



## 945RTS Field Provisioning Addendum

This document describes how to provision key parameters in the Sage Model 945RTS. This information may be useful in the event such parameters were not furnished to Sage Instruments before product shipment. They are also useful when the field environment changes, necessitating corresponding change in 945RTS provisioning.

### Setting the Time zone

1. Login as "**root**", then type "**scoadmin**" and press <ENTER>
2. When the menu appears scroll down to "**System**" and press <ENTER>
3. Scroll down to "**System Time Manager**" and press <ENTER>
4. Press "**t**" for "**Time**", then "**t**" to select "**Change Timezone**"
5. Tab the cursor to the "**Geographical area:**" menu, then press the space bar
6. Scroll to highlight the requested area (Europe for GMT), then press <ENTER>
7. Tab to the next box '**area timezone:**'
8. Press the space bar and scroll to requested time zone then press the <ENTER>
9. Tab to highlight **OK**, at the bottom of the screen, then press <ENTER>
10. You will see the message "*The system time zone has been updated. You must logout and log back in to see the effects of this change.*" Press <ENTER>
11. Now you should be back at the "**System Time Manager**" screen
12. Press tab to highlight "**/System**" at the bottom of the screen, then press <ENTER> to return to the top menu.

### Setting Host name, IP address, Netmask, Broadcast address, and Domain name

1. As "**root**" type "**scoadmin**"
2. When the menu appears scroll down to "**Networks**" and press <ENTER>
3. Scroll down to "**Network Configuration Manager**" and press <ENTER>
4. Press tab to enter the "**Current networking configuration:**" menu box
5. Scroll down to highlight the *second* "**SCO TCP/IP**" (the one under "HW Intel® 82559 Fast Ethernet LAN on Motherboard- PCI Bus# 1.Device")
6. Press tab to return to top, press "**p**" to select "**Protocol**", press "**m**" to select modify
7. Replace the '**Local Host Name**' field with the new customer supplied name
8. Press tab to go to the **IP Address** field and enter the supplied IP address
9. Press tab to go to the **Netmask** field and enter the supplied net mask
10. Press tab and verify the **Broadcast Address** is now the same as the supplied Broadcast Address
11. Press tab to go to the **Domain Name** field and enter the supplied name
12. Press tab until **OK** is highlighted then press <ENTER>
13. You will see a notification that SCO TCP/IP was successfully modified
14. Press <ENTER> to return to the main network configuration menu
15. **Hardware** should be highlighted. Press <ENTER> and then '**x**' to exit
16. For the "Question: *Do you want to re-link now?*" select **Yes** and press <ENTER>
17. When "*Do you want this kernel to boot by default?*" appears press "**y**" and <ENTER>
18. When "*Do you want the kernel environment rebuilt?*" appears press "**y**" and <ENTER>

19. At *Press enter to continue*, press <ENTER>
20. At the SCAdmin main menu press **tab** to highlight **"File"** at the top of the screen
21. Press **"f"** for drop down menu then **"x"** to exit

## Setting the Gateway Address

1. Log in as **"root"**, then type **"scosh"** and press <ENTER>
2. Press **"m"** for Manager, then **"e"** for Edit
3. Type **"etc/default/tcp"** then press <ENTER>
4. Use the down arrow key to go to **"GATEWAY="** and replace the address with the new Gateway address
5. Press the **"Esc"** key to exit the edit mode and return to the menu
6. Press **"q"** to quit and the <ENTER> key to quit and save the changes
7. Press **"q"** twice more to go to the top menu, then the <ENTER> key to leave the desktop

## Setting Test Line Trunk Conditioning to Wink Start or Immediate Start

1. Log in as **"root"**, then type **"scosh"** and press <ENTER>
2. Press **"m"** for Manager, then **"e"** for Edit
3. Type **"u/950rts/bin/itl"** then press <ENTER>
4. Press Ctrl+f (hold down the Ctrl key and type "f") to display the editor commands; type "5" (search) and press <ENTER>
5. In the search field, type **"\$QDSP"** (all upper case) and press <ENTER>
6. Use the left arrow key to cursor to the beginning of the line, then press the DEL key twice to delete to space characters.
7. Use the right arrow key to place the cursor just to the right of the "P".
8. Press the space bar, then type **"-w"**
9. The complete line should now look like the example below:  
`$SHELL_STR -c "$ITLD $testline $ITLTYPE $QDSP -w"`

**Note:** If the 945RTS is already provisioned for Wink Start, and you want to provision it for Immediate Start, edit the line to look like the example below:

`$SHELL_STR -c "$ITLD $testline $ITLTYPE $QDSP"`

10. Press the **"Esc"** key to exit the edit mode and return to the menu
11. Press **"q"** to quit and the <ENTER> key to quit and save the changes
12. Press **"q"** twice more to go to the top menu, then the <ENTER> key to leave the desktop

## To activate the new settings

To activate the new settings, you must shutdown and restart the 945RTS. Do the following:

1. If you are not already logged in as root, do so now
2. Type **"shutdown -g0 -y -i6"** and press <ENTER>. Note that the entire shutdown and reboot process may take up to 5 minutes to complete.

## Verify all changes are active

1. To verify the correct Time Zone is active, type **"date"** and press <ENTER>
2. You can log in as **"root"** and type **"getinfo"** and <ENTER>, then view the file **"/rtsinfo"** for an overview of most other settings