switch turns your WinClient on or off. Push it in for on, out for off) 4
- OSD Functions include :
- 1. Auto-adjust.
- Monitor-control: H-position, V-position, Phase, Clock, Reset. 2.
- 3.
- OSD-control: OSD-H-position, OSD-V-position. Misc-control: Language, Information (firmware version) 4.
- Graphic-Control: Contrast, Brightness, Sharpness, Color, R, G & B Adj. 5.





Rear View





Connecting the Terminal

Before connecting the cables, arrange your WinClient and monitor in your work area. Be sure not to block the vents around WinClient and Monitor.

Plug the AC power core into the power adapter, then into AC power source. Connect the adapter cable to power connector Connect the keyboard cable to keyboard connector. Connect the mouse cable to mouse connector. Connect the monitor video cable to video connector. Connect the monitor power cable to the AC power source. Connect the 10/100Base-T twisted pair network cable to network connector. If you have a local printer, connect its cable to parallel port. If you have microphone, plug its cable into microphone port. If you have headphone or speaker, plug its cable into headphone port.

Using the Power On/Off Switch

After the cables are connected, you are ready to turn it on by pressing power On/Off switch.

To turn on your WinClient, push the power On/Off switch in. The power indicator lights.

To turn off your WinClient, push the power On/Off switch again so that it returns to its extended position. The power indicator lights off.

Please note that the unit needs about 4-5 seconds of leading time when turning on or off. So, once turn off the machine, to switch it on again, wait for 4 to 5 seconds, then switch on.

START UP Quickly Configure Your WinClient

After completing the hardware setup, the WinClient must be configured before it is ready to use. This chapter guides you through the most easy and quick way to configure your WinClinet. Quick configuring your WinClient can be accomplished through the following steps:

Power on your WinClient.

The Welcome setup wizard dialog box is first dialog box when you turn on your terminal for the first time. Click on the [NEXT] button in the dialog box to display the next setup wizard dialog box.

Welcome



Setup Wizard Step 1



The End User License Agreement setup wizard dialog box is the next dialog box that will appear. Read the license agreement carefully. If you accept this agreement to use this terminal, click on the [ACCEPT] button to accept the agreement and continue with the next setup process.

End User License Agreement

WinClient Setup Wizard	
Winchent Setup 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<="" th=""></back>

Setup Wizard Step 2

The following dialog box allows you to insert your terminal name of your clients. Also, it allows you to configure your Network settings (For details of setting up the Networks, please refer to Network and Dial-up Properties).

Terminal Name

WBT Setup Wizard			×
	<u>T</u> erminal Name	W005087	
		Network Properties	
		< <u>B</u> ack <u>N</u> ext	•>

Setup Wizard Step 3

Desktop Area and Refresh Frequency setup wizard dialog box is the next dialog box. To use the default resolution click [**NEXT**] button. You may choose other resolution from the Desktop Area and Refresh frequency scroll list. To ensure your selection works with your monitor, click [**TEST**] button. If you see the test image properly, click [**NEXT**] button to go to the next dialog box, otherwise select other resolution and test again.

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 1024 x 768 @60Hz Test
Colors High Color(16 bit)

Desktop Area and Refresh Frequency

Setup Wizard Step 4

By clicking on the Network and the printers Icon allows you to configure the connections and the printers type for your systems.

Network and Dial-up	Connections	&	Printers
---------------------	-------------	---	-----------------

		×
Network and Printers Dial-up		
Connects to other computers, networks, and the Internet	Open	

Setup Wizard Step 5

You have successfully completed the Setup Wizard. Click on the [**FINSH**] button to apply the settings you have specified and exit Setup wizard. Any future change can be made using the Terminal Properties dialog box. See the chapter Changing the Terminal Properties.



Finish

Setup Wizard Step 6

Quickly Connect your WinClient with Server

Now, you are ready to connect your WinClient with Server. The Terminal Connection Manager dialog box will be displayed after the Setup Wizard closed. Terminal Connection Manager will help you to manage your Terminal's network connections. See the Chapter Terminal Connections Management. This section guides you through the most easy and quick way to connect your WinClinet with Server. Quick-Connecting your WinClient on the network can be accomplished through following steps:

Add new connection.

Click [**Configure**] button

Terminal Connection Manager Step 1-1

Then Click [Add] button, a new Connection dialog box displayed. Choose the type of connection from the connection scroll list. And Click [OK].

ICA Connection

Connection Name	7,04	Satu
New Connection Select the type of car	nection to creater	×
2000-304 Clark	<u>a</u> a	

Select the type of connection you wish to have for your remote application.

nector Nara	Type Bletup
Specify Connection Ty	pe
Classes a connection type	for the measure application
	DisHa Consection
Cated	Heat w

Select a	Citrix	Server	or	Published	Ap	plication
----------	--------	--------	----	-----------	----	-----------

				1 Parts In
arrectors Name			1324	State
Select a C	trix Server or	Published A	optication	
Tallert & Citri	a server firms the l	list of type in a se	orrer mane.	10
(in) came Se	ten O Dan	ted Application		lica
AZUS40 TEST2K			1	Befleib
1.000			-	
You can sha	ngo yumi interne dar	ation settings by	dicking Server Loca	tion
Planary City	a server canto-Lo	(988)	Server Location	5
Cascal	< Back	Hert »	Finish	

In this case our Citrix Server is selected to be TEST2K

		Тури	Statup
Select a	Citrix Server or Pub	lished Application	
Citize	Server O Babbal A	pplication	ica
AZUS40			Befieib
You can al	hange wan server location	settings by clicking Server Local	100)
Friesary C	itele server (Auto-Locate)	Server Location	
Careal	- Beck	Hart > Finish	
Commission of the local division of the loca			

Put a title down for your ICA connection.

metton Nate	Type	Statup
Provide state of the second state of the secon		
Select a title for the ICA connect	Connection	16
TEST2E.		- Jaco
1		
Corol +Beit	Bet > Fmb	20

Specify your Command Line and Working Directory for your application.

onvertion Nane		Type	Statup
Specify an Application organization to ma. Learn the dealery Command Line: Working Directory: Caniel • Belli	ad has and working fam on fails black to my a b Heat >	tury of the Windows NT	<u>کون</u>
Wonking Directory:	Bat>	Tout	_

Specify your logon information.

mettion	Nater			Type	Statup
	If desired, proc.o economical 2007 Uniterative Parronal Desenates Hote: If the op- millorenates the Canini	ne quelly lages solar le means application le vennes application le ven specify lave a g * Back B	nation to be an no published ag pored	el obre plication, et Fauth	jes ricen

Select Window Options

nection Name	Type	Ratup
Select Window Options		
Window Colors	doaton window will appear on	3x6
Carca cpex	Dext > Doue	

innection Name		Type	Startup
Commention Encore	tion and Sound		
Use Printer Coaff	guatios Utility		
Compassi Data It	14 am		
Strand Quality:		+	
Spindleman.	or 💌	1.1	
Encryption Level:	Ber	•	
Curoil + Be	ck Bast >	Finals	-

Configure your Firewall Settings

onnection Name	Type	Sartup
Firewall Settings Use alternate ableer through fo SOCES Consect via SOCES proxy Address of proxy to use Cancel + Back	ensile Part Timb	



ICA Client TEST2K now created.

The following dialog box shows when ICA is created under Connections.

medion Nave	Type	Status
TEST2X Web connection	SCA Web	

The following dialog box shows when ICA is created under Configuration.

ionnection Name	Type	Startup
RESTOR	1CA	

RDP Connection

Connection Name				Туре	Startup	
eo TEST2K				ICA		
	New Conne	ection			×	
	Select the type of connection to create:					
	Microsoft Remote Desktop Client					
			0	Ca	ncel	
					10	

Terminal Connection Manager Step 1-2
WTS Connection Wizard dialog box displayed. Enter the name of the new connection into the "Name" field. Enter the server IP into the "Server" field. Click on [**NEXT**] button.

WIS Connection	Wieard 🔀
	Type a name for the new connection. Name: Type the name of the computer to which you want to connect. Server: Click Low Speed Connection if you are connecting across a liberer network.
_	- East P Bourt -

In this case, we take server test2k as an example, type in the name "test2k" in both columns.

WIS Connection	Weard X
	Type a name for the new connection. Name
	16:528
	Type the name of the computer to which you want to connect. Server:
	10:524
	Click Law Speed Connection If you are connecting across a slower network.
1	Low Speed Connection
	a Date Next >
the second second second	

37

If you want to automatically log onto the server, click [Automatic Logon] and enter your user name, password, and domain. Otherwise, you will be prompted for this information each time you choose the connection. Click on [NEXT] button.

nn 38 39 39 30 30 30 30 30 30 30 30 30 30 30 30 30
--

Using the default setting and click [NEXT] in the dialog box.

WTS Connectio	en Witzard 🛛 🕺
	On connectors, the Windows NT desktop is deployed by default. To start an application when you connect, used: Application file name and type its name. © Quality: © Application file name: Second Second S
	< gack

Click [Finish] button in dialog box

WIS Connect	ion Woard X
Carel Maria	You have successfully created a new connection called:
	hotzk
1	Click Finish to save your new connection
	c Back Trents

Now, you have successfully created a new RDP connection test2k.

The following dialog box shows when RDP is created under Connections.

Development for Name Notae Web connection	R DP Web	Sala

onnection	Nome			Туре	Startup
JAM8 -				КDР	
₫dd	Edž	Delete	Startup		

The following dialog box shows when RDP is created under Configuration.

Internet Browser

In WinCE 3.0 version, the connection for Internet Browser will need to be created by the users manually. However, in WinCE 4.0 version, Internet Browser is already in-build within the connections.

onnection Name	Type	Status
FA01540	ICA RDP PowerTerm Web	
Web connection	Web	



Terminal Connection Manager Step 1-3

Add your own Web Connection to your favorite.



Terminal Emulator

Terminal Connection Manager (Press F2 to se Connections Configure	et Terminal Properties)	
Connection Name	Туре	Startup
New Connection Select the type of connection to (Ericom Power Term - Terminal Em	create: ulator	×]]
Add Edit Delete	Startup	

Terminal Connection Manager Step 1-4

Select your Connection Properties

Vert	Connection Prope	ttes				
A TE	COM	Hoot Hame		inal ID 20	Terrinal	First #
	IIM Terminali O 3230 Display O 3232 Prates O 3253 Display	VT Terminule ○ VT 52 (○ VT 100 (● VT 220-7 () VT 320-8) VT 420-7) VT 420-8	C TARDER O TARDER	General Terretan O DG O 200 ANTI O BEI ANTI	
	C S230 Pratei	O VT 220-8 () VT 525-7) VT 525-8		O AT 388	O TYO SO
	Des Terminal Coulie	piotos				

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		Bort Num	Termail ID	Tereand	Post #	
Canne	COM	[tert	VT230	e foot	123	
Contract of the second	110M Terrezalo	VT Terrendo	leterel	General Termin	ф. <u> </u>	
°	O 3270 Diplay	O V7 52 O V7	300-8 O TANDE	M O DO	OWE	
- 11	C 3270 Printer	OALIN OA	(420-7 OHP	C DOD AHES	Own	
	O S230 Display	@ VT 220-7 () V7	7.420-8	O HE ANI	OTHE	
1	O S250 Frantee	O VT 120-8 O V7	1 525-7	O AT 386	OTHE	
	Properties	O VT 325-7 O VT	\$25-8	O AUCTERM	Oum	
	The Terminal Configuration					
	Setty Name Part					
- 1	Nue Stript On Logon					
	Script Haves Basa Script					
#	Script Hans	6.7	1	9as 5	up!	

Click on the ok icon to create your Power Term.

Connection Name		Tipe	Satup
Blanc teat Tost2k Frost2k		WebSke PowerTens RDP ICA	

Starting a connection

Click [**Connections**] button.

Click the [**Connection Name**] in the list that you want to connect. Click [**Connect**] button

Connection Name	Туре	Status
Bitmo test test2k	WebSite PowerTerm RDP	

Starting a Connection

Now, you are connected! Once you have started a connection, you can use programs just as you would on a networked personal computer.

Stopping Connections

To stop connection, click-disconnect or logo-off from the windows start menu.

Terminal Connections Management

WinClient uses Terminal Connection Manager to manage connections with its server(s). The Terminal Connection Manager dialog box displayed after Setup Wizard closed, reboot or turn on WinClient in future. Terminal Connections Manager also can be invoked at anytime during normal terminal operation by pressing the "Ctrl + Alt + End". Terminal Connection Manager dialog box consists of Connections and Configure properties. The Connections properties provide the interface that users can start sessions, switch among active sessions, and end sessions. The Configure properties also provide the interface that users can add, modify, delete and startup connections.

Те	rminal Connection Manager (Press F2 to set Terminal Prope	erties)	
ſ	Connections Configure		
	Connection Name	Type	Status
		Web	
	<u>C</u> onnect End <u>Shutdown</u>		

The Windows-based Terminal shell with default conection

Using the Connections Properties

The Connections Properties page contains four controls: Connection Name List, Connect Button, End Button and Power Off Button .

Connection Name	Туря	Status
AXUS40	BCA. RDP	
NTUST	PowerT	erm
Web connection	Web	

The Windows-based Terminal shell with 2 connections defined (AA and BB).

1. Connection Name List

After a connection is added, the name and the type of the connection will show in the Connection Name List.

The Connection Name List allows user to view and select connections or end a connection. If user double-clicks on a connection in the [Connection Name] column, the effect is the same as selecting a connection and pressing the Connect button. Highlighting a connection and pressing the Enter key also has the same effect as a double-click.

2. Connect button

The Connect button is overloaded in terms of its functionality. If a connection is not active, the button serves to activate the selected connection from the Name List. If a connection is active, the button serves to switch between connections.

3. End button

The End button ends the connection process. When the user presses the "**End**" button, the Terminal Connection Manager post a message to the client. If the connection is still active after some specified amount of time (10 seconds by default), the user is given the option of terminating the process as shown in figure.



The End Task dialog appears if a specified amount of time has passed and the connection is still active after having pressed the End button.

The client should respond to the message and give user the opportunity to shut down the connection. For example, in the case of RDP, the remote Window NT desktop comes to the foreground and prompts the user as is shown by the following figure. The user will only receive this message if they are logged in. If the session was simply waiting for a user to login, the session will quietly exit.



The Microsoft RDP client responds to a WM_CLOSE message by prompting the user as shown.

Using the Configure Properties

The "**Configure**" page consists of 5 controls: Add Button, Edit Button, Delete Button, Startup Button.

Connection Name		Туре	Startup
AXUS40		ICA RDP PowerTerm	

The Windows-based Terminal shell with no connections defined (View 2)

1. Add Button

The Add button allows the user to create a new connection. This figure shows the effect of pressing the "Add" button. The user is presented with a dialog box that allows them to select the type of connection to create.

Connection Name ©TEST2K	Type ICA	Startup
New Connect	on	×
Select the type	of connection to create: te Desktop Client	
1	ск	Cancel
-		

Pressing the Add button prompts the user for a connection type.

WTS Connecti	on Wizard 🗙
John Kate	Type a name for the new connection. Name:
	Type the name of the computer to which you want to connect.
	Server:
	Click Low Speed Connection If you are
10.	Low Speed Connection
	a new later 1
	< Back Ment >

The following figure shows the dialog presented when selecting a RDP connection.

Selecting to add a "Microsoft Remote Desktop Client" connection starts the WTS Connection Wizard.

2. Edit Button

a a service of the second	Edit Connection	OK ×	
nections Configu ormection Name Ekimo PTEST2K TEST2K test test2k	Net Connections Application Connection Name: Name: Server: Server: Test2k Automatic Logon Sername: Username: Server: Domain: Server: -Connection Speed Server:		itartup
	Low Speed Connection		

The Edit button allows the user to edit or modify the properties of an existing connection. Following figure shows the effect of pressing the Edit button for the connection named "AA" which is a RDP connection (acronym for Microsoft Remote Desktop Client). By pressing the "Edit" button, the shell starts the Edit Helper for RDP. Selecting to edit the connection "AA" starts the Edit Helper for the "Microsoft Remote Desktop Client" connection type.

3. Delete Button

	Typ	be .	Startup
Bkino Rtest	We	bSRe verTerm	
test2k	RD	P	
FTEST2K	10/	۱	125
Confirm Conr	nection Delete		123
- Me to			
20	Yes No		
	Yes No		
	Yes No		

The Delete button allows the user to delete a connection. As shown by the following figure, the user will be prompted as to whether or not they really want to delete the connection. The shell will notify the user that an error occurred while attempting to delete the connection.

4. Startup Button

The Startup button allows the user to specify the startup behavior of a connection. A connection's startup behavior can be either "**Default**" or "**Autostart**". If a connection has been specified Default, it will be pre-selected in the list view when the shell starts up so that the user need only press the Enter key once to startup the connection. If the connection has been specified as Autostart, the behavior is the same as specifying a connection as Default with the one exception being that the shell will automatically start the connection process instead of requiring that the user press the Enter key. If a user does not select a Default connection, the first connection in the list will be specified as the Default connection.

The list view allows the user to view and select connections for the purpose of adding, editing, deleting, or specifying the startup behavior of a connection. If a user double-clicks on a connection in the "**Connection Name**" column, the effect is the same as selecting a connection and pressing the "**Edit**" button. Highlighting a connection and pressing the Enter key also has the same effect as double-click.

Skino WebSke test PowerTerm Itest2k Connection Startup Choose one of the following startup options for the connection you have selected: rStartup Options X	onnection l	kame Type Str	artup
TEST2K Connection Startup Choose one of the following startup options for the connection you have selected: r Startup Options	test	WebSite PowerTerm	
Choose one of the following startup options for the connection you have selected: Startup Options	TEST2K	Connection Startup	×
Make the selected connection your Default connection. Automatically start the selected connection at startup. OK Cancel		Make the selected connection your Default connection. Automatically start the selected connection at startup. OK Cancel	

Selecting a connection's startup behavior



nnection Name	Type	Startup
A B	RDP RDP	Autostart

The connection "BB" with its startup behavior set to Auto-start.

Changing the Terminal Properties

This chapter explains how to change the Terminal Properties using the Terminal Properties dialog box. Invoke the Terminal Properties dialog box by press "F2" key while Terminal Connection Manager is the most front window. Terminal Properties dialog box consists of eight properties, General, Local Resources, Display, Experience, Control Panel, Firmware, Security, and Miscellaneous that can be invoked by press respective buttons.

General Properties

General Properties page describes the general information of WinClient.

Terminal Properties	ок 🗙
General Local Resources Displ	ay Experience Control Panel Firmware Security Misc
Copyright@200	2AXUS Microsystems Inc.
Product	WinClient TC-320NE Series
Product ID:	53555841-4354-3033-00d0c9315087
Version:	4.0.1
Microsoft Windo	ows CE: WinCE 4.0
Tanaia dalara	
i erminai <u>N</u> ame	WUUSU87
Reset the to	erminal to factory-default property settings.

General Properties

Reset the Terminal to Factory Default Settings

To reset the terminal properties to factory default settings, click the "**Reset the terminal to factory default property settings**" button to clear all the settings in on-board flash memory. When System Settings change dialog box display, click "**Yes**" button. Confirm erase all settings Click "**Reboot**" button in the Confirm Erase All Settings dialog box. All data in flash memory will be erased, including all connection configurations.

Reset the terminal to factory default property settings

Local Resources Properties

Local Resources Properties page allows you to add and configure your local devices including sound, disk drives, Printers, Serial Ports and Smart Cards .

Remote computer sound Pring to this computer Local devices □ Disk grives □ Disk grives □ Serial ports □ Serial ports □ Smart cards	eral Local	Resources	Display	Experience	Control Panel	Firmware	Security	isc]
Remote computer sound Sring to this computer Local devices Disk grives Printers Serial ports Serial ports Smart cards								
Pring to this computer Local devices Disk grives Printers Serial ports Smart cards	Remote	computer	sound -	-		1		
Local devices Disk drives Printers Serial ports Serial cards		Stine	to this c	omputer		-		
Local devices □ Disk <u>d</u> rives Printers □ Serial ports ▼ S <u>m</u> art cards		New York						
Local devices ☐ Disk drives ✓ Printers ☐ Serial ports ✓ Smart cards	W. SIGN	10						
	Local de	vices — Di	sk <u>d</u> rives	X				
 ✓ Serial ports ✓ Smart cards 	-	Pr	in <u>t</u> ers					
Smart cards	P	🗖 Se	erial po <u>r</u> ts					
		🔽 St	<u>n</u> art card	s				

Local Resources Properties

The default are set as Printers and Smart Card. To add local devices, simply click on the items that you need.

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Display Properties

Display Properties page let you configure your terminal's display. The functions of control buttons are as follow:

Desktop Area and Refresh Frequency: The Desktop Area Refresh Frequency scrolling list displays current Terminal's display resolution mode. You may choose other resolution from the Desktop Area and Refresh frequency scroll list. To ensure your selection works with your monitor, click "TEST" button.

ferminal Properties	OK 3
General Local Resources Olipikiy Experience Control Pa	nel Firmware Security Mec
Desktop Ama and Refresh Programmy	Tust
Screen Saver	∃meutes
Colors	
Note: Setting on the remote computer might o	wentie the acting

Display Properties-1

If you see the test image properly then click "OK' button, otherwise select other resolution and test again.



Display Properties-2

Screen Saver: Set the Screen Saver enable or disable. When Screen Saver set enable, select the display background and adjust the amount of elapse time to start the energy saver

Colors: The Colors scrolling list displays current color depth. You may choose other color depth from the Colors scroll list.

Click "**OK**" button to save changes and quit the Display Properties page. Click "**Cancel**" button to quit the Display Properties without save changes.

Note:

Some of Terminal's display resolutions and colors support by specific H/W platforms only.



Experience Properties

Experience Properties page allows you to choose your own connection in order to maximize your client's connectivity performance.



Experience Properties

The connection allow the following configuration to be set-up :

- 1. Desktop background
- 2. Show contents of window while dragging
- 3. Menu and window animation
- 4. Themes
- 5. Bitmap caching



Control Panel

Control Panel Properties is specially design for setting up the basic configuration of your clients. It includes the following :

9		S.	Se la companya de la	30	Ċ	30
Regional Settings	Network and Dial-up Co	Printers	Keyboard	System	Mouse	Volume & Sounds
Date/Time						

- **Control Panel Properties**
- 1. Regional Settings
- 2. Network and Dial-up Properties
- 3. Printers
- 4. Keyboard
- 5. System
- 6. Mouse
- 7. Volume & Sounds
- 8. Date/Time

Regional Settings Properties

Regional Setting Properties allow you to change the locale and the user interface language for your clients. It includes how numbers, dates, currencies and times and all of these elements will change accordingly to your selected adjustments.

The Keyboard mapping and driver will be changed accordingly when you change the Locale.

tegional Settings Pro	operties			? OK >
Regional Settings	Number	Currency	Time	Date
Your locale ——				
The locale option at some programs forn currency, time and	fects how hat numbers, dates.	English (US)		•
User Interface Lan	guage ———			
The option will detern language used for the dialogs and alerts.	mine the e menus,	English (US)		Ţ

Regional Setting Properties

Number:

Regional Settings Pro	tegional Settings Properties ?					
Regional Settings	Number	Currency	Time	Da	te]
Appearance		<u>D</u> ecimal sy	mbol:			-
Positive: 123,456,789	.00	No. of digi	its af <u>t</u> er deci	mal:	2	-
Negative: -123,456,789	9.00	Digit group	ping symbol:		,	-
Negative number format	: [101	 No. of digi 	its in group:		3	-
Display leading zeros:	0.7	 Negative s 	sign symbol:		-	•
Measurement system:	U.S. [🔹 List separa	ators:		,	-

Regional Setting Properties- Number

Currency

Regional Settings Pr	operties			? OK	×
Regional Settings	Number	Currency	Time	Date	1
Appearance:	Positive: Negative:	\$123,456,789.00 (\$123,456,789.00))		
Currency symbol:		No. of digits after	decimal:	2	-
Digit grouping symbol:		Position of current	cy symbol:	2.1	-
No. of digits in group:	3 💌	Negative number ;	format:	(?.1)	-
Decimal symbol:		¤ = Unive	rsal currency	symbol	

Regional Setting Properties – Currency

Time

gional Settings Pr	operties			? OK	2
Regional Settings	Number	Currency	Time	Date	
Appearance	:50:38 PM	A	M symbol: 🗛	M	
Time style:	mm:ss tt		M symbol: 🛛	M	

Regional Setting Properties – Time

Date

Regional Se	ettings Pro	operties			? OK ×
Regional 9	Settings	Number	Currency	Time	Date
<u>C</u> alendar: ₅Short Dat	Gregoriar e	n Caleridar	ng Date	v	
Sample: Style:	9/20/200	2 S	ample: Friday,	September 2	20, 2002
Se <u>p</u> arator:	/		yle: dddd, MM	MM dd, yyyy	•

Regional Setting Properties - Date

Network and Dial-Up Properties

This properties allows you to set up the configuration for your Network and Dial-up connections.





Dian Up Properties

Dial-Up Properties contain 3 different types of connections.

1. Dial-Up Connection

Dial-Up Connection page let you configure your Modem and dial up to a RAS Server. The communication between the system and the clients is connected through dial-up modem.

ype a	name for the connection:
3	My Connection
veleet i	les sousseties tussu
)elect i	• • · · · ·
	Dial-Up Connection
	O Direct Connection
	🔿 Virtual Private Network

Dial-Up Connection -1

Setting up your Dial-Up connection, simply follow steps below to dial up to RAS server when using a modem:



1.Select the serial port or modem to dial-in: Connect Hayes compatible modem to the selected port.

My Connection	
elect a modem:	
Hayes Compatible on C	OM1:
	Configure.

Dial-Up Connection-2

2.If you would like to change TCP/IP settings to this RAS connection, click on "Configure or TCP/IP Settings" buttons respectively. And within configure device properties you can adjust the Port Settings and the Call Options to your standard requirement.

Device Properties			OK ×
Port Settings Call Options			
Manual Dial (user supplies dial strings)	Connection Pre Baud Rate Data Bits	aferences	•
Use terminal window before dialing Use terminal window after dialing	Parity Stop Bits Bow Control	None 1 Hardware	*

Dial-Up Connection - 3

3. If "Hayes Compatible on COM1:" or specific PCMCIA modem card (if the optional built-in PCMCIA slot has modem card inserted) is selected, input the telephone number inside "Telephone Number" group for dialing. Country code and Area code have to be inputted to make the dialing number formed correctly.

My Conn	ection Proper	rties OK ×
Modem [Phone Number]
21	My Connection	
Select a	modem:	-
Hayes C	ompatible on C	OM1:
		Configure
TCP/II	9 Settinas	Security Settings

Dial-Up Connection – 4

My Connection Proper	ties 🛛 🗰 🗙
Modem Phone Number Image: White State	
Country/region code: Area code: Phone number:	2 4125678
Force local	

Dial-Up Connection –5

TCP/IP settings :

Set up your assigned IP address and configuration of your clients.

TCP/IP Settings		ок 🗙
General	Name Servers	
21	My Connection	
Use	server-assigned IP address	
	• •	
Use	Slip	
🔽 Use	software compression	
🔽 Use	IP header compression	

Dial-Up Connection - 6

TCP/IP Settings			OK ×	
General Name Se	rvers			
Use server-assi	gned a	ddress	ies	
DNS:	8]
Alt DNS:		(j.		
WINS:	- 3.0	1		
Alt WINS:		ł.	34	

Dial-Up Connection - 7

7	0

Security Settings :

Security Properties page enable the administrator or user to hide Configure Tab in Terminal Connection Manager and set up system passwords. These properties provide administrator or users more security level choices to access WinClient.

Security Settings	ок 🗙	
Advanced Security Settings		
Use Data encryption		
Logon security:		
Use Extensible Authentication Protocol (EAP)		
MD5-Challenge	*	
Properties.		
Unencrypted password (PAP)		
Ghallenge Handshake Authentication Protocol (OHAP)		
Microsoft CHAP (MS-CHAP)		
Microsoft CHAP Version 2 (MS-CHAP v2)		
Eor MS-CHAP based protocols, automatically use my Windows logon name and password (and domain if any)		

Dial-Up Connection - 8

Enter your country, area code and phone number to complete set-up.

Phone Number		×
My Connection	8	
Country/region code: Area code:	886 2	
Phone number:	4125678	
Force long distance		
	< <u>B</u> ack	Finish

Dial-Up Connection - 9



2. Direct Connection

The communication between the systems and the clients is connected through serial port then link to destination via LAN connection

ame for the	e connection:	
:OM Conne	ection	
e connecti	on type:	
) Dial-Up (Connection	
Direct C	onnection	
) Virtual P	rivate Network	
	< Back	Next >
	e connecti) Dial-Up () Direct C) Virtual P	e connection type:) Dial-Up Connection) Direct Connection) Virtual Private Network < <u>Back</u>

Direct Connection -1

If you would like to change serial port settings or TCP/IP settings to this RAS connection, click on "Configure or TCP/IP Settings" buttons respectively. And within configure device properties you can adjust the Port Settings and the Call Options to your standard requirement.

Device Properties			OK	×
Port Settings Call	Options			
Manual Dial (us	er supplies dial	Connection Pre	ferences	▾
Terminals —	al window	Data Bits Parity	8 None	•
before dialir Use termina dialing	ng al window <u>a</u> fter	Stop Bits Elow Control	1 Hardware	•

Direct Connection -2

7	0
1	L
Use the device properties to configure your port settings and call options.

Device Prope	rties	ок 🗙
Port Settings	Call Options	
Call Setup		
Cancel	the call if not connected within 5 seconds	8
₩ait fo	or dial tone before dialing	
Wai	t for credit card tone O	

Direct Connection -3

If "Serial Cable on COM1:" is selected, direct serial cable connection is assumed, in this case, telephone number fields will be grayed. Click finish to complete the set-up.

Device	×
COM Connectio	n
Select a device:	
Serial Cable on COM1:	•
	Configure
TCP/IP Settings	Security Settings
	< <u>B</u> ack Finish

Direct Connection -4

TCP/IP settings :

Set up your assigned IP address and configuration of your clients.

FCP/IP	Settings	ок 🗙
General	Name Servers	
22	My Connection	
	server-assigned IP address	
]
Use	Slip	
✓ Use	software compression	
V Use	IP header compression	

Direct Connection -5

TCP/IP Settings				OK ×
General Name Ser	rvers			
	gned a	ddress	es	 7
Alt DNS:				
WINS: Alt WINS:			•	

Direct Connection -6

Security Settings :

Security Properties page enable the administrator or user to hide Configure Tab in Terminal Connection Manager and set up system passwords. These properties provide administrator or users more security level choices to access WinClient.

Security Settings	OK ×
Advanced Security Settings	
Use Data encryption	
Logon security:	
Use Extensible Authentication Protocol (EAP)	
MD5-Challenge	-
Properti	05
Unencrypted password (PAP)	
Ghallenge Handshake Authentication Protocol (OHAP)	
Microsoft CHAP (MS-CHAP)	
Microsoft CHAP Version 2 (MS-CHAP v2)	
Eor MS-CHAP based protocols, automatically use my Windows logon name and password (and domain if an	y)

Direct Connection -7

3.Virtual Private Network Connection

The communication is connected through an established virtual channel between the system and the client itself in the entire network. Date will be encrypted when being transform between the two.

Туре	a name for the connection:
3	VPN
Selec	t the connection type:
	O Dial-Up Connection
	O Direct Connection
	Virtual Private Network

VPN Connection –1

Select your Host name and IP address.

Connection		×
VPN		
Host name or IP addr	ess:	
1.1.1.99		
TCP/IP Settings	. Security	Settings
Lunning		
1	and research the	

VPN Connection –2

TCP/IP settings :

Set up your assigned IP address and configuration of your clients.

CP/IP Settings	OK ×
General Name Servers	
My Connection	
Use server-assigned IP address	
🔲 Use Slip	
Use software compression	
Vse IP header compression	

TCP/IP Settings				OK ×
General Name Se	rvers			
Use server-ass	igned a	ddress	ies	
DNS:		4		
Alt DNS:			1	
WINS:				
Alt WINS				

VPN Connection –4

Security Settings :

Security Properties page enable the administrator or user to hide Configure Tab in Terminal Connection Manager and set up system passwords. These properties provide administrator or users more security level choices to access WinClient.

Security Settings	ок 🗙
Advanced Security Settings	
Use Data encryption	
Logon security:	
Use Extensible Authentication Protocol (EAP)	
MD5-Challenge	-
Ptop	erties
Unencrypted password (PAP)	
Ghallenge Handshake Authentication Protocol (OH	AP)
Microsoft CHAP (MS-CHAP)	
Microsoft CHAP Version 2 (MS-CHAP v2)	
Eor MS-CHAP based protocols, automatically use m Windows logon name and password (and domain i	γ famy)

VPN Connection –5

Network Properties

Network Properties page allows you to configure your network. The functions of control buttons are as following:

IP Address

PCI\RTL81	.391' Settings		ок 🗙
IP Address	Name Servers		
An IP addr	ess can be	◉ Obtain an IP ad	ldress via DHCP
computer.	ally assigned to this If your network	O Specify an IP ad	ddress
does not a IP address	utomatically assign es, ask your network	IP <u>A</u> ddress:	1 . 1 . 1 .140
administrat	or for an address,	Sybnet Mask:	255.255.255.0
provided.	ype ic in the space	Default <u>G</u> ateway:	1.1.1.1

Network Properties –1

Obtain an Address from a DHCP server: Using this control button to gather IP address and other settings from a DHCP server automatically.

Specify an IP Address: Using this control button to enter a specific IP address. Fill the network information in the fields, if you don't know the information, ask your network administrators.

Name Servers: Using this control button to configure Name Servers settings. If "**Name Servers**" control button is pressed, Name Servers settings dialog box displays. You can set primary and secondary IP addresses for DNS server and primary and secondary IP addresses for WINS server.

P Address Name Servers				
Name server addresses may be	Primary <u>D</u> NS:	1.	i.	
is enabled on this adapter.	Secondary D <u>N</u> S:		•	
You can specify additional WINS or DNS resolvers in the	Primary <u>W</u> INS:			
space provided.	Secondary WINS:			

Network Properties –2

Click "**OK**" button to save changes and quit the Network Properties page. Click "**Cancel**" button to quit the Network Properties without save changes.

Printers Properties

Printer Properties support the local printer installation and network printer mapping. Choose the local printer port and then press add printer will enable users to choose all kind of printer driver.



Printer Properties

Select the printer port that you wish your printer to use.



Select the printer port

Network Printer Mapping

Select your printer type, then press the next button to make it as your default printer.

WBT Printer Wizard	×
	Select the Printer Model
	Select the manufacturer and model of your printer. If your printer is not listed, check User Defined box to provide your printer model.
500	User Defined Manufacturers: Printers:
	Acta AGFA-AccuSet 1000 Alps AGFA-AccuSet 1000SF v2013.108 AcFA-AccuSet 1000SF v52.3 AcFA-AccuSet 1000SF v52.3
	< gack Next >

Select Printer Model



Create a user name for your printer

	_
< Back Next :	
	inter. d d < Back Next >

Naming Your Printer

If you are unable to locate an printer type from the list provided, use Defined box to make an printer type of your own. Enter the model name and the manufacture of your selected printer, then press the next button.

WBT Printer Wizard			×
	Enter the model & manufacturer Model Name:		
		< Back	Next >

Make an Printer Model -1

The system will provide you an auto message of whether to configure another printer.



Make an Printer Model -2



Print Setup Finish -1





Print Setup Finish -2

You have now successfully configured your own printer.

Keyboard Properties

Keyboard Properties page allows you to set up the configuration of your keyboard.

Keyboard Properties			ок 🗙
Repeat			
Enable character repeat	Ŀ	Z Enable NumLock	on boot
Repeat <u>d</u> elay: Long	Sh <u>o</u> rt 4	A Repeat rate:	<u>E</u> ast
	. 🕨		
Tap here and hold down a k	ey to test: 🛛		

Keyboard Properties

System Properties

System Properties page provide you the general information of the client. Those information includes:

General :

System Properties				
General Memory Device Name Cop	pyrights			
System: Microsoft® Windows® CE .NET Version 4.0 (Build 708) © 1996-2001 Microsoft Corp. All rights reserved. This computer	Computer: Processor Type: x86 Expansion Slots: Memory: 55320 KB RAM			
program is protected by U.S. and international copyright laws.	Registered			

general information

Memory

System Properties	ок 🗙		
General Memory			
Move slider to th the right for mor Storage Memory	e left for more mem e storage room. On	iory to run programs. Move s ly unused RAM can be adjust	lider to red. Program Memory
Allocated 10	1064KB	Allocated	40264KB
In Use 30	I8KB	In Use	7284KB

Device Name

System I	Propertie	es		ок 🗙
General	Memory	Device Name	Copyrights	
De	These other Please Device	e settings are u computers, e type a name (<u>n</u> ame: [W0050 rintion: [WinClie	sed to identify your Window: (without any spaces) and a s 987 ent TC-320NE Series	s CE device to hort description.

Device Name

Copyrights

System Properties			ок 🗙
General Memory Device Name	Copyrights		
Depending upon which componi contain the following third party Portions of this software are bas developed by the National Cente the University of Illinois at Urban licensing agreement with Spygla	ents you are running technologies: ed on NCSA Mosaic, r for Supercomputir -Champaign,Distribu is, Inc.	g, your product may NCSA Mosaic was ng Applications at Ited under a	

Copyrights

Mouse Properties

Mouse Properties page allows you to set up the configuration of your keyboard.



Mouse Properties -1

Mouse Properties							
Double-Click	Speed-Threshold						
Mouse	Speed	Fast					
Mouse	Threshold Small	Large					

88

Mouse Properties -2

Volume and Sounds Properties

Volume and sound properties page allows you the make an adjustment on your client's sound qualities.

Volume & Sounds Properties					
Volume Sou	nds				
	 Enable sounds for: ✓ Events (warnings, beeps and sys ✓ Applications (program specific and ✓ Notifications (alarms, appointment) 	tem events) d all other sounds) nents and reminders)			
: ▼ <u>S</u> oft	Enable clicks and taps for: Key clicks: Cud) Soft			

Volume and sound properties -1

Volume & Sounds Properties 0					
Volume Sounds	Sound				
Windows CE K Asterisk Close Program Critical Stop Critical Stop Critical Stop Empty Recycle Bin Exclamation	(None) Browse Scheme Windows CE Default Save As Delete				

Volume and sound properties -2

Date and Time Properties

.

This section is specially design for different time zone purpose, as one may have such need for the time requirement. It will enable user to set up the time for the local requirement.

Date	Date/Time Properties						ок 🗙
Date	e/Tin	ne					
-	Sep	oter	nbe	r 2(002	X	Current Time
S	М	Т	W	Т	F	S	12:38:41 AM
25	26	27	28	29	30	31	Time Zone
1	2	З	4	5	6	7	(CMT_09:00) Decific Time (US & Capada)
8	9	10	11	12	13	14	
15	16	17	18	19	20	21	Automatically adjust clock for daylight saving
22	23	24	25	26	27	28	
29	30	1	2	З	4	5	Apply

Date and Time Properties

Firmware Properties

Firmware Properties page allows you to upgrade firmware using a FTP server, in which firmware is downloaded to WinClient from your FTP server. You must fill out the FTP server information and Login information in the Firmware Properties page in order to start downloading the firmware image.

Notice: The upgrade process cannot be cancelled once you have started upgrading. WinClient must be restarted for changes to take effect. The created connection items remain no change and Terminal Properties are reset to the factory defaults settings during the upgrade process.

Following are the steps for upgrading the firmware :

- 1. Click "**Upgrade**" button to start firmware downloading. After image download finished, a dialog will popup for you to confirm update.
- 2. Fill in the server name and the server path that you are upgrading to and click the upgrade icon.

3. To confirm upgrade firmware click "**Yes**" button on the dialog box or Click "**No**" button to cancel upgrading.

4. Upgrade process completed.

5. Click "**Reboot**" button to restart the WinClient

Server Name:	J			
Server Paths	Γ			
Login Informa	tion			
User Name:	anomymous.			
Pessword:	ſ			
		100	Upgrade	
Connection Log	5			

Firmware Properties



Security Properties

Security Properties page enable the administrator or user to hide Configure Tab in Terminal Connection Manager and set up system passwords. These properties provide administrator or users more security level choices to access WinClient

eral Local Resources Displ	ay Experience	Control Panel	Firmware	Security Misc]
Connection Manager Security					
Hide Configure Tab					
System Password					
Enable Setup Password					
New:	Retype:				
Enable User Password					
New:	Retype:	[

Security Properties

Hide Configure Tab: Once it was selected, Configure Tab in the Terminal Connection Manager will be hidden. User can not Add/Edit/Delete connections.

System Password: There are two types of password protection supported:

- 1. **Setup Password** is provided as a protection for authorized user to *setup* WinClient Terminal Properties. Once set, a Setup Password input dialog will be prompted while user presses F2 at Terminal Connection Manager program.
- 2. User Password is provided as a protection for authorized user to *use* this WinClient device. Once set, a User Password input dialog will be prompted at the system boot.

WARNING: Please be aware that once either user or setup password is set, and in case you forget password, there is no way to recover it without the original password

except upgrading firmware image from boot ROM, please contact with your local distributor in case you encounter this problem.

Miscellaneous Properties

rix Client Settings	Built-in Ethernet Duple	× Mode	
ich Screen			
ouch Screen Type:	Use Serial Port:		
PenMount DMC9512	NONE	Calibrate	
work Card Interface Settin	gs		
ANEscape/XI-300 PC Card		•	
TCPIP Settings	Card <u>S</u> etup		
Direction 1			

Miscellaneous Properties

ICA Global Setting:

Note: Refer to Citrix ICA client for Windows CE Windows-Based Terminal User Guide to set up ICA Global Settings. Under ICA Global Setting, users can adjust the following functions according to their needs.

HotKeys

Global ICA Client	Settings					OK ×
Hotheys Preference	es Server Loc	ation Fire	wali Settings PNLite	16		
Status Dising	571.6		CTRL-ESC	ChilS	-	
Citos Jession.	Cu12		ALT-ESC	Ctel 7	*	
ESC	Ctal 3	-	ALT-TAB	Ctal 8	-	
CTRL-ALT-DEL	Ctal 4	*	ALT-BACETAB	Cu19		

ICA Globe Setting –1



Preferences

Global ICA Client Setti	ngs			OK ×
Hollveys Preferences Se	rver Location Free	vall Settings PNLite		
Senial Humber: Defailt Waslow Colors:	€ 14 O 256	Client Hans	WTT-000	

ICA Globe Setting –2

Server Location

Global ICA C	lient Settings	OK ×
Hotlays Pret	terences Server Location Frewall	Settings PNLite
A44 Dalata	are HTTP server location	Defadi Lot Server Goup Primary Benaras Georg

ICA Globe Setting –3

Firewall Settings



ICA Globe Setting –4



PNLite

Hotkeys Preferences Server Location Fit	rewall Settings PNLite	
Enable PHLits Server Addisor and port of NFuss server	User coelectials User same Pacoval Damain: Damain: Comparement	

ICA Globe Setting –5

Built-in Ethernet Duplex Mode:

Select the Ethernet duplex mode for built-in fast Ethernet controller. Normally you place this setting at Auto Mode to auto sense the duplex mode of the network.

Terminal Properties	ок 🗙
General Local Resources Display Experience Control Panel Firmware Security Misc	
Citrix Client Settings ICA Global Setting Touch Screen Touch Screen Type: PenMount DMC9512	
Network Card Interface Settings	
TCPIP Settings Card Setup	
Ping Function	

Select the Ethernet duplex mode



Touch Screen:

Select the input port for the PenMount DMC9512 controller compatible touch screen panel.

Terminal Properties OK ×
General Local Resources Display Experience Control Panel Firmware Security Misc
Citrix Client Settings Built-in Ethernet Duplex Mode
Touch Screen Iouch Screen Type: Use Serial Port: PenMount DMC9512 ▼ NONE ▼ Calibrate PenMount DMC9512
▼ TCPIP Settings Card <u>S</u> etup
Ping Function

Tauch Screen -1

Terminal Properties OK 🗙
General Local Resources Display Experience Control Panel Firmware Security Misc Citrix Client Settings Built-in Ethernet Duplex Mode ICA Global Setting Touch Screen Jouch Screen Type: Use Serial Port: PenMount DMC9512
NONE COM1: COM2: Auto Detect
Ping Function

Tauch Screen –2

Network Card Interface Settings.

Citrix Client Settings-	Built-in Ethernet Duplex Mode
ICA Global Setting	100M Full Duplex
Touch Screen	-
Touch Screen Type:	Use Serial Port:
L [Network Card Interface Settin	ngs
WL2431 Compatible Ethern	et Driver
WL2431 Compatible Etherne PROXIM Ethernet Driver	et Driver

Network Card Interface Settings -1

Set your IP Address and the Name Servers

Te Gene Serrer	Buit in Etiernet Duplex Mode
WL2431 Compatible Etherne	I Driver' Settings 00 3
An IP address can be extended all excepted to the computer. IP year network does not automatically anogin IP addresses, asl year network address that an address, and then toge it in the space provided.	Option at IP actives vis CHOP Option at IP actives Plattee Option Option Option

Network Card Interface Settings -2

Citrix Client Settings	Built-in Ethernet Dupley M	- the
ICA Global Setting	100M Pull Duples	
WL2435 Compatible Ethem	et Drawr' Settings	CH X
s in speed of the stapper, no can specify additional W2/6 or OKS methyns in the space provided	Pittary 10755	
5.		

Network Card Interface Settings -3

Click on the Card Setup icon to set up the wireless LAN card, however, if unable to locate the card, the system will provide you with the following message.

Wireless LAN Utility	OK 🗙
Cannot find your wireless L	AN adapter!

Ping Function

The **ping** dialog box executes the ping diagnostic utility. Ping is a diagnostic tool that send echo requests until interrupted by clicking on the **Exit** button. The ping utility sends one echo request per second and calculates round trip times and packet loss statistics, and displays a brief summary on completion.

The ping utility can be used to:

- Determine the status of the network and various foreign hosts.
- Track and isolate hardware and software problems.
- Test, measure, and manage networks.
- Determine the IP address of a host if only the hostname is known.

	×
Ping Information —————	1
Ping Command :	
1.1.1.23	Ping
Ping Status	
Pinging Host [1.1.1.23] Regly from 1 1 1 23: bytes=32 time=2ms_TTL=128	
Reply from 1.1.1.23: bytes=32 time<10ms TTL=128.	
Reply from 1.1.1.23; bytes=32 time=1ms_TTL=128 .	

Ping Function

Slave Smart Card for WinClient

This chapter describes how to use the Smart Card on WinClients which support smart card features. Smart card reader has been built onto Thin Client series and with its convenient function of "Mobile Connections" and advanced security features, users are able to operate Thin Client anywhere by inserting the smart card which is stored with their own connections. Such function is specially designed for users who have to share thin-client with others.

Smart Card Features:

- PIN number is encrypted to the smart card based on the **DES** (Data Encryption Standard).
- The smart card follows ISO-7816-4 standard
- Flexible Mobile connections
- More Security & More Convenient

How to Use the Slave Smart Card on Thin Client

Login with NEW Slave Smart Card

User need to change the password when login Thin Client with the **NEW** smart card. Password can't exceed 8 characters and normally the default password is "**111111111**".

onnection Name Saxus AV0JS01		Type WebSRe RDP	Status
test	Change Pin Number :	Cancel	

Login with NEW smart card

Change to a New Pin Number

Type the new digit number that you wish to change to on the New Pin Number column, then re-type it to verify on the Confirm Pin Number column. They both must be identical or the system will provide you with the following message.

Connection Nan	•	Type WebSite PowerTerm	Status
]test2k €TEST2K	Change Pin Number Default Pin Number : NBootSCard	ок	
	C Pin NO, has not been	n changed! Please try again Cancel	

Backup the original connections to Disk on Chip

The different backup procedures will be processed when you insert the smart card to Thin Client.

Insert the smart card to Thin Client on POWER-ON status.

Please close all running sessions on Thin Client before the smart card was inserted.
 The color of the window of **Connection Manager** will turn gray. Then a message of "backup connections...." will popup. This means Thin Client is making a backup procedures of the original connections to DOC (Disk on Chip) automatically.

Connection Nan	ne		Туре	Status
AXU501			WebSite RDP	
hinet			WebSite ICA	
test			PowerTerm	

Original Connections

annection Name	Type Status
axus	WebSRe
Axus 501	BDP
hinet	WebSRe
ICA01	ICA

Backup Original Connections

3: PIN Number authentication dialog box will popup after the original connections backup procedures are completed. Enter the default PIN Number to login the system.

Connection Name Sexus Av3JS01 Shinet	Ty W RE	rpe eb5ike)P eb5ike	Satus
3 ICA01	Smart Card Pin Number Please enter pin number :	-	
	ОК		

Pin Number Authentication

Notice: The smart card will be locked after three invalid entries. Contact with administrator if the smart card is locked.

ANUSO1		Type WebSRe RDP WebSRe	Status
test	Smart Card Pin N	lumber	
		OK I	
-]

Invalid Pin No. Remind
4: The connections of smart card will be loaded to system after passing the authentication.

-		
Connection Name	Туре	Status
P ICADI	ICA	
TECTO	Website	
- IEDIZK	ICH	

The Connections of Smart Card

5: Users can "Add", "Edit", "Delete" or "Connect" while the Connection Manager appeared.

Insert the smart card to Thin Client on POWER-OFF status.

1: Insert the smart card to Thin Client then power-on the system.

2: After passing the authentication, the connections of smart card will be loaded to system.

3: User can "Add", "Edit", "Delete" & "Connect" while the Connection Manager appeared.

Notice: The smart card will be locked after three invalid entries. Contact with administrator if the smart card is locked.

Add and/or Edit Connections and Save Connections to Smart Card

User can add new connections or edit existing connections then save connections to smart card.

Add/Edit Connections

Users can add the connections & edit the connections in the **Terminal Connection Manger**. Terminal Connections Manager can be invoked at anytime during normal terminal operation by pressing the "Ctrl + Alt + End". Refer to the **Chapter Terminal Connections Management** for details.

Save Connections to smart card

Save connections to smart card can be accomplished through following steps.

- 1: Add and /or edit connections in Connection Manager,
- 2: Press "smart card" tab in the menu to enter Smart Card Properties.



Terminal Smart Card Properties

There are three sections "Smart Card Pin Number", "Connections Information" and "Erase Smart Card Contents" in the smart card properties dialog box. .

Smart Card PIN	Number	2258 	
New : ****	mallim i	Regipe :	Modify
Connections	Connection Type		
ICA01 TEST2K kimo	ICA ICA WebSite		
Total Size :			Save
	Erase	e Smart Card Conter	nts Erase All

4. In the connections information section select the connections which you want to save to smart card.

Smart Card PIN	Number	Retype :)
-Connections Info	mation :		Modify
Connections	Connection Type		
ICA01 TEST2K kimo	ICA ICA WebSite		
Total Size : 4	028		Save
di seconda de la constante de	Eras	e Smart Card Contents	Erase All

Select Connections

Notice: The "**Total size**" indicates the total size of the selected connections. Total size can not exceed 7KB.



Smart Card		
Smart Card PIN Number	Betwee :	
	redhe t	Modify
Connections Infomation		
Connections Con TMSCard	ок 🗵	
ICA01 ICA TEST2K ICA kimo Wet	Connections Saved I	
Total Size : 4028		Save
	Erase Smart Card Conte	ts Erase All

Press "Save" button to save the selected connections to smart card.

Save Connections to Smart Card

If The total size, for example as follow "8226", has exceeded 7KB the warning message will show on the screen, unselect the connections and keep the total size within 7KB then save again.

[Smart Card P	1N Number —			ı l
New :		Retype :		
			Modify	
Corpertions 1	information			
TMSCard			OK 😣	
🔀 Con	nections can't be save	dl. Your connections size (has exceeded 7KB.	
test. kimo	Powerterm WebSite		-	
testi kimo Total Size :	PowerTerm WebSite		Save	5
testi kimo Totał Size :	PowerTerm WebSite : 6210 E	rase Smart Card Conter	Save Erase All	

Exceed 7KB Storage Size Warning

5. After completed the save procedure, you can pull the smart card out of Thin Client. At this moment, the system will automatic restore to the original connections.

Smart Card			
Smart Card PIN Numbe	x		
New :	Retype :	Ferrore and a second se	
		Modify	
Come		×	- 2
ICAL Restore Cor	nnections		-11
TES	OK		
hine			
		1	-11
Total Size :		Save	
	Erase Smart Card Co	ontents Erase All	
	3724		_

Restore Original Connections to DOC

Notice: The storage size of Smart card is limited to 7KB. So only 5~7 connections is allowed on it, but it will also be depended on what kind of connections you wanted to create. The size of connections are listed as following:

ICA connection:	1,5KB
RDP connection:	0.8KB
Power Term Connection:	1.8KB
Internet browser :	0.4KB

Change Smart card Pin Number

Smart Card Pin Number can be changed through following steps.

1. Into the Smart Card Pin Number section, enter the "New Pin Number" & Retype "New Pin Number".

2. Press the "**Modify**" button

3. Wait for Modify completed messages appear.

martCard			
T Smart Card PIN	Aunder		
None : .		Retype : .	Modify
Convections Infl	mation :		
Connectional IC401 TEST2K Kimp	Connection Type ICA ICA WebGite		
Total Size (544
		a	Caro
rt Canil Propertie			Cano
nt Card Propertie	i.		Cano
nt Cantl Propertie mart Cant _ Smart Cand PtN	i		Cano
nt Card Propertie mart Card rSmart Card PtN New :	i	Detgoe :	Modify
nt Canil Property mart Card PDN Smart Card PDN Name 1	Aunter	Co Retge : [Modify
Connections Inf Connections Inf Connections Inf Connections Inf Connections Inf Connections JCA01 TES T2X Rimo	enation Corre ICA ICA Vide Vide Per Na	Retype :	Modify
Connections Inf Connections In	Number Inston Com ICA ICA ICA VALO Fer N	Retype : (Modify

Change Password



Erase Smart card contents

Smart Card Contents can be erase by press "**Erase All**" button in the erase smart card section. All the contents of smart card will be deleted.

Smart Card PIN Number			
New :	Retype	: [
			Modify
Connections Infomation	IMSC and		
Connections Connections			
TEST2K ICA kimo Web	Erase complete	d 111	
Total Size : 4028			Save
	Erase Smart (Card Contents	Erase All

Erase Smart Card Contents