



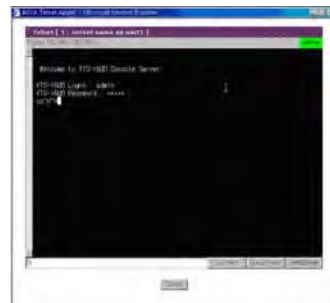
- 2) Enter the **admin:admin** as a User ID and a password, and then click the [Login] button.
- 3) The VTS configuration page will be shown with left-hand menu bar and the workspace on the right.



- 4) Select the menu, [Network--IP Configuration] to perform the IP Configuration. After completing the configuration, click [Save To Flash] button on the workspace, and then [Apply changes] menu to reflect the updated setting to the system. Refer to 3.1. *IP Configuration* in the Users' Guide for detailed information.
- 5) Select the menu, [Serial port--Configuration], and then click the port number 1 in the [Individual port configuration] to check the parameters of port 1. After checking the configuration, click [Save To Flash] button on the workspace, and then [Apply changes] menu to reflect the updated setting to the system. Refer to 4.1. *Individual Port Configuration* in the Users' Guide for details.

Serial port configuration						
Port access menu configuration						
Port access menu configuration						
All port configuration						
Port#	Title	Mode	Base address	Port	Proto	Serial settings
All	Port Title	CS	192.168.1.101	7001	Telnet	9600-N-8-1-No
Individual port configuration						
Port#	Title	Mode	Dest/Assigned IP	Port	Proto	Serial settings
Port Title #1		CS	192.168.1.101	7001	Telnet	9600-N-8-1-No
Port Title #2		CS	192.168.1.102	7002	Telnet	9600-N-8-1-No

- 6) Select the menu, [Serial port--Connection], and then click the port number 1 in the [Individual port connection] to access the serial port 1. The Java Telnet Applet is displayed in pop-up window, and the users are requested to enter the user ID and the password to access the port.
- 7) Enter the factory default user name and the password of **admin:admin**.
- 8) Users may see whatever he types in Java Telnet Applet window, since there is a serial loop-back connector on the port 1.



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VTS Series
 Console Management Servers

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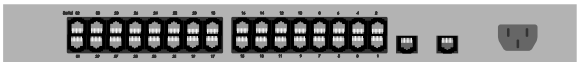
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Quick Start Guide

1. Connection



- Hook up the power to the VTS.
- Hook up the Console/Ethernet cable to the Ethernet connector on the back panel of the VTS with your hub or switch.
- Confirm that the **Power, Ready** and **Link** LEDs are light up.
- Hook up the Console/Ethernet cable with RJ45-DB9F adapter into the console port of the VTS.
- Connect the other end of the Console/Ethernet cable with RJ45-DB9F adapter to the PC's COM port.
- Plug in the RJ45 loopback connector to the serial port 1 of the VTS.

Refer to *Appendix A. Connections* in the Users' Guide for detailed information.

Console port pin-out & cable usage			
Pin	Pin Description	Devices	Use
1	4 CTS	Cisco equipments Sun Netra servers	RJ45 Console/Ethernet cable
2	2 DSR	Nortel equipments	DB9 male Console/Ethernet cable + RJ45-DB9F cross-over adapter
3	3 Rx/D	Other DB9 DTE devices	
4	4 GND	Sun Sparc servers	DB25 female Console/Ethernet cable + RJ45-DB25M cross-over adapter
5	5 DCD	Other DB25 DTE devices	
6	6 Tx/D	Serial printers	DB25 male Console/Ethernet cable + RJ45-DB25F cross-over adapter
7	7 DTR	DB25 DTE devices	
8	8 RTS	Modem ISDN terminal adapters	DB25 male Console/Ethernet cable + RJ45-DB25M straight adapter

2. Configuration using a console

- Run a terminal emulation program such as HyperTerminal and set up the serial configuration parameters as follows:
Baud rate = 9600, Data bits = 8, Parity = None, Stop bits = 1, Flow control = None
- Press **ENTER** key at the terminal emulation program.
- Enter the user name and password. Factory default setting of the user name and password are **admin:admin**.

```
192.168.161.5 login: admin
Password:

-----
Welcome to VTS-1600 configuration page
Current time : 02/25/2003 16:46:34 F/W REV.      : v1.0.0
Serial No.   : vts32000302-00001 MAC Address : 00-01-95-a1-89-b7
IP mode      : Static IP                      IP Address  : 192.168.161.5
-----
Select menu
1. Network configuration
2. Serial port configuration
3. Clustering configuration
4. PC Card configuration
5. System Status & log
6. System administration
7. Save changes
8. Exit without saving
9. Exit and apply changes
a. Exit and reboot
<ENTER> Refresh
----->
```

- Users can change the default configuration of the IP address and the serial port 1 by using the text menu interface for their environment.

2.1. Assign IP address

Factory default IP mode setting of the VTS is **Static**, and the default IP address is **192.168.161.5**.

- Select menu **1. IP Configuration** at the main menu.

```
-----
Network configuration
-----
Select menu
1. IP configuration
2. SNMP configuration
3. Dynamic DNS configuration
4. SMTP configuration
5. IP filtering
6. SYSLOG server configuration
7. NFS server configuration
8. Web server configuration
9. Ethernet configuration
a. TCP service configuration
<ESC> Back, <ENTER> Refresh
----->
```

- Change the parameters according to your network environment, i.e. IP address, Subnet mask, Default gateway, DNS server.
- Return to the main menu by press **ESC** key.
- Select the menu **7. Save changes** to save the configuration changes.

2.2. Serial port(s) configuration

- Select the menu **2. Serial port configuration** at the main menu.

```
-----
Serial configuration
-----
Port#    Title    Mode Dest/AssignedIP Port  Proto  Serial-Settings
1 port title #1 CS  192.168.1.101  7001 RawTCP RS232-9600-N-8-1-No
2 Port Title #2 CS  192.168.1.102  7002 Telnet RS232-9600-N-8-1-No
3 Port Title #3 CS  192.168.1.103  7003 Telnet RS232-9600-N-8-1-No
4 Port Title #4 CS  192.168.1.104  7004 Telnet RS232-9600-N-8-1-No
5 Port Title #5 CS  192.168.1.105  7005 Telnet RS232-9600-N-8-1-No
6 Port Title #6 CS  192.168.1.106  7006 Telnet RS232-9600-N-8-1-No
7 Port Title #7 CS  192.168.1.107  7007 Telnet RS232-9600-N-8-1-No
8 Port Title #8 CS  192.168.1.108  7008 Telnet RS232-9600-N-8-1-No
9 Port Title #9 CS  192.168.1.109  7009 Telnet RS232-9600-N-8-1-No
10 Port Title #10 CS  192.168.1.110  7010 Telnet RS232-9600-N-8-1-No
11 Port Title #11 CS  192.168.1.111  7011 Telnet RS232-9600-N-8-1-No
12 Port Title #12 CS  192.168.1.112  7012 Telnet RS232-9600-N-8-1-No
13 Port Title #13 CS  192.168.1.113  7013 Telnet RS232-9600-N-8-1-No
14 Port Title #14 CS  192.168.1.114  7014 Telnet RS232-9600-N-8-1-No
15 Port Title #15 CS  192.168.1.115  7015 Telnet RS232-9600-N-8-1-No
16 Port Title #16 CS  192.168.1.116  7016 Telnet RS232-9600-N-8-1-No

Enter port number to configure ( 0 for all port configuration )
<ESC> Back, <ENTER> Refresh
```

- Please confirm the port 1 configuration is as follows by typing the port number.
Port: Enable, Host mode: Console Server
Assigned IP: 192.168.100.1, Listening TCP Port: 7001, Protocol: Telnet
- Return to the main menu by press **ESC** key.
- Select the menu **9. Exit and apply changes** to apply the configuration changes to the system.

2.3. Access the serial port

- Try to access the serial port 1 by running the telnet program.
telnet 192.168.161.5 7001
- Users are requested to enter the user ID and the password to access the port. Enter the factory default user name and password of **admin:admin**.

```
Welcome to VTS-1600 Console Server
```

```
VTS-1600 Login : admin
VTS-1600 Password : *****
i am in the serial port
```

- Users may see what he types through the terminal program, since there is a serial loop-back connector on the port 1.

3. Configuration using a telnet

- Telnet to the VTS using the factory default IP address.
telnet 192.168.161.5
- Follow the same procedure as *2. Configuration using a console*, in the log-in the parameter configuration and the port test, since the user interface of the Telnet is identical to that of the console.

4. Configuration using a web browser

The VTS provides easy-to-use web interface for the configuration and the port access.

- Open a web browser such as Internet Explorer or Netscape Navigator and enter the IP address of the VTS in the url.
The log-in page will be shown as follows.

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