**Setting up RF in AutoPoint and Shell**

* Create Unix user RF-BBB (must be unique by branch)

[Shell]

# **usermenu**

**7**- Add a User to the System

User’s Login Name: **rf-bbb**

User’s Full Name: **scanner**

User UID – between 500 and 20000 [510]: press enter for 510 **Press** **Enter**

Group ID [101]: press enter for 101 **Press** **Enter**

Changing password for user **rf-bbb**

New password: **rfbbb**

BAD PASSWORD: it is too short

BAD PASSWORD: is too simple

Retype new password: **rfbbb**

Passwd: all authentication tokens updated successfully

Log directly into AutoPoint [y]: **y**

Special c profile being copied to /home/rf-bbb

Created user rf-bbb

Press Enter to continue

* Ensuring the tdi file is one the customer’s system

[On the Customer System]

# **cd /usr/opt**

# **l icobol.\***

# **cd icobol.NNN/term**  NNN = the icobol revision number

# **l vt220rf.tdi**

 If the tdi file is not there then:

 [On Kudzu]

 # # **cd /usr/opt**

# **l icobol.\***

# **cd icobol.NNN/term** NNN = the latest icobol revision number

# **ftpio vt220rf.tdi**

Put the file in **/usr/opt/icobol.NNN/term**

* Assign a terminal (port) to this user

# **. amdefs**

# **emacs def\_ports**

go to the end of the list and add another terminal

**###:user:rf-bbb:local:0::Ntrm:T:nofarm:n** ###= the next number

**F12** Make not of the ### number

**Enter**

**F11**

* Create this same user (**rf-bbb**) inside AutoPoint

# **cd/usr/opt/icobol(tab)/term**

# **l vt220rf.tdi**

If that file is not there ftp it to customer from Kudzu in /usr/opt/icobol.(tab)/term. Send it to the temp directory on the customer side and then move it to /usr/opt/icobol.NNN/term

Change the owner and user to root:root:

# **chown root:root vt220rf.tdi**

# **start**

**SYS**

**1**- System Security

1. Operator Information Maintenance

1. OPERATOR ID **RF-BBB**

2. PASSWORD **RFBBB**

3. OPERATOR NAME **SCANNER**

4. COMPANY ID **CCC**

 COMPANY NAME FILLS IN AUTOMAGICALLY

5. OPERATOR MESSAGE LEAVE BLANK

6. LOCKOUT FLAG LEAVE BLANK

7. MENU TREE ID LEAVE BLANK

8. LOGON DEFAULT REF # LEAVE BLANK

9. LOG ACTIVITY FLAG N (DEFAULT)

10. AUXILIARY OPER INFO LEAVE BLANK

11. EMAIL ALLOWED N (DEFAULT)

12. NEW EMAIL N (DEFAULT)

13. SECURITY LEVELS All 9s. After you press enter it will clean it up.

* Create CRT record for this terminal number

**SYS**

**4**- CRT Records

Search through the records to see if the CRT number already exists that you created in def\_ports. If it does not:

**R** to rename any CRT record

Do you want to DELETE this record? **N**

In any menu in AutoPoint type **RFMENU** and the screen below should appear. If it does not then the customer does not have all of the proper files. Let Jacob, Ron, or Ed know.

**Configuring the Wireless Router (Access Point)**

Using an Ethernet cord, plug the AP into a computer.

Usually the AP will have an IP address of 192.168.1.1 out of the box, but you may need to either look at the documentation that came with the AP or search the internet to confirm.

Whatever the IP address of the AP you must assign the computer that it is plugged into an IP address that is on the same network. For example, if the AP is 192.168.1.1 than the computer needs to be something like 192.168.1.10.

Changing the IP address for Linux:

 1. Open SystemSettings which is usually under Applications and System Tools

 2. Open Network

 3. Highlight Wiredand click on the Configurebutton

 4. You may or may not have to choose eth0 network

5. Select the IPv4 Settings tab and click on the Add button

 6. Type in an IP address that would be on the AP’s network

 7. Let the Subnet Mask be 255.255.255.0 and leave all else blank

 8. Click Save

9. Double click on the new connection and make sure that it is **not** controlled by the 10.Network Manager.

 11. Turn the new connection off and on

Changing the IP address for Windows:

1. Click on the network connection symbol on the bottom right next to the time and date

2. Open Network and Sharing Center

3. Click on Local Area Connection

4. Click on Properties

5. Double Click on IPv4

6. Click on Advanced

7. Click on Add

8. Type in an IP address that would be on the AP’s network

9. Let the Subnet Mask be 255.255.255.0 and leave all else blank

10. Click on OK or Close until you are back to Network and Sharing Center

11. Allow for a couple of minutes for the computer to accept the changes

Open up the internet and type in the IP address of the AP into the address bar and hit Enter

This should bring you to the web interface of the AP.

The username and password are generally admin and admin respectfully.

Depending on the AP the menus may be different, but the settings that need to be changed will not vary. They can be completed in any order.

The settings that need to be changed are:

1. Assign the AP a static IP address (once this is done you will need to change the sub-network on your computer to the new network the AP is on and re-enter into the

web interface).

 2. Change the SSiD to bbb-wireless bbb = The Bracnh id in CCCBBB

 3. Assign a wireless password of wifi4bbb

 4. Define the security of the network as WPA/WPA2 and PSK

 5. Change the admin password to 9cccbbb9

**Configuring the Scanner**

Keys to know:

Func = Mid left

* = Func B

\ = Func O

Shift = Bottom right

: = Func N

Enter = Top right or left

. = Mid right

Turn on the scanner by pressing the red power button in the top left corner

Once it fails to find AP press the ‘Esc’ button located in the bottom left

Press ‘Func’ then 4, which is function 4

Press **1** **Scanner**

 **4 Editing**

 **Enter** on **Global Editing** to until it says **Enabled**

Scroll down with the down arrow until you get to **Prefix**

Press **Enter** on **Prefix**

Press **.** (decimal)

 Press **Enter**

Press **Esc** 3 times

You will get a ‘Message: Saved’ and return to the **Administration** menu

Press **7 VT Setup**

 **1 Hosts**

Press **Enter** on **Host 1**

Press **Enter** on **Terminal**

 Set to **VT220**

Press **Enter** on **Name**

Type **AutoPoint**

Press **Enter** on **Host Address**

Set to the Server IP Address of store (192.168.XXX.1)

 Press **Enter** on **Terminal ID**

Type **vt220-rf**

Press **Enter** on **VT Search 1**

Type **login**

 Press **Enter** on **VT Reply 1**

Type **rf-bbb\n** bbb = The Bracnh id in CCCBBB

 Press **Enter** on **VT Search 2**

Type **Password:**

Press **Enter** on **VT Reply 2**

Type **rfbbb\n**

Press **Esc** 2 times to get back to the **Terminal Setup** menu

 **2 General**

Make sure the **Auto-Connect** is **Enabled**

Make sure that option **Auto-Host** is set to **AutoPoint**

Press **Esc** 1 time to get back to the **Terminal Setup** menu

 **4 VTxxx**

Press **Enter** on **Screen Size**

Set to **16x26**

Press **Esc** 2 times to get back to the **Administration** menu

Press **5 Power**

Press **Enter** on **Sleep Timer**

Set to **15min**

Press **Enter** on **Off Timer**

Set to **20min**

Press **Esc** 1 time to get back to the **Administration** menu

**\*\*\*** If the customer you are setting the scanner for is up then complete the following steps to ensure that all the settings in the scanner and AutoPoint are correct. If the customer is not up then skip the following steps until you see another set of **\*\*\*** **\*\*\***

Press **2 Network**

Press **1 Interface**

Press **Enter** on **Configure IP**

Make sure that it is set to **DHCP**

Press **Esc** 1 time to get back to the **Network Setup** menu

 Press **2 Wireless**

Press **Enter** on **SSID**

Type in **aoa-wireless**

Press **Esc** 1 time to get back to the **Network Setup** menu

 Press **3 Security**

Press **Enter** on **Encryption**

Set to **WPA/WPA2**

Press **Enter** on **WPA Type**

Make sure that it is set to **PSK**

Press **Enter** on **Keys/Phrases**

Make sure that it is set to **ASCII Text**

Press **Enter** on **Passkey**

Type in **AOA6047execdr**

Press **Esc** 3 times and **DO NOT** restart the radio when prompted

Turn the Scanner off and then back on.

Once it turns back on, it should automagically connect and sign in to AutoPoint for whatever customer you are setting this for and you will see this screen:



If that screen does not appear, go back and recheck your settings in AutoPoint and the scanner.

\*\*\* Now set the **Network** settings to the customer’s settings\*\*\*

From the **Administration** menu

Press **2 Network**

Press **1 Interface**

Press **Enter** on **Configure IP**

Make sure that it is set to **DHCP**

Press **Esc** 1 time to get back to the **Network Setup** menu

 Press **2 Wireless**

Press **Enter** on **SSID**

Type in **bbb-wireless** bbb = The Bracnh id in CCCBBBPress **Esc** 1 time to get back to the **Network Setup** menu

 Press **3 Securtiy**

Press **Enter** on **Encryption**

Set to **WPA/WPA2**

Press **Enter** on **WPA Typre**

Make sure that it is set to **PSK**

Press **Enter** on **Keys/Phrases**

Make sure that it is set to **ASCII Text**

Press **Enter** on **Passkey**

Type in **wifi4bbb** bbb = The Bracnh id in CCCBBB

Press **Esc** 3 times and **DO NOT** restart the radio when prompted

Turn the scanner off. You are done. Hooray!