

Metal Detecting Pro

<http://www.pnapps.com/mdp/index.html>

INSTRUCTIONS



Version 0.1

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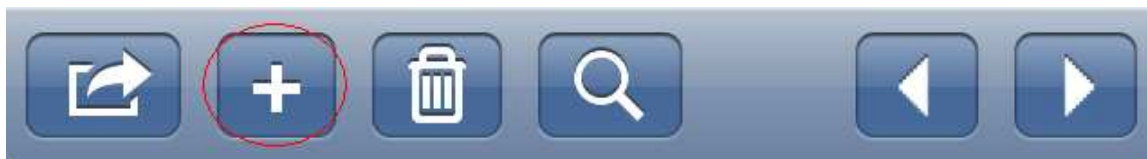
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1.0 – Modules & Navigation

Metal Detecting Pro © (MDP) contains 5 modules to assist your detecting data tracking needs. The application includes Hunts, Detectors, Research and Find modules/databases. In addition to these four, MDP incorporates an in app instruction module. Many of the fields in MDP save your entries for future use and are user editable. This allows for a fast “Tap-N-Go” data entry environment.

As Metal Detecting Pro is a database and ships empty, you must enter a record into a given module for it to become active. **This includes the index screen.** The module will appear Grayed out until you tap the “+” button as pictured below.



To navigate between the modules, you have two options.

- 1) By using the buttons located on the Index screen.
- 2) Or by using the navigation drop list



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To return to the main index screen, you may select the Home icon found at the top right of the screen or by using the navigation drop list as described above.



Detectors: The first module that you will want to enter data into will be the Detector module. After selecting this module by one of the above methods, you will be brought to a screen that will list all of your entered detectors or accessories. To select a specific piece of equipment, simply click on it in the list. If you wish to enter a new item, click on the “Add new Detector” button found at the bottom of the screen.

The Detector module is tabbed and contains Detector Stats and Maintenance/Activity.

While the Stats tab is relatively self explanatory, the activity tab warrants further attention. The activity section is where you will enter battery changes, deep cleans, repair or maintenance work or any aspect of the equipment. You could use this area to track signal response relative to the target.

To enter a new activity, click on the “Add activity” button found on the bottom of the screen. The Activity drop list is very versatile as it will remember your entry for future use. All of the previous entries will be available to draw from within this drop list. All of the activity entered for that piece of equipment will display in the Activity tab. Click on a specific entry to view the details.

Hunts: After selecting Hunt/Outings from the index screen or drop list, you will be brought to the View Hunt/Outings screen. To select a specific Hunt or Outing, simply click on it in the list. If you wish to enter a new item, click on the “Add Hunt” button found at the bottom of the screen. The Hunt module contains three tabs, Stats, Notes and Finds.

A unique feature on this module is the Map button. By clicking on this icon, the Hunt location site will display on a map. You must enter a valid State or Province, City, Town or County and address. GPS coordinates in the address field will also work. The Finds tab works similarly to the Detector Activity tab. To enter a new find, click on the “Add find” button found on the bottom of the screen. The category drop list is very versatile as it will remember your entry for future use. All of the previous entries will be available to draw from within this drop list. All of the finds entered for that hunt will display in the Finds tab. Click on a specific entry to view the details. The Finds data entry screen is also tabbed as pictured below. The Finds and Notes tabs are self explanatory. To enter an image, sound or other file in the image/container field, simply right click on it for the menu.

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Research: After selecting Research from the index screen or drop list, you will be brought to the View Research sites screen. To select a specific site, simply click on it in the list. If you wish to enter a new item, click on the “Add Research Site” button found at the bottom of the screen. The Research module contains six tabs: Site info, Notes and four image container fields. The mapping button is also available in this module.

Finds: The Finds module works similarly to the finds tab in the Hunts module. One difference is that you can enter a find without an associated Hunt. If you enter a find from within a Hunt, it will be associated and linked to that hunt. By entering a find without an associated hunt, it will only display from within the Finds module. Another small difference is that a small thumbnail will display in the View Finds screen. To select a given find, simply click on it from the list. To add a find, click on the “Add New Find” button found at the bottom of the screen.

Instructions: The instruction module contains a web view portal that points directly to this instruction PDF file on the web. You must have internet connectivity to view the document.

2.0 – Dealing With Records

2.1 Adding Records: If the module is grayed out, it has no record entries. To add a record simply select the “+” button located in the menu bar at the bottom of the screen. The available fields in that module will then become active.



2.2 Find Records: Tap on the magnifying glass and then tap on the field you wish to search. A keyboard will appear on your MDP screen. Enter the text string or value you are looking for. Select “Done” and then “Perform Find”. Any/All records with your criteria will now display.



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2.3 Canceling a Find: Tap on the "Cancel" button to cancel the find process.



2.4 Delete Record: Tap on the trashcan icon to delete a record. You will be prompted to mitigate accidental record loss.



2.5 Delete Found Set: To delete a found set of records, simply perform a find, and then click on the trashcan icon. You will be presented with a choice of options. As above, you can choose to delete the current record, or the found set of records.

2.6 Delete All Records: Simply double click the "magnifying glass to display all of the records in the database. Click the trashcan icon. You will be presented with a menu, as shown above, that allows you to delete all of the records.

2.7 Table View: To view your records in a table, simply click the "Action Sheet" button. Select the "Table View" button.

2.8 View Single Record Detail From Table View: While in table view, click the "Detail" button to view a single record.

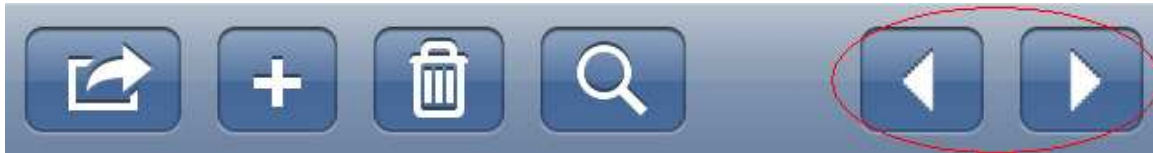
2.9 Locate a Single Record: To view a single record in a table, simply click the "Action Sheet" button. Then select the "Go to Record" button. Type the record number and then click "OK".

2.10 Duplicate Record: To duplicate a record, click the "Action Sheet" button. Select the "Duplicate Record" button from the pop-up list.

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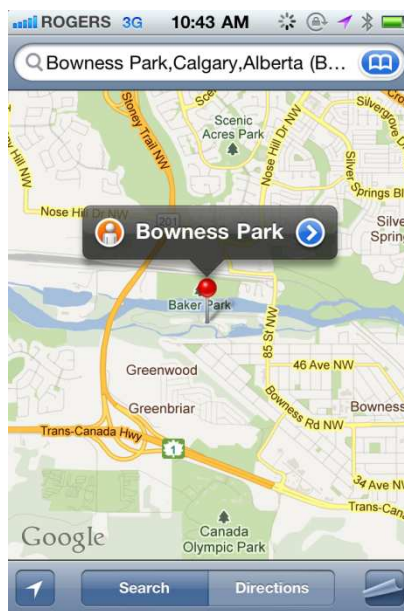
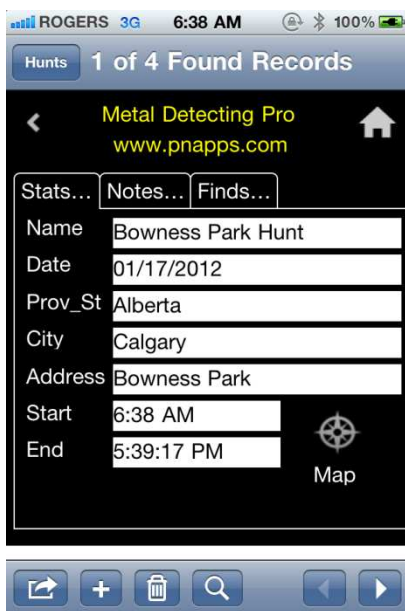
2.11 Previous & Next: Navigate through your records one at a time by selecting the previous < > and next arrows.



2.12 Sorting: While in table view, simply click the table header to sort the fields. Click once for ascending and click twice for descending.

2.13 Mapping Feature: From within the Hunts and Research modules, a stored address can be displayed on Google Map™. To initiate this feature, be sure that a City, State/Province and Address are entered and tap the “Map” button.

The address will display and you can then use all the features of Google Map™.



2.14 Call Phone # : MDP will allow for a stored phone number to be dialed from within the application. Click in the field and you will have the option of dialing the number. (If phone enabled, it will place the call) Enter the 10 digit number with no spaces or hyphens.

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2.15 Attaching an image, audio file or sketch: To attach an associated image, audio file or sketch, tap on the Img, Audio or Sketch field. You will be presented with the options of; take a photo with the camera, use a photo from an album, insert a signature/sketch and play or record a sound.

2.16 “Smart” Drop Lists: Some of the fields come pre-populated with data. If a drop list has no pre-populated entries, simply tap on the field again and the text keypad will display. You will then be able to enter free text into the field. It will then remember the previous entries and include them in the list for future selection.

2.17 – Synchronization with Desktop Application

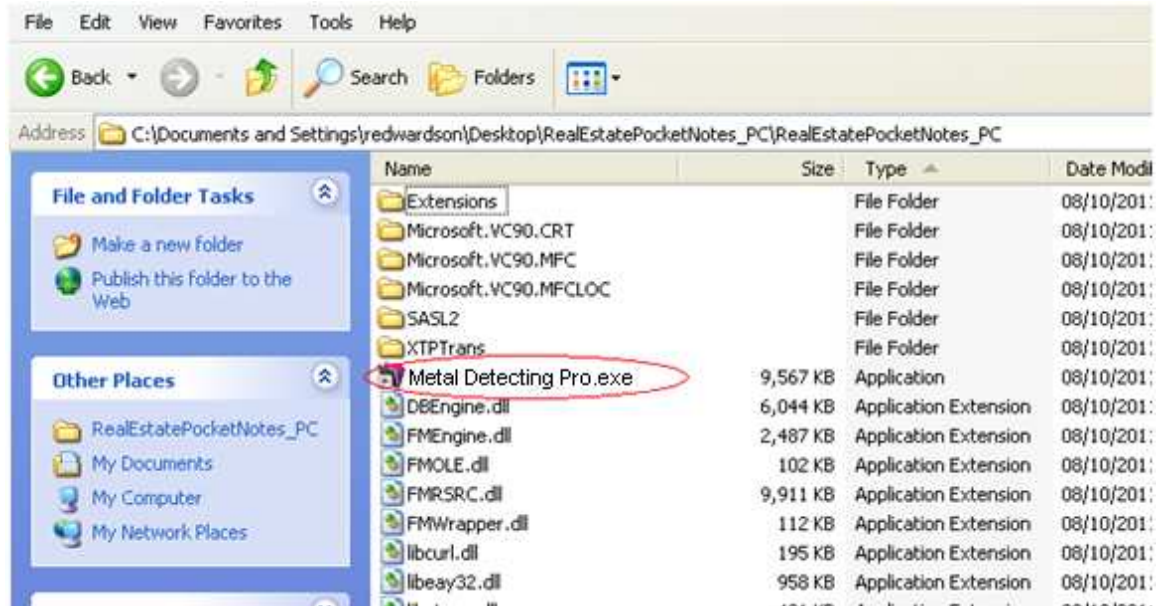
We are extremely excited to now offer Synchronization of data between your handheld device app and a desktop or laptop computer. In order to accomplish this, you must have both the iPhone or iPad software, and the Desktop version as well. Mobile device software can be purchased directly through the iStore.

Desktop versions may be downloaded from <http://pnapps.com/mdp/desktop.html> through a secure PayPal transaction. Be sure to check your browsers security alert bar for any messages. It may display below the address box and prompt you to allow the file download.

The folder you will download is in a zipped or compressed format. Extract the files and you will see a folder that has contents similar to the image below. (Mac and Windows versions will differ somewhat) You can place this folder wherever you like on your computer but do not rename or change any of the files within. The only file that you will use is the “Metal Detecting Pro” application file. Simply double click on it to open the application. For detailed instructions on using the Desktop software features , use the “Help” menu from within the application. It is based on a FileMaker Pro 11 © database so alternatively, you can also download instructions [HERE](#) from FileMaker © on using the menu commands etc.

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After successfully installing both applications, you are a few small steps away from seamlessly transferring data.

- 1) Make sure that your desktop computer and mobile device both have the Metal Detecting Pro application open and running.
- 2) Connect your mobile device and Desktop machine to the same network. (On your mobile device, go to “Settings” and then “Wi-Fi”. Then simply select the network you are connecting to.)

Again, be sure that Metal Detecting Pro is open and running on both the Desktop machine and mobile device. If you require assistance with creating a Wi-Fi network, see section 2.17 below.

- 3) Synchronization must be initiated from your mobile device. Navigate to the “Synchronize” module from within Metal Detecting Pro and tap on the “Synchronize” button. A window will display telling you if you are connected to the Wi-Fi network. If you see a warning displayed at the bottom of the screen, you are not connected to a network. See section 2.17 below for further troubleshooting.

- 4) If you do not see the “Wi-Fi not available” warning, select continue and you will see all computers connected to the network that are running Metal Detecting Pro. Select the Desktop computer you will sync with by tapping on it.

Note: Disregard any other buttons on this screen as they are for advanced web server synchronization and Police Service specific data. You will also see reference to FMTouch on some of the dialogue windows. Metal Detecting Pro uses an FMTouch “Plug-in” for synchronization.

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5) Your Metal Detecting Pro Desktop application will now display a window asking if you want to allow once or always.



You will then be provided a 4 digit "Sync Key" on the desktop machine. Enter this 4 digit number on your mobile device.

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7) Select the “Start Sync” button. And all tables will synchronize data.

2.18 – Wi-Fi Network and Synchronization troubleshooting.

Your pnapps.com software uses a wifi network and both devices need to be connected to this network. If you do not already have a network set up, follow the instructions below to do so.

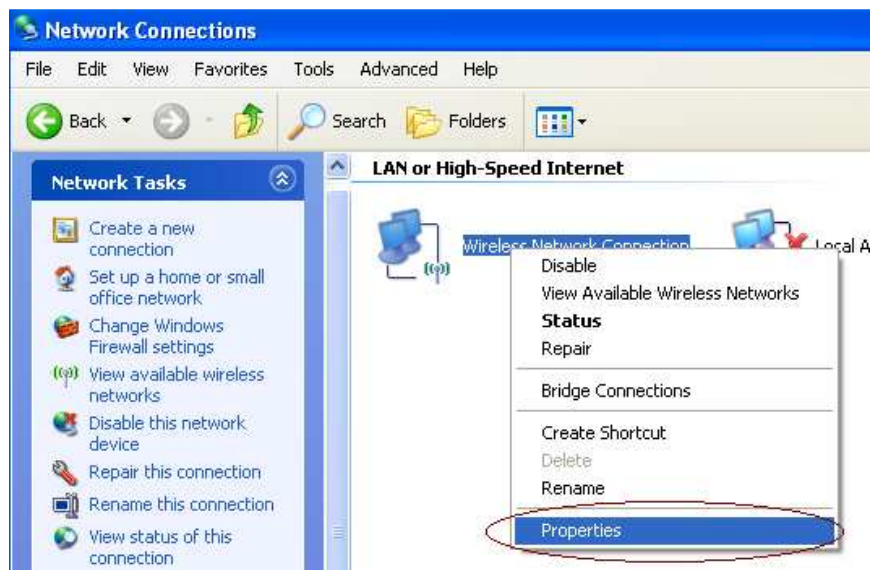
An ad hoc network is created when a computer shares files or internet connection through its own wireless capabilities. This is different from networks created using a wireless router in that there is no external hardware managing the network. An ad hoc network can be useful in situations where a simple wireless network is needed. The computer itself acts as the wireless router, hosting the wireless connection and managing communications between external devices such as your iPad or iPhone.

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WINDOWS OS

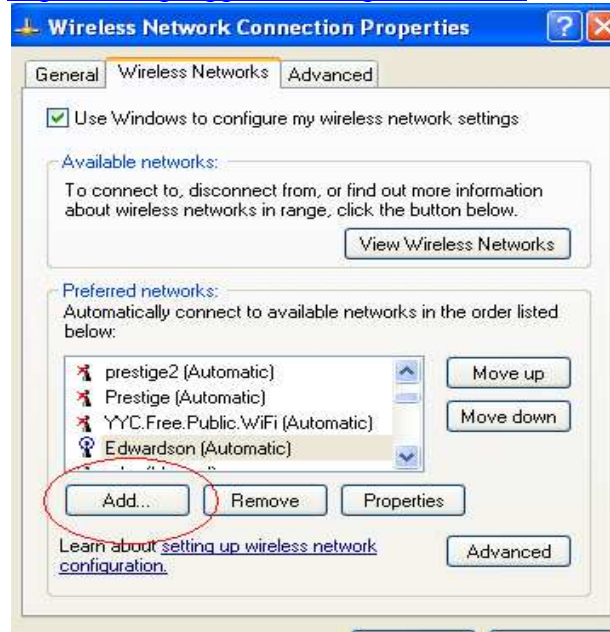
- 1) Click "Start," open the "Control Panel" and double-click on the "Network Connections" option.
- 2) Right-click on the wireless network connection and select "Properties."
This will display the settings of your built-in wireless network adapter.



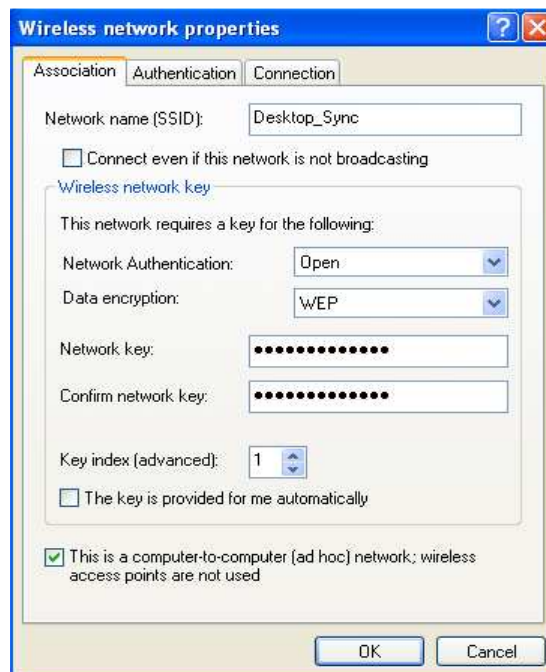
- 3) Select the "Wireless Networks" tab and click "Add" in the "Preferred Networks" section.

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- 4) Type the desired name of your ad hoc network in the "Network name (SSID)" field. Uncheck the box next to "The key is provided for me automatically" and check the box next to "This is a computer-to-computer (ad hoc) network." Type a 13-letter password key into the "Network Key" and "Confirm Network Key" boxes. Click "OK" to save your changes.



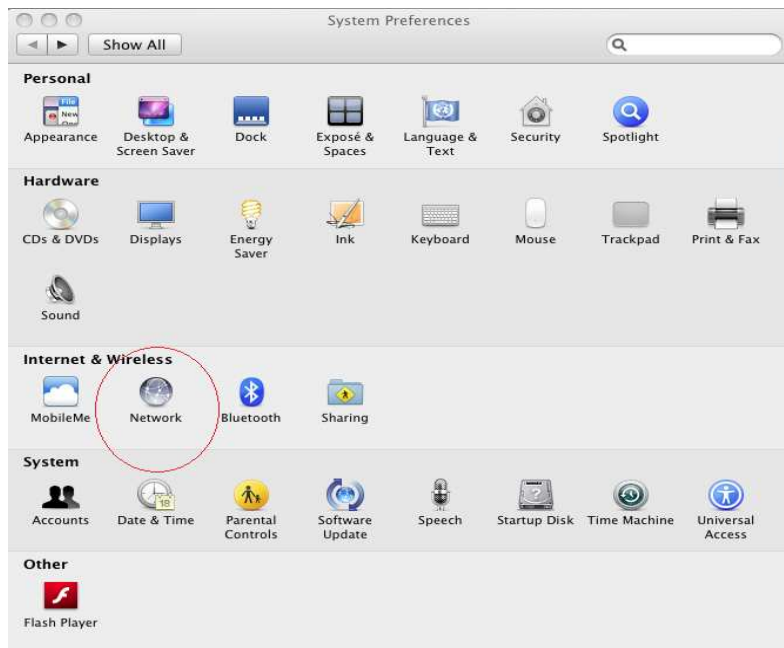
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5) Connect to the network you just created on the other computers. Use the network key you provided when prompted for a password. PC and Mac users will be able to connect to this network.

Mac OS

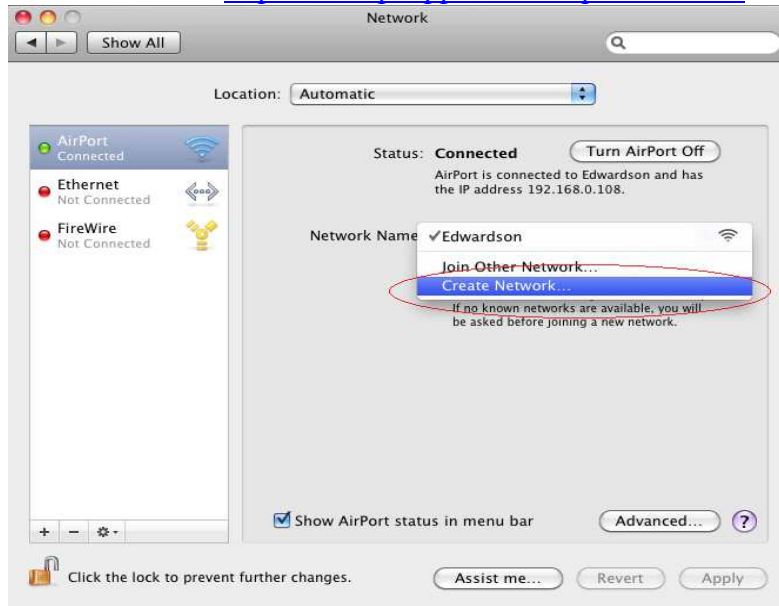
1) Navigate to System Preferences and select Network.



2) Under the Network Name drop list, select Create Network.

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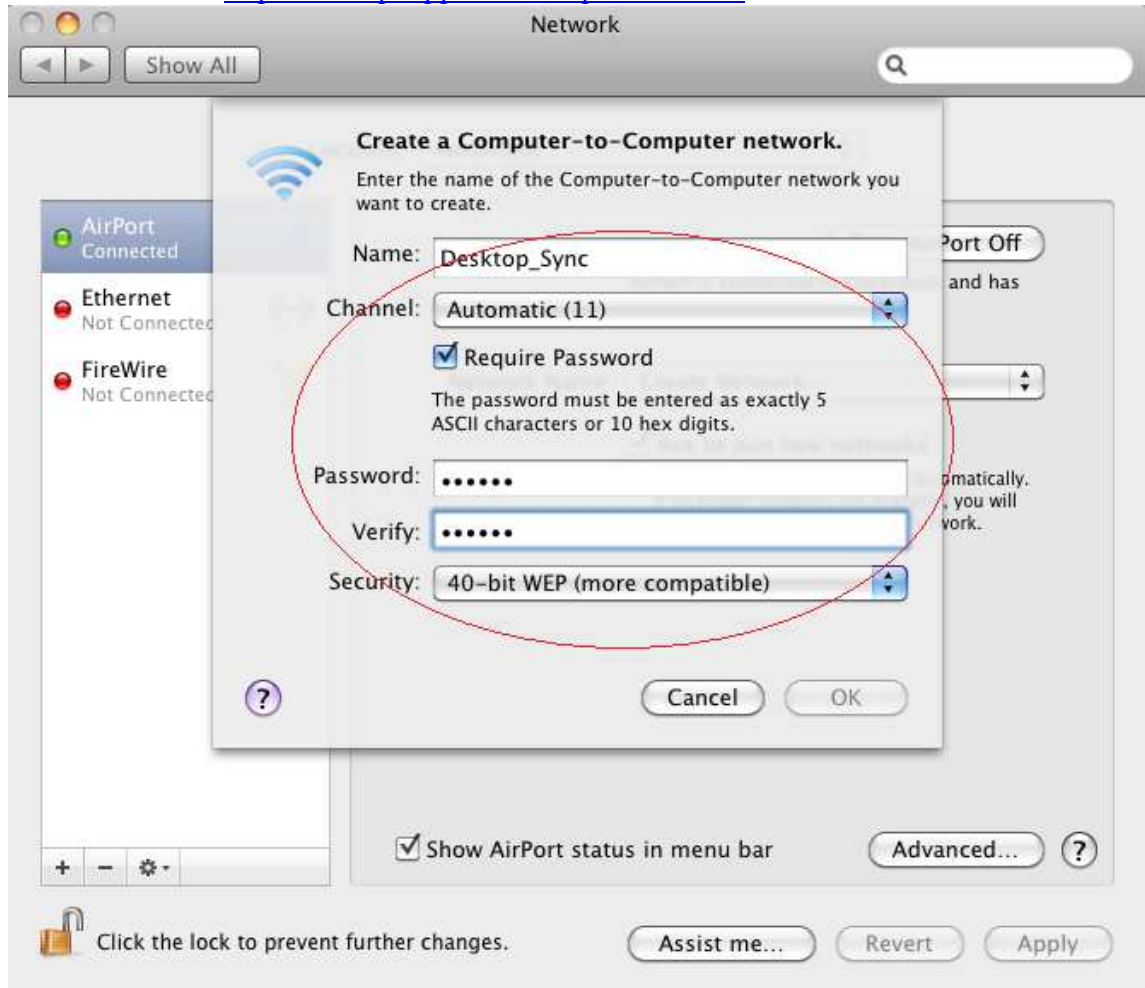
<http://www.pnapps.com/mdp/index.html>



3) Enter a name for your network and add a password.

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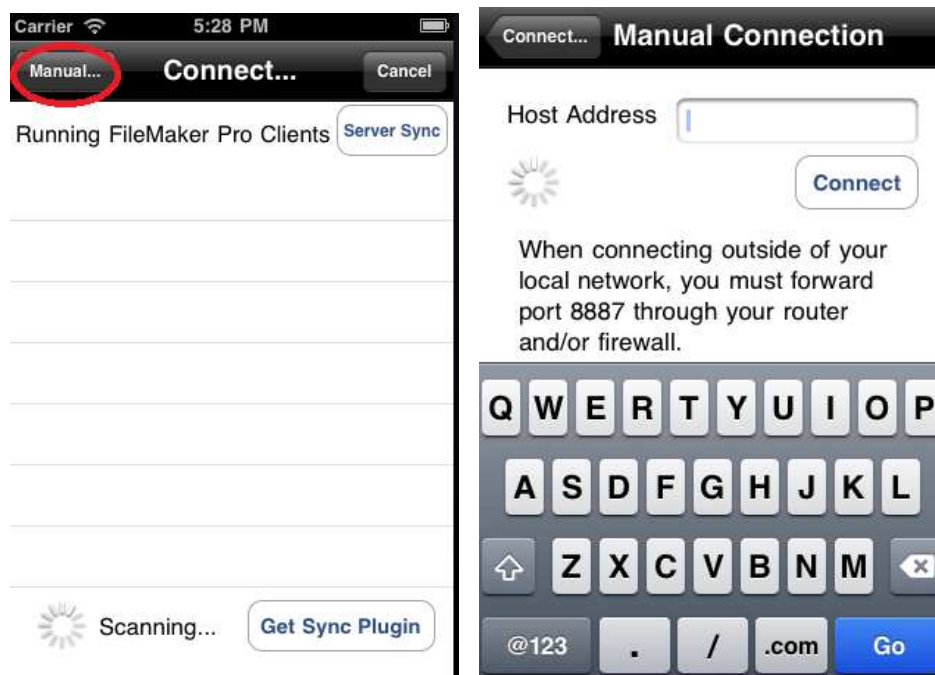
4) Select OK and your network will be created. You may now connect to this network from your mobile device or any other wireless enabled device.

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Other troubleshooting notes: Metal Detecting Pro uses Bonjour Print Services to allow your desktop computer to see other devices, such as your iPhone/iPad, on your network. Usually this is installed with iTunes. If for some reason, you are unable to communicate between devices on your network, try downloading and installing Bonjour from Apple <http://support.apple.com/kb/DL999> . You may also want to try disabling any third party firewalls temporarily and see if this works.

If you are still having issues with connecting, you can try to establish a sync manually. To accomplish this, you will need to know the IP address of the computer you wish to connect to. Tap on the “manual button as indicated below. Enter the IP address in the field and tap “Connect”.



If this does not resolve your issue, please send an email to admin@pnapps.com with any screenshots or error messages you receive. We will do our best to get you up and running ASAP.