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WinConnect S User Manual

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WinConnect S[®] User Manual

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Introduction to WinConnect S

Product Description

WinConnect S is a software solution that enables Solaris-based terminals to connect to Windows[®] 2000 and Windows[®] NT 4.0 Terminal Servers or Windows XP via Remote Display Protocol (RDP).

The connection can be over a local area network (LAN) or over the Internet. A broadband Internet connection over digital subscriber line (DSL, ADSL) or Integrated Services Digital Network (ISDN) connection improves performance, but it is not necessary because Remote Desktop transfers only the minimal data (such as display data and keyboard data) to remotely control your Host computer. Therefore, even low–bandwidth Internet connections or a wired or wireless TCP/IP connection, local area network (LAN), wide area network (WAN), dial-up (Internet), virtual private network (VPN) connection allow you to remotely connect to your office computer.

Users on the Solaris-based systems may run the same or different applications simultaneously and independently to create and edit documents, and to share peripherals, for example, CD-ROM, printers and other hardware installed on the Host computer. All users can also surf the Internet and access emails at the same time and even share network access with unique customized desktop and login.

Manufacturer's Notice

The WinConnect S allows multiple users to simultaneously and independently share the same hardware and software installed on the Host computer. Some software is licensed for use on a single computer while other software may be licensed for single or multiple users. It is the responsibility of the WinConnect S purchaser/user to read and comply with the licensing agreements of any software that may be used on the RDP devices.

Terminology

The Host is the Windows® Terminal Server. The Client is the Solaris-based computer.

1. WinConnect S Remote Desktop Client Setup

1.1 Required Libraries for WinConnect S

WinConnect S is dependent on a number of libraries that are not distributed with the Solaris operating system. If they have not been installed already to support other third party packages, you will need to install them.

A. Solaris 8/ 10

These libraries are:

- libglib
- libgdk
- libgtk
- libesd
- libgmodule
- libadbm
- libstdc + +.so.2.10.0

You can obtain these from <u>www.sunfreeware.com</u> or download them from our website at <u>www.thinsoftinc.com/winconlibs.tar.gz</u>.

winconlibs.tar.gz will place the libraries in /opt/winconnect/lib. You can move these libraries to a directory in your library path, or you can alter LD_LIBRARY_PATH to include /opt/winconnect/lib. For a permanent change, you can edit our user profile to include the lines: LD_LIBRARY_PATH=\$LD_LIBRARY_PATH:/opt/winconnect/lib export LD_LIBRARY_PATH

B. <u>Solaris 9</u>

These libraries are:

• libstdc++

You can obtain these from <u>ftp://ftp.sunfreeware.com/pub/freeware/sparc/9/libgcc-3.3-sol9-sparc-local.gz</u>

1.2. Installing the WinConnect S Remote Desktop Client Software for Solaris System

Installation is simple. By following these steps, a WinConnect S system should take less than 15 minutes to set up. Each step is explained in detail in the following pages.

We recommend that WinConnect S be installed while logged in as system administrator.

To install WinConnect S, copy the WinConnect S package file to your Solaris system and run:

gunzip winconnect-2.6-sparc-pkg.gz pkgadd -d winconnect-2.6-sparc-pkg

This will install to the directory /opt/winconnect.

1.3 Running the WinConnect S Remote Desktop Client Software on Solaris System

You can run WinConnect S from a terminal session/window by running the command:

winconnect

1.4. Connecting to a Windows Terminal Server

When the WinConnect S user interface is invoked, the browser results are displayed in the "Available *Terminal Servers*" section of the WinConnect S screen. All Windows Terminal Servers located on the same subnet as the WinConnect S computer should be displayed, listed by both their NetBios name as well as their IP address.

Highlighting the desired server will un-gray the lower right-hand "*Connect*" button and clicking this button will establish the connection to the server. You will connect to the server using the default connection parameters. Please see section 1.4 "Customizing a Terminal Connection" for instructions for editing default parameters.

File	License	Help						
Stor	ed Profiles							
(5	1	5		X		
Cr	• nnect	New	- C	onfigur		Delete		
				oningan	-	001010		
Co	nnection S	6E7500	- User	1			 	~
Co	nnection S	SE7500	- User	1			 	~
Co Ava	innection s	E7500 inal Sei	- User	1				-
Co Ava	nnection s ilable Term NetBIO:	6E7500 inal Sei S	- User vers	1	[DNS		
Co Ava	nnection S ilable Term NetBIO: VIN2000	SE7500 inal Ser S	- User vers 203.1	1	.38	DNS		
Co Ava	ilable Term NetBIO: VIN2000 VINXPPRO	SE7500 inal Sei	- User vers 203.1 203.1	1 27.218 27.202	.38 118	DNS		
Co Ava V V V	ilable Term NetBIO: NIN2000 NINXPPRO NIN2003	SE7500	- User vers 203.1 203.1	1 127.218 27.202 8.18.4	.38 118	DNS		
Co Ava V V V	Innection S ilable Term NetBIO: WIN2000 WIN2000 WIN2003	SE7500 inal Sei	- User vers 203.1 203.1 10.88	1 27.218 27.202 3.18.4	.38 118	DNS		
Co Ava V V V	Innection S ilable Term NetBIO: WIN2000 WIN2000 WIN2003	SE7500 Inal Sei	- User vers 203.1 203.1 10.88	1 127.218 27.202 3.18.4	.38 118	DNS	Conne	

1.5. Customizing a Terminal Connection

The "*Stored Profiles*" section of the WinConnect S screen contains four icon buttons: *Connect*, *New*, *Configure* and *Delete*. Once a Connection profile has been created, its name will appear in the Connection listing window. Clicking the *Connect* icon will establish the connection using the properties of this connection profile. If more than one connection profile exists, clicking the drop-down arrow will display all the profiles.

In addition to creating and managing your own connection profiles, you can also edit the default settings. To do so, select *(New Connection Settings)* and click on the *Configure* icon. Follow the instructions below for editing the profile. The settings you select will be the initial settings for any new profiles that you create. In addition, these will be the session settings when you connect to a server from the *Available Terminal Servers* list.

To create a new connection profile, click New.

tored Profiles			
		No.	
Connection SE75	00 - User1	Delete	•
harmonie		*****	
Vailable Terminal (Servers		
Vailable Terminal S	Servers	DNS	
Available Terminal S	Servers	DNS	
Available Terminal S NetBIOS WIN2000 WINXPPRO	Servers 203.127.218.38 203.127.202.118	ONS	
Available Terminal S NetBIOS WIN2000 WINXPPRO WIN2003	Servers 203.127.218.38 203.127.202.118 10.88.18.4	DNS	

On the **General** tab, there are required entry fields for naming the connection profile and the address of the server desired. There are also optional fields for a User ID and automatic login to the server. It is also possible to click the box to make a profile the default profile. The profile that is made the default will always be the one to show in the Connections listing window when WinConnect S is first invoked. Also, if WinConnect S is run from a terminal session/window with the "-C" switch (*winconnect -c*), a connection will be established to the server using the default connection profile without invoking the WinConnect S user interface. Finally, there is a drop-down menu of different keyboard language options. Clicking *Save* will preserve any changes.

General	Display	Printer	Drives	Serial	Advanced	Snd/Kbd
Genera	al Configu	ration				
Conne	ection Nar	ne SE7	500 - Us	er1		
Serve	r Address	10.8	3.27.5		E	Browse
🛃 Ma	ake this th	e defaul	t connec	tion		
	Configurat	tion				
User II	configurai itomatic Lo D	iion ogon User1				
User II User F	configurat itomatic Lo D Password	uon ogon User1 ***				
User II User II User D	Configurat Itomatic Lo D Password Domain	ogon User1 *** se750	00			
User II User II User E User D Defaul	Configural Itomatic Lo 2 Password Domain It Commar	User1	00			

On the **Display** Options tab, there are radio buttons for setting desired screen areas and full screen option.

♥ Conn	ection S	ettings		///////////////////////////////////////		////// _ X
General	Display	Printer	Drives	Serial	Advanced	Snd/Kbd
Resolu	tion Settir	ngs				
0 64	0×480			Us	er Defined R	esolution
0 80	0 × 600			[
0 10	24 x 768			WIC	ith 640	~
0 12	80 x 1024	Ļ		Hei	ght 480	~
0 16	00 × 1200)				
🔘 Fu	ll sceen r	esolutior	ı			
Color I	Depth it (16M ci	olors, for	XP Pro	or Serv	er 2003)	~
	Save					Cancel

In *full screen* mode the Windows desktop will occupy the entire Solaris screen. All hotkeys are passed on to Windows. In this mode, your WinConnect S session will most closely resemble an actual Windows computer. In addition, WinConnect S is optimized for full screen mode, so you will see the best performance. When running in full screen mode, you cannot switch between WinConnect S and other Solaris applications. This could be an advantage if you are a network administrator who wish to restrict the user to running WinConnect S only.

The enhanced Color Depth option of WinConnect S requires a connection to a Windows Server 2003. This includes the 'Remote Desktop' feature built into Windows XP Professional.

To enable 24-bit color under Windows XP Professional, you must also add a Registry entry on the XP computer. Run RegEdit and browse to:

HKEY_LOCAL_MACHINE System CurrentControlSet Control Terminal Server WinStations RDP-Tcp

and add a DWORD value:

ColorDepth = 4

To make a Windows XP Professional system visible to the WinConnect S browser, run RegEdit and browse to:

HKEY_LOCAL_MACHINE System CurrentControlSet Control Terminal Server

and add or edit a DWORD entry:

TSAdvertise = 1

The easiest way to set these options is to download the registry file posted on our web site at <u>http://www.thinsoftinc.com/EnableRem-Adv-Col.reg</u>. Select "Open". When you are asked "Are you sure you want to add the information in *[filename]* to the registry?", answer "Yes". This will automatically update the registry with the required values, so you not need to run RegEdit.

On the **Advanced** Options tabs, there are check boxes for disabling mouse motion and drag events, which help to improve performance. The options are:

- **Disable Window Manager Decorations (borders, etc)** To set the override redirect window property to turn off the window manager frame. The window will be displayed in the extreme top left of the screen, rather than being positioned by the window manager. This option is designed to allow a full screen mode.
- **Disable Mouse Motion Events** To stop WinConnect S from sending mouse motion events to the remote computer, except when a mouse button is pressed. Disable the option conserves bandwidth, but may cause some Windows applications to behave in unexpected ways.
- **Disable Mouse Drag Events** To stop WinConnect S from sending drag events to the remote computer. Windows applications will see the drag start and end, but they will not see any intermediate mouse movements. Disable the option conserves bandwidth, but may cause unexpected effects.
- **Enable Data Compression** Selecting this option allows data sent between WinConnect S and the remote computer to be compressed. It helps to conserve bandwidth at the cost of some processing time.
- **Connect to Server Console Session** Selecting this option allows WinConnect S to connect and take over the server console session instead of creating a new RDP session. This function will only work with Windows Server 2003. Default is "Disabled".
- **Enable Zoom** The zoom feature is intended for use on devices with small displays such as handheld; however, it will only work on desktops in a window. Using the resolution options, you can instruct WinConnect S what size the Windows desktop should be. In the zoom mode, the height and width of the WinConnect S window will be one half that size. Use the Zoom key to zoom the display in and out.

✓ Conn	ection S	ettings				///// _ ×
General	Display	Printer	Drives	Serial	Advanced	Snd/Kbd
Advan	ced Optic	ins				
Dis	able Win	dow Mai	nager de	coratio	ns (borders,	etc)
🗌 Dis	able Mou	ise Moti	on Even	ts		
🗌 Dis	able Mou	ise Drag	Events			
🗌 En	able data	compre	ssion			
Co	nnect to s	server co	onsole s	ession		
🗌 En	able zoon	n. Zoom	key is [F12		
Select	RDP ver	sion Au	utomatic			~
Select	RDP port	3389				Default
Specif	y client n	ame 🗌				
	Save					Cancel

On the **Drives** tab are entry fields for enabling the local drives in the Linux machine to be able to access from the Remote Desktop session. Check the "Export path" box and supply the Linux path to the file system location that you wish to map. The software supports up to four mappings. Currently removable media such as floppy or CD drives are not supported.

¥ (Conn	ection S	ettings		///////////////////////////////////////		-	×
Gen	ieral	Display	Printer	Drives	Serial	Advanced	Snd/Kbd	
	ocal I	Drives Se	tup					
	🖌 E×	port path	\$HON	/IE			as C	
[_ E×	port path					as D	
[_ A.	utomount	/mnt/f	Іорру			as A	
[_ A.	utomount	/mnt/c	drom			as F	
		List the Window (RDP 5.1	local pa s system 1) or bet	ths to be . Requir ter conn	made a es a Wi ection.	available to t ndows XP	he	
	3	Save					Cancel]

On the **Printing** tab are entry fields for enabling a printer connected to the Solaris machine to be able to print from the Remote Desktop session. The local printer must first be installed and configured to print normally from the Solaris computer prior to configuring WinConnect S for local printing. For printer setup, refer to the section "Configuring a Printer".

General	Display	Printer	Drives	Serial	Advanced	Snd/Kbd
Local I	Printer Se	tup				
The lo	cal printe	r named				
POS						v
L						
is cont	figured as	Windov	/s printer	r name:		
	ank lat G	enc				
HP C	DeskJet 6	60C				~
HP C	oeskJet 6 rints local	60C ly using	the print	comma	nd:	*
and pr	oeskJet 6 rints local	60C Iy using	the print	comma	nd:	~
And pr	oeskJet 6 rints local -P	60C Iy using	the print	comma	nd:	✓
And pr	ints local	60C ly using	the print	comma	nd:	¥
and pr	DeskJet 6 rints local -P List 1 a	60C ly using the local vailable	the print printer of to the W	comma levices lindows	nd: to be made system.	~
and pr	DeskJet 6 rints local -P List 1 ə	60C ly using the local vailable	the print printer o to the W	comma levices lindows	nd: to be made system.	~
And pr	DeskJet 6 ints local -P List 1 a	60C ly using the local vailable	the print printer o to the W	comma levices lindows	nd: to be made system.	~

On the **Serial** tab are entry fields for enabling a serial printer or modem connected to the Solaris machine to be able to print or communicate from the Remote Desktop session. Enable the serial port where the device is attached in the Connection Settings. For more detail on the serial device setup, refer to the sections "Configuring a Serial Printer" and "Configuring a Serial Port Modem".

♥ Conn	ection S	ettings	////////	///////////////////////////////////////		////// _ X
General	Display	Printer	Drives	Serial	Advanced	Snd/Kbd
Serial	Port Forw	arding				
🛃 Er	nable seri:	al 0 //	iev/ttyS()		
💽 Er	nable seri:	al 1 /0	lev/ttyS1	1		
🗌 Er	nable seri:	al 2 /0	iev/ttySi	2		
🗌 🗆 Er	nable seri:	al 3 🛛 / d	lev/ttyS	3		
	List the availabl Window	local sei e to the s 2000 (rial port Window RDP 5.0	devices s syster) or bet	to be made n. Requires a ter connectio	a on.
	Save					Cancel

On the **Sound/ Keys** tab are entry fields for setting desired audio quality and keyboard mapping. The options are:

- *Enable sound* To enable the sound feature.
- Use safe sound instead of enhanced sound On some systems, sound enhancement techniques used by WinConnect S may result in distorted sound. Selecting this option may correct the problem. The default is not to use this option and leave the box unchecked.
- Send PC scan codes directly Under most circumstances this option should not be selected under Solaris.

• Override local windows manager keyboard shortcuts - When WinConnect S is running in windowed mode, hotkeys are used by the local Solaris computer. Select this option if you wish to pass on the hotkeys to Windows when WinConnect S is the focus application. The default is not to use this option and leave the box unchecked. Note that when WinConnect S is running in full screen mode, this option is automatically selected.

The sound feature of WinConnect S requires a connection to a Windows Server 2003. This includes the 'Remote Desktop' capabilities built into Windows XP Professional.

Y Conn	ection S	ettings		////////		////// _ X
General	Display	Printer	Drives	Serial	Advanced	Snd/Kbd
Sound						
En 🗸 En	able sour	nd				
Us	e safe soi	und inste	ad of er	ihanced	l sound	
Keybo	ard					
🗆 Se	nd PC ke	yboard s	can coc	les dire	stly	
00	erride loc	al windo	w mana	ger key	board shortc	uts
Keybo	oard map	english-	us			¥
	Save					Cancel

Menu Options

Additional options are available from the menu bar at the top of the WinConnect S user interface.



The File menu has several features.



New Connection is used to create new Connection profile.

Connect establishes the connection to the Terminal Server using the properties of the Connection profile.

Delete removes the existing Connection profile.

Configure Connection allows users to configure the properties of the Connection profile that has been created.

The License menu is used to register the WinConnect S software.



To license WinConnect S using the ThinSoft License Server software, select "License" from the WinConnect S menu and then select "*License Server*". For more information on ThinSoft License Server, kindly refer to the ThinSoft License Server User Manual.

The **Help** menu provides the WinConnect S version information.

<u>H</u> elp	
<u>A</u> bou	t WinConnect

1.6. Configuring Connection Profiles for Multiple Users

Profiles are stored in the winconnectdb file. By default, this file is stored in the user home directory. As a result, the profiles are private and can be customized on a per-user basis. You can also configure your system to use global profiles. The "-p" parameter can be used to specify the location of the winconnectdb file. If you path to a location that all users can access, they will use the same profile database. An example would be:

```
winconnect -p="/opt/winconnect"
```

Quotation marks are required and there should be no spaces surrounding the "=".

2. Configuring a Printer

2.1. Setting Up a Printer in Windows Terminal Server

After connecting to the Windows Terminal Server, you will have a new printer available to Windows applications. Under Windows XP, this printer will be called something like Ip (from XXX) where XXX is the Solaris station name. Under Windows 2000 server, it will be called Ip/XXX/ Session 2 where XXX is the Solaris station name. Printing to this printer from the Windows applications will send print data to your local Solaris printer. You may be asked to install printer drivers on the Windows Terminal Server if your Solaris printer model is not already available on the server.

To install the printer drivers on the Windows Terminal Server

Step 1.

Connect to a Windows Terminal Server.

Step 2.

On the Windows desktop, select Main Menu Start Button (on the Panel) => Settings => Printers

and Faxes. Right-click on the "*lp* (*from XXX*)" printer icon where XXX is the Solaris station name and select "*Properties*".

Step 3.

General Sharing Ports Advanced @ Ajways available Availagile from 12:00 AM To 12:00 AM @ Availagile from 12:00 AM To 12:00 AM Priority: 1 Image: Comparison of the comp	Color Managem	ent 🚽 🚽	Device Settings	Services
Always available Available from 12:00 AM To To 12:00 AM To To 12:00 AM To To 12:00 AM To To 12:00 AM To	General	Sharing	Ports	Advanced
Available from I2:00 AM To I2:00 AM To I2:0	Always available			
Priority: 1 Priority: 1 Prior	Available from	12:00/	AM C To I	2:00 AM
Priority: 1 Priority: 1 Priority: 1 Priority: 1 Priority: 1 Priver: New Driver. Spool print documents so program finishes printing faster Start printing alter last page is spooled Start printing immediately Print glicetly to the printer Hold mismatched documents Print glicetly to the printer Hold mismatched documents Printing Defaults Print Processor Separator Page Printing Defaults Print Processor Printing Defaults Print Processor Printing Defaults Print Processor Printing Defaults Printing				
Driver: HP Desider S70Cxi New Driver.	Priority: 1			
Spool print documents so program finishes printing faster Start printing alter last page is spooled Start printing immediately Print girectly to the printer Hold mismatched documents Print spooled documents first Keep printed documents Printing Defaults Print Processor Separator Page	Driver: HP Deski	let 970Cvi	~	New Driver
Spool print documents so program finishes printing faster Start printing after last page is spooled Start printing immediately Print glirectly to the printer Hold mismatched documents Print spooled documents first Keep printed documents Print glirectly and printing fastures Printing Defaults Prigt Processor Separator Page				
Start printing after last page is spooled Start printing immediately Print glirectly to the printer Hold mismatched documents Print spooled documents first Keep printed documents Enable advanced printing features Printing Defaults Prigt Processor Separator Page	Spool print docu	ments so prog	gram finishes printing fas	ter
Start printing immediately Print girectly to the printer Hold mismatched documents Verint spooled documents first Keep printed documents Verinable advanced printing features Printing Defaults Prigt Processor Separator Page	O Charl ariating	after last a set		
Start pinnedualey Print girectly to the printer Hold mismatched documents Print spooled documents first Keep printed documents Enable advanced printing features Printing Defaults Prigt Processor Separator Page	V Start Diritiriu	alter last bau	e is spooled	
Print girectly to the printer Hold mismatched documents Prjint spocled documents first Keep printed documents Keep printed documents Venable advanced printing teatures Printing Defaults Prigt Processor Separator Page	Start printing	immediatelu	e is spooled	
Hold mismatched documents Print spooled documents first Keep printed documents Finable advanced printing features Printing Defaults Print Processor Separator Page	 Start printing Start printing 	immediately	e is spooled	
Inde manage the documents If you manage the documents If you have a second priority If you have a second priority for the documents If you have a second priority for the documents If you have a second priority for the documents If you have a second priority for the documents If you have a second priority for the documents If you have a second priority for the documents	 Start printing Start printing Print girectly to t 	immediately he printer	e is spooled	
Y Print spooled documents tist Keep printed documents Ventures Printing Defaults Prigt Processor Separator Page	Start printing Start printing Print directly to t Hold mismatche	immediately he printer	e is spooled	
Keep printed documents ✓ Enable advanced printing features Printing Defaults Prigt Processor Separator Page	Start printing Start printing Print directly to t Hold mismatche	immediately he printer d documents	e is spooled	
Enable advanced printing features Printing Defaults Prigt Processor Separalgr Page	 Start printing Start printing Print girectly to t Hold mismatche Print spooled do 	immediately he printer d documents cuments first	e is spooled	
Printing Defaults Prigt Processor Separator Page	 Start printing Start printing Print girectly to t Hold mismatche Print spooled do Keep printed do 	immediately he printer d documents cuments first cuments	e is spooled	
Printing Defaults Print Processor Separator Page	Start printing Start printing Print girectly to t Hold mismatche Pgint spooled do Keep printed do Enable advance	immediately he printer d documents cuments first cuments ed printing feal	e is spooled	
	Start printing Start printing Print girectly to t Hold mismatche Print spooled do Keep printed do Enable advance	immediately he printer d documents cuments first cuments ed printing feal	tures	
OK Canada Ana	Start printing Start printing Print girectly to t Hold mismatche Print spooled do Keep printed do Enable advance Printing Defaults	immediately he printer d documents cuments first cuments ed printing feal	tures	sparator Page
UN Lancel ADD	Start printing Start printing Print girectly to t Hold mismatche Pgint spooled do Keep printed do Enable advance Printing Defaults	immediately he printer d documents cuments first cuments ad printing feat	tures	sparalgi Page

Under Advanced tab, Windows will try to detect what printer is attached to the printer device as shown below. Select the appropriate printer driver from the list and click on the "OK" button to save the settings.

If you are not able to locate the Windows printer drivers from the list, click on the "*New Driver*..." button to start the Add Printer Driver Wizard. Click "*Next*" to proceed.



Step 4.

Select the manufacturer and model of your printer. Then click on "Next" button.



Step 5.

You have now successfully installing the printer drivers. Click on "Finish" to quit from the Add Printer Driver Wizard.



Step 6.

Set the printer as the default printer and print a test page to ensure the configuration is correct.

nced Device Settings	
Paper available:	
Letter	~
	×
Preferences)	est Page
	Paper available: Letter

2.2. Setting Up a Printer in WinConnect S Remote Desktop Client

Step 1.

On the Solaris desktop, select Main Menu Button (on the Panel) => Programs => Applications => WinConnect.

You can also run WinConnect S from a terminal session/window by running the command:

winconnect

Step 2.

Once a Connection profile has been created (refer to "Connecting to a Windows Terminal Server), click on "*Configure*" icon.

tored Profiles		
Connect Ne	w Configure Delete	
Connection SE75	00 - User1	~
vailable Terminal (Servers	
vailable Terminal (Servers DNS	
vailable Terminal : NetBIOS WIN2000	Servers DNS 203.127.218.38	
vailable Terminal 3 NetBIOS WIN2000 WINXPPRO	Servers DNS 203.127.218.38 203.127.202.118	
vailable Terminal 3 NetBIOS WIN2000 WINXPPRO WIN2003	DNS 203.127.218.38 203.127.202.118 10.88.18.4	

Step 3.

All existing Solaris print queues can be seen by clicking the drop-down arrow. After selecting the desired print queue, associate it with a Windows printer driver.

For example, if you had a HP DeskJet 656C printer connected to your Solaris system as "*lp*", click on the drop-down arrow of the Windows driver and select the HP DeskJet 656C.

Click "Save" to quit from the connection settings.

-			Conne	ection S	Settin	gs		
Ge	neral	Display	Printer	Drives	Serial	Advanced	Snd/Kbd	
-L	Local Printer Setup The local printer named:							1
	hp-656c							
i	is configured as Windows printer name:							
	HP DeskJet 656C							
:	and prints locally using the print command:							
	Ipr – I – P							
List the local printer devices to be made available to the Windows system.								
	Ø	Save					Cancel	

If you are not able to locate the Windows printer drivers in the WinConnect S user interface, and it is installed on the Windows Terminal Server, you can enter it manually in the WinConnect S user interface.

As the printer driver must be specified exactly including spaces and punctuation, the easiest way to do this is to make use of the WinConnect S cut-and-paste functionality. Logon to your Windows server with WinConnect S in windowed (not full screen) mode. If your server is Windows 2000, select *Settings->Printers* from the Start menu. If the server is Windows XP, select *Printers and Faxes* from the Start menu. Right click on the appropriate printer driver. Highlight the printer name on the General tab, right click and select copy.

On the Solaris system, open another copy of the WinConnect S Connection Manager. Select the profile that you wish to edit and select Configure. Place the cursor in the "Windows printer name" field and press CTRL-V to paste. The correct printer name will be pasted into the printer configuration.

Alternately you can add it to the drop down list in WinConnect S user interface by editing the file:

/usr/local/share/winconnect/tsprinters

3. Automating a Terminal Connection

You can run WinConnect S from your Solaris startup scripts. If the terminal is to be used by multiple users, you can customize each user's connection individually.

The script that automatically runs on login can be found in:

/home/user name/.bashrc

As each user runs a different script, these scripts can be customized on a per-user basis.

If WinConnect S is placed in the .bashrc script with no parameters, it will run automatically and display the standard user interface. There are several command line parameters supported by WinConnect S that can be used to customize the connection on a per-user basis. These are:

-c : If there is a default connection profile defined, WinConnect S will automatically connect to the server using that profile. If there is no default profile, WinConnect S will seek out a Windows Terminal Server on the network. If one is found, it will automatically connect to it.

Example: *winconnect -c*

Connection name : If you specify a connection profile name, WinConnect S will automatically connect using that profile.

Example: *winconnect accounting*

-n: This parameter can be used to specify the local machine name. Local machine name is used by the Windows terminal server to keep track of your terminal session. Your session will be identified in the server administration tools by that name. In addition, Terminal Server Client Access Licenses are managed based on the local machine name. This option should be used with caution as the use of multiple machine names will result in having multiple Terminal Server Client Access Licenses assigned to your computer

Using the connection name parameter, you can edit each user's .bashrc file to automatically connect them to a Windows Terminal Server using a different connection profile.

Upon termination of the Remote Desktop session, the user will return to the Solaris desktop. If you wish the user to return to the Solaris login, you should add the command "*logout*" to the .bashrc file following the winconnect command.

As an example, if you wanted user Rosa to automatically connect to the accounting server on logging in, you would edit the file

/home/Rosa/.bashrc

You would add the lines

winconnect "accounting-profile" logout

to the end of the file. You would then use the WinConnect S user interface to create a connection profile named *"accounting-profile"* (without the quotes).

If your profile name consists entirely of alpha-numeric characters (no hyphens, for example) the quotes aren't required.

4. Uninstalling WinConnect S Remote Desktop Client Software

WinConnect can be uninstalled by running

pkgrm winconnect

5. WinConnect S License Service Activation

Step 1.

Run the WinConnect S user interface on the machine to be licensed.

Step 2.

Select License from the WinConnect S menu and then select "License Server".

Step 3.

Check the box "Use License Server for licensing".

WinConnect License S	Server Activation		- 🗆 X			
Licensing procedure						
This procedure is for licensing WinConnect using the ThinSoft License Server software available from http://www.thinsoftinc.com.						
The ThinSoft License Server software runs on a Windows computer on the network and dispenses WinConnect licenses to WinConnect clients.						
To use the ThinSoft License Server:						
1. Check the "Use License server" button.						
2. Enter the IP address of the computer running the ThinSoft License Server software. You can leave						
✓ Use License Server for	licensing					
Server IP address:	10.0.88.146					
Server port	Automatic					
ОК		Cancel				

Step 4.

Enter the IP address of the computer running the ThinSoft License Server software. Alternatively, you can leave the server IP setting to "*Automatic*", WinConnect S will try to locate the License Server on the network.

Step 5.

Enter the Listening port number used by the License Server. Alternatively, you leave this setting to "*Automatic*", and the default port number 29309 will be used.

With this option enabled, when WinConnect S is launched, it will contact the ThinSoft License Server to request a valid license token for proper operation. If it is not issued a valid license token, it will display an error message and terminate.

For more information on ThinSoft License Server, kindly refer to the License Server User Manual.

6. Technical Support

Technical support offered by ThinSoft Pte Ltd.

WinConnect S products must be registered with ThinSoft before technical support may be offered. Registration may be completed by registering online at our World Wide Web site. Free support via fax and email is offered for sixty (60) days from the date of registration. Our technical staff is available to answer questions, troubleshoot problems and to assist in the installation of WinConnect S products. Before requesting technical support, please be prepared to provide information including the date and place of purchase and product serial number (______).

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Fax: (65) 6289-7308

email: support@thinsoftinc.com

Support hours are 9:00 to 5:00 local time.