



**Symbol 8100 Client User Guide**

**Version 5.2.4**

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# Table of Contents

<b>Introduction</b>	<b>1</b>
About This Document . . . . .	1
Document Assumptions . . . . .	1
Document Conventions . . . . .	2
About Wavelink Studio Clients . . . . .	2
Additional Information . . . . .	4
<b>Installation</b>	<b>5</b>
Requirements . . . . .	5
Getting Started . . . . .	5
Installing Wavelink Symbol 8100 Series Client . . . . .	5
ActiveSync Installation . . . . .	5
Starting the Wavelink Client . . . . .	7
<b>Configuration</b>	<b>8</b>
Configuring the Symbol 8100 Series Device . . . . .	8
Setting the ESS ID . . . . .	8
Setting the Device IP Address . . . . .	10
Setting the Subnet Mask . . . . .	12
Setting the Default Router . . . . .	14
Enabling DHCP . . . . .	15
Configuring the Wavelink Client . . . . .	17
Configuring Barcode Symbologies . . . . .	18
Setting the View . . . . .	19
Configuring Hosts for Studio COM Applications . . . . .	19
Host Connections . . . . .	19
Creating a Host Connection . . . . .	20
Editing a Host Connection . . . . .	21
Deleting a Host Connection . . . . .	22
<b>Using the Wavelink Client</b>	<b>23</b>
Running Studio EDGE Applications . . . . .	23
Running Studio COM Applications . . . . .	24
Exiting the Wavelink Client . . . . .	26
<b>Common Boot Sequences</b>	<b>27</b>
<b>External Configuration of Client Settings</b>	<b>28</b>
<b>Index</b>	<b>33</b>



# Introduction

The Wavelink Symbol 8100 Series Client user documentation is a complete guide to the functions and components of the Wavelink Symbol 8100 Series Client and presents:

- An introduction to the Wavelink Symbol 8100 Series Client environment and conceptual information about the Wavelink client/server structure
- Detailed installation instructions
- Information on how to configure the client for your network

This introduction describes the document assumptions and conventions, provides an overview of the Wavelink Symbol 8100 Series Client, and offers a list of additional reference materials.

## About This Document

This user documentation provides assistance to anyone integrating the Wavelink Symbol 8100 Series Client into a Wavelink-enabled wireless network.

### Document Assumptions

This document makes the following assumptions:

- You have a general understanding of your wireless network layout.
- You have read and understood the instructions provided with your Symbol 8100 Series mobile devices.

## Document Conventions

This document uses the following typographical conventions:

### **Courier New**

Any time you interact with an option, such as a button, or type specific information into a field, such as a file path, that option appears in the `Courier New` text style. This text style is also used for any keyboard commands that you might need to press.

Examples:

Click `Next` to continue.

Press `CTRL+ALT+DELETE`.

### **Bold**

Any time this document refers to an option, such as descriptions of elements in a dialog box, that option appears in the **Bold** text style.

Examples:

Click `Open` from the **File** menu.

The **Auto-Add** button automatically adds IP addresses to the IP address pool.

### **Italics**

Any time this document refers to a section, that section appears in the *Italic* text style.

Example:

See *Configuration* on page 8 for more information.

## About Wavelink Studio Clients

Wavelink Client software runs on the mobile device, allowing full access to the device-specific features such as barcode scanners, audio tones, specialized input peripherals, radio hardware, and backlights.

The Wavelink Client is backwards-compatible across previous versions of Wavelink Studio, and supports applications for Wavelink Studio 3.6 and 4.1, Wavelink Studio EDGE, and Wavelink Studio COM.

### **Wavelink Studio EDGE Applications**

For Studio EDGE applications, the client has the ability to perform data validation and logic processing for casually connected, continuously connected, and batch applications.

A few of the benefits derived when using Wavelink Studio Clients with EDGE include:

<b>Control Over Device Features</b>	Wavelink Studio Clients integrate with the unique hardware requirements of Symbol 8100 Series mobile devices. Consequently, when you install the client, you retain full control over the device's functionality.
<b>Flexible Connection Types</b>	A client-side Wavelink VM supports presentation logic and business logic for EDGE applications, enabling support for casually connected and batch applications.
<b>Form-based Screens</b>	Form-based screens are cached in Studio EDGE applications, providing on-the-fly re-use, thereby speeding the application and reducing RF traffic.

### **Other Wavelink Studio Applications**

For Wavelink Studio 3.6, 4.1, and Wavelink Studio COM applications, major application functions are carried out on the system hosting the Wavelink Server. Wavelink Studio Clients are responsible for communicating with the appropriate Wavelink Server and displaying relevant application information to the mobile device.

A few of the benefits derived when using Wavelink Studio Clients with Studio 3.6, 4.1, and Studio COM applications include:

<b>Control Over Device Features</b>	Wavelink Studio Clients integrate with the unique hardware requirements of Symbol 8100 Series mobile devices. Consequently, when you install the client, you retain full control over the device's functionality.
<b>Event-driven Architecture</b>	Wavelink Studio Clients' unique event-driven architecture minimizes wireless traffic by sending data packets only when prompted by user actions. This architecture ensures that communication between a device and a server is as efficient as possible.
<b>Client-side Menus</b>	With Wavelink Studio Clients, you can save commonly-used files and menus, such as barcode configuration files, directly to the device.
<b>AutoDiscovery</b>	Once you install a Wavelink Studio Client, Wavelink's AutoDiscovery technology allows your mobile devices to automatically discover and access appropriate applications across a wireless network.

## **Additional Information**

For additional information concerning Wavelink Studio Clients, see the following documentation:

- [Wavelink Studio EDGE Designer documentation](#)
- [Wavelink Studio Server documentation](#)
- [Wavelink Studio COM Development Library documentation](#)
- [Wavelink TelnetCE Documentation](#)



# Installation

This section describes the hardware and software requirements of the Wavelink Symbol 8100 Series Client, and shows how to install the client on a mobile device.

## Requirements

To install and run the Symbol 8100 Series Client, you need the following components:

- A host computer with a connection to the network
- A means of connecting the device to the host computer (for example, a serial cable)
- A Symbol 8100 mobile device
- Microsoft ActiveSync 3.6

## Getting Started

You must acquire the correct installation file to install the Wavelink Client on the mobile device. This file is available from the Wavelink Web site, [www.wavelink.com](http://www.wavelink.com).

You also must already have Microsoft ActiveSync installed on your host computer. Microsoft ActiveSync is available for download from the Microsoft Web site, [www.microsoft.com](http://www.microsoft.com).

## Installing Wavelink Symbol 8100 Series Client

This section describes the installation processes for the Wavelink Client on a Symbol 8100 mobile device.

### ActiveSync Installation

This installation process uses Microsoft ActiveSync to install the client on the Symbol 8100 Series mobile device.

---

**NOTE** Before you can install the client, verify that you are connected to the mobile device with Microsoft ActiveSync.

---

**To install the Wavelink Client:**

- 1 Download the correct installation file to your host computer.

The name of the file is `wlc_s81_ce30_all_5<xxxx>_us_n_as.exe`

where *xxxx* is the client version number.

This file is a self-extracting ZIP file that contains all the necessary files for the Wavelink Client.

- 2 Extract the ZIP file to a directory of your choice.

Double-click the ZIP file to extract it.

- 3 Within the extracted files, locate the file named `wlc_s81_soft_5xxxx_wce300_arm_Install.exe`.

- 4 Double-click the specified file.

A *Welcome* dialog box appears, introducing you to the Wavelink Client installation process.

- 5 Click *Next*.

The setup program installs the Wavelink Client to the desktop. After the installation, it informs you that the files will be downloaded to the mobile device the next time it connects to your host computer.

- 6 Click *OK*.

The *Setup Complete* dialog box appears.

- 7 Click *Finish* to complete the installation process.

- 8 Place the mobile device in its docking cradle.

Microsoft ActiveSync automatically begins to download the Wavelink Client to the device. After the download is complete, a dialog box appears, requesting that you check your mobile device to see if additional steps are necessary to install the Wavelink Client.

---

**NOTE** The Symbol 8100 Series device does not require any additional steps once Microsoft ActiveSync installs the Wavelink Client.

---

9 Click **OK** to complete the download process.

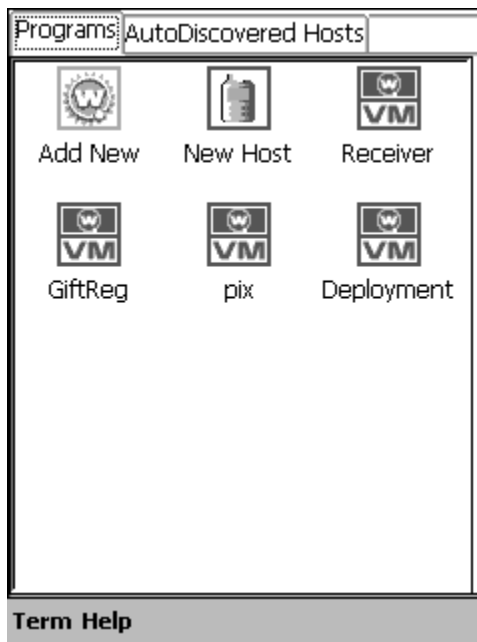
## Starting the Wavelink Client

Once you have downloaded the Wavelink Client, you can run the client.

**To start the Wavelink Client:**

- 1 Tap **Programs** from the **Start** menu.
- 2 In the window that appears, tap the **Wavelink** icon.

The Wavelink Client launches, and the **Programs** tab appear.



**Figure 1.** *The Programs Tab*

## Configuration

The Symbol 8100 Series mobile device contains a variety of capabilities that you can configure to meet the needs of your organization. This section includes consolidated instructions on how to use these capabilities to fully integrate the device within your wireless network.

---

**NOTE** The following sections are not exhaustive instructions on the full capabilities of Symbol 8100 Series mobile devices. See your hardware documentation for more information on the full capabilities of these devices.

---

### Configuring the Symbol 8100 Series Device

This section focuses on how to configure an Symbol 8100 Series mobile device to connect with a Wavelink-enabled network.

#### Setting the ESS ID

You must set the ESS ID of the Symbol 8100 Series device to match the corresponding ESS ID of one or more access points on your network. Only mobile devices that share the same ESS ID with an access point can communicate with your network.

---

**NOTE** These instructions show you how to set the ESS ID for Symbol wireless network adapters.

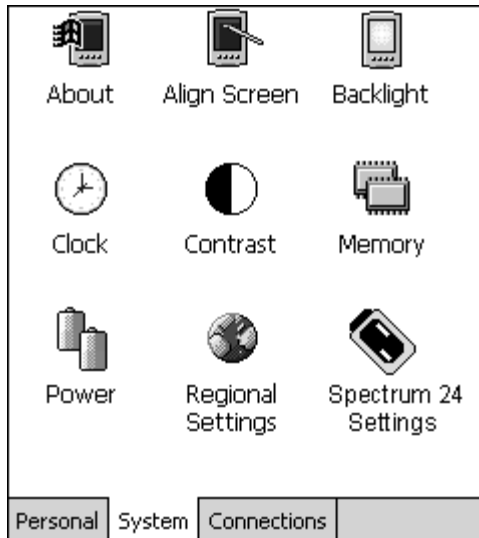
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#### *To set the ESS ID:*

- 1 From the mobile device, tap `Start` and select `Settings`.

A settings dialog box appear. This dialog box contains three tabs: Personal, System, and Connections.

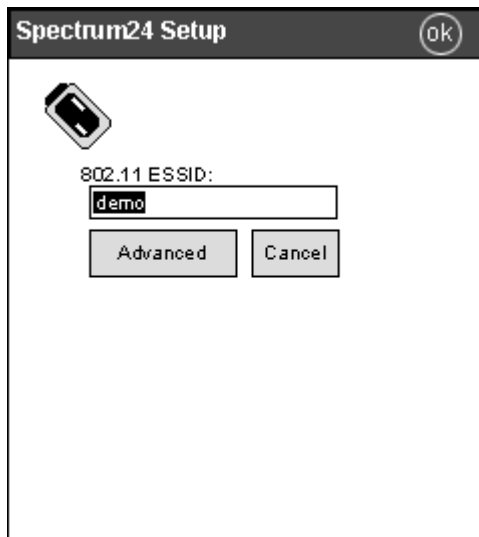
- 2 Tap the System tab.



**Figure 2.** *The System Tab of the Settings Dialog Box*

- 3 Tap the Spectrum 24 Settings icon.

The Spectrum 24 Setup dialog box appears.



**Figure 3.** *The Spectrum 24 Setup Dialog Box*

4 Type the desired ESS ID in the **802.11 ESSID** text box.

5 Tap **OK**.

## Setting the Device IP Address

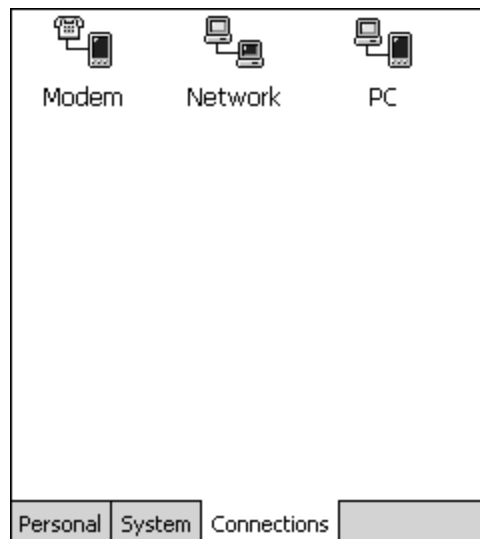
You can manually set the IP address of the Symbol 8100 Series mobile device. It is not recommended that you manually set the IP address if you use a DHCP server to assign IP addresses to network components.

### To set the IP address:

1 From the mobile device, tap **Start** and select **Settings**.

A *Settings* dialog box appear. This dialog box contains three tabs: **Personal**, **System**, and **Connections**.

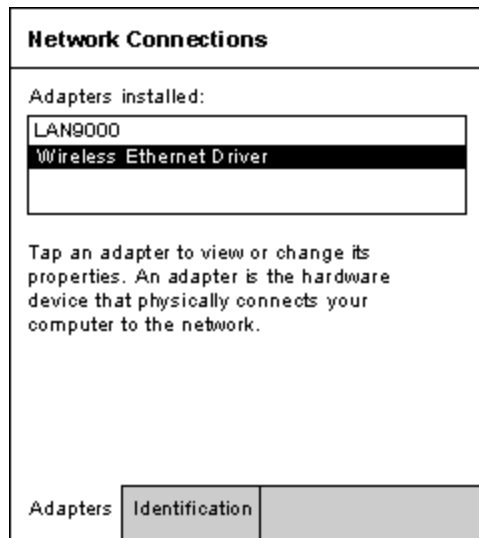
2 Tap the **Connections** tab.



**Figure 4.** *The Connections Tab of the System Settings Dialog Box*

3 Tap the **Network Adapters** icon.

A dialog box appears that allows you to select the network adapter driver you want to configure.



**Figure 5.** Example of a Network Adapters Dialog Box

- 4 Select a wireless Ethernet driver from the **Adapters Installed** list.

---

**NOTE** The specific driver you select depends on the type of drivers already installed on your mobile device.

---

- 5 Tap **Properties**.

A dialog box appears that allows you to configure different options for the adapter driver. This dialog box contains two tabs: **IP Address** and **Name Servers**.

- 6 Tap the **IP Address** tab.

A selection of IP address options appears.

**Wireless Ethernet Driver**

Use server-assigned IP address

Use specific IP address

IP address:

Subnet mask:

Default gateway:

IP Address    Name Servers   

**Figure 6.** *The IP Address Tab*

**7** Enable the **Use Specific IP Address** option.

**8** Enter the IP address for the mobile device in the **IP address** text box.

**9** Tap OK.

An *Adapters* dialog box appears, informing you that the new settings take effect when the adapter is next used.

**10** Tap OK.

**11** In the *Network Adapters* dialog box, tap OK.

**12** If you are finished configuring device settings, warm boot the Symbol 8100 device.

See *Common Boot Sequences* on page 27 for warm boot sequences.

## Setting the Subnet Mask

If you decide to manually set IP addresses for the Symbol 8100 Series mobile device, you can also set its subnet mask.



**To set the Subnet Mask:**

- 1 From the mobile device, tap *Start* and select *Settings*.

A *Settings* dialog box appear. This dialog box contains three tabs: *Personal*, *System*, and *Connections*.

- 2 Tap the *Connections* tab.
- 3 Tap the **Network Adapters** icon.

A dialog box appears that allows you to select the network adapter driver you want to configure.

- 4 Select the wireless ethernet driver from the **Adapters Installed** list.

---

**NOTE** The specific driver you select depends on the type of drivers already installed on your mobile device.

---

- 5 Tap *Properties*.

A dialog box appears that allows you to configure different options for the adapter driver. This dialog box contains two tabs: *IP Address* and *Name Servers*.

- 6 Tap the *IP Address* tab.

A selection of IP address options appears.

- 7 Make sure the **Use Specific IP Address** option is enabled.

- 8 Enter the subnet mask for the mobile device in the **Subnet Mask** text box.

- 9 Tap *OK*.

An *Adapters* dialog box appears, informing you that the new settings take effect when the adapter is next used.

- 10 Tap *OK*.

- 11 In the *Network Adapters* dialog box, tap *OK*.

- 12 If you are finished configuring device settings, warm boot the Symbol 8100 device.

See *Common Boot Sequences* on page 27 for warm boot sequences.

## Setting the Default Router

If you decide to manually set IP addresses for the Symbol 8100 Series mobile device, you can also set its default router IP address (also known as the gateway IP address).

### To set the default router:

- 1 From the mobile device, tap **Start** and select **Settings**.

A *Settings* dialog box appear. This dialog box contains three tabs: **Personal**, **System**, and **Connections**.

- 2 Tap the **Connections** tab.

- 3 Tap the **Network Adapters** icon.

A dialog box appears that allows you to select the network adapter driver you want to configure.

- 4 Select the wireless ethernet driver from the **Adapters Installed** list.

---

**NOTE** The specific driver you select depends on the type of drivers already installed on your mobile device.

---

- 5 Tap **Properties**.

A dialog box appears that allows you to configure different options for the adapter driver. This dialog box contains two tabs: **IP Address** and **Name Servers**.

- 6 Tap the **IP Address** tab.

A selection of IP address options appears.

- 7 Make sure the **Use Specific IP Address** option is enabled.

- 8 Enter the default router for the mobile device in the **Default Gateway** text box.

- 9 Tap **OK**.

An *Adapters* dialog box appears, informing you that the new settings take effect when the adapter is next used.

**10** Tap **OK**.

**11** In the *Network Adapters* dialog box, tap **OK**.

**12** If you are finished configuring device settings, warm boot the Symbol 8100 device.

See *Common Boot Sequences* on page 27 for warm boot sequences.

## Enabling DHCP

If you use a DHCP server to assign IP addresses to network components, you can configure the Symbol 8100 Series mobile device to receive its IP address from your DHCP server.

### To enable DHCP:

**1** From the mobile device, tap **Start** and select **Settings**.

A *Settings* dialog box appear. This dialog box contains three tabs: **Personal**, **System**, and **Connections**.

**2** Tap the **Connections** tab.

**3** Tap the **Network Adapters** icon.

A dialog box appears that allows you to select the network adapter driver you want to configure.

**4** Select the wireless ethernet driver from the **Adapters Installed** list.

---

**NOTE** The specific driver you select depends on the type of drivers already installed on your mobile device.

---

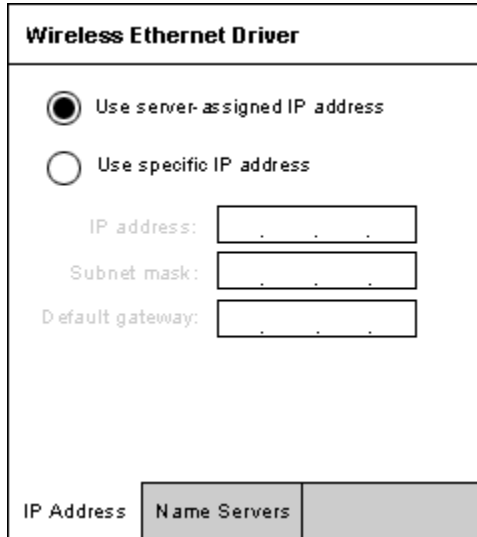
**5** Tap **Properties**.

A dialog box appears that allows you to configure different options for the adapter driver. This dialog box contains two tabs: **IP Address** and **Name Servers**.

**6** Tap the **IP Address** tab.

A selection of IP address options appears.

**7** Enable the **Use Server-Assigned IP Address** option.

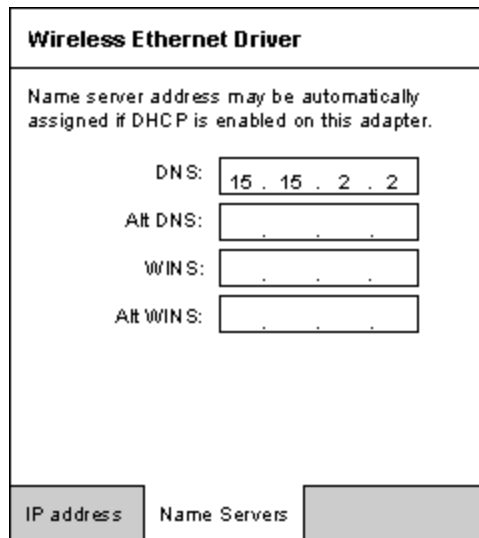


The screenshot shows a configuration window titled "Wireless Ethernet Driver". It contains two radio button options: "Use server-assigned IP address" (which is selected) and "Use specific IP address". Below these options are three input fields for "IP address:", "Subnet mask:", and "Default gateway:", each with a dotted placeholder for IP notation. At the bottom, there are three tabs: "IP Address" (which is active), "Name Servers", and a greyed-out tab.

**Figure 7.** *The IP Address Tab*

**8** Tap the Name Servers tab.

A selection of DHCP options appears.



The screenshot shows a configuration window titled "Wireless Ethernet Driver". Below the title, a note states: "Name server address may be automatically assigned if DHCP is enabled on this adapter." There are four input fields for DNS and WINS settings. The "DNS:" field contains the IP address "15 . 15 . 2 . 2". The "Alt DNS:", "WINS:", and "Alt WINS:" fields are currently empty. At the bottom of the window, there are three tabs: "IP address", "Name Servers" (which is selected), and an unlabeled tab.

**Figure 8.** *The Name Servers Tab*

**9** Enter the IP address of your DHCP server in the **DNS** text box.

**10** Tap **OK**.

An *Adapters* dialog box appears, informing you that the new settings take effect when the adapter is next used.

**11** Tap **OK**.

**12** In the *Network Adapters* dialog box, tap **OK**.

**13** If you are finished configuring device settings, warm boot the Symbol 8100 device.

See *Common Boot Sequences* on page 27 for warm boot sequences.

## Configuring the Wavelink Client

This section describes how to configure the Wavelink Client for the Symbol 8100 Series mobile device.

---

**NOTE** In the following sections, the term “host” is used to refer to the server components of Wavelink Studio.

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## Configuring Barcode Symbologies

Wavelink Studio allows you to enable and disable specific barcode symbologies either programmatically or through manual configuration on the mobile device.

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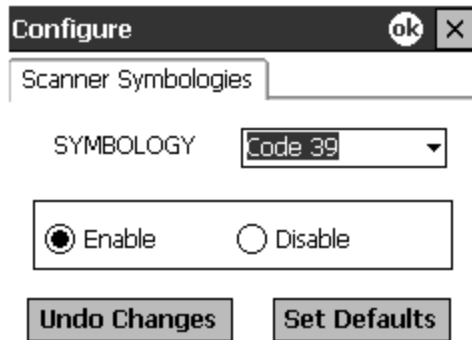
**NOTE** See the documentation for Wavelink Studio COM or Wavelink Studio EDGE to programmatically configure barcode symbologies.

---

### To manually configure a barcode symbology:

- 1 Launch the Wavelink Client
- 2 Select `Extensions > Configure` from the **Term** menu.

The following dialog box appears.



---

**Figure 9.** Barcode Symbologies

- 3 Select the symbology type from the **SYMBOLLOGY** drop-down list.
- 4 To enable scanning of the current symbology type, select `Enable`.
- 5 To disable scanning of the current symbology, select `Disable`.

- 6 If you want to restore the default settings for all barcode symbologies, tap `Set Defaults`.

## Setting the View

You can change the appearance of the icons that appear in the tabs of the Wavelink Client as needed to suit your preferences. The possible views include:

<b>Large Icon View</b>	Displays large icons. This is the default view.
<b>Small Icon View</b>	Displays small icons.
<b>List View</b>	Displays small icons in a list view.
<b>Details View</b>	Displays small icons in a column list view. This view is not fully implemented on the client, and does not currently display any additional information in the extra columns.

### To change the view:

From the Wavelink Client menubar, select `Term`, then `View`, then `<viewtype>`, where *viewtype* corresponds to one of the preceding views.

## Configuring Hosts for Studio COM Applications

This section describes how to configure host connections for use with Wavelink Studio COM applications.

---

**NOTE** The information in this section also applies to Wavelink Studio, version 3.6 and Wavelink Studio 4.1.

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**NOTE** In the following sections, the term “host” is used to refer to the Wavelink Server.

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### Host Connections

Before you can connect the device to your network, you must create a host connection. This connection provides the IP address and port number of the host system to which you want the device to connect.

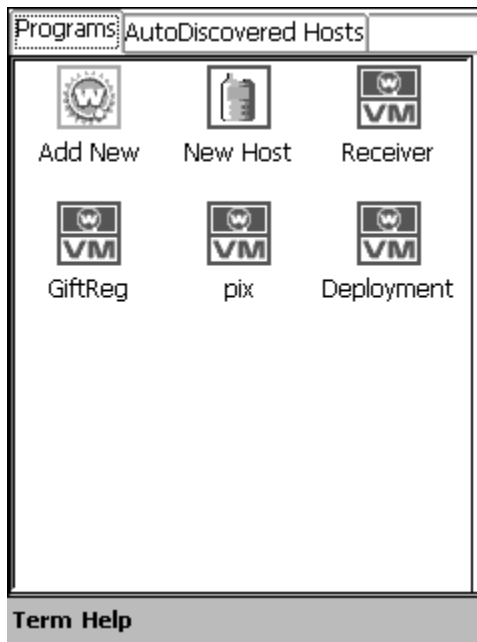
## Creating a Host Connection

You can create as many host connections as your network demands. Each connection can connect to a specific application on your network, allowing you to have multiple applications available to your mobile device users.

### To create a host connection:

- 1 Launch the Wavelink Client.

The Wavelink Programs tab appears.

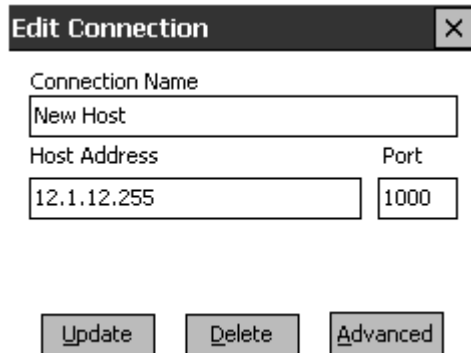


**Figure 10.** *The Programs Tab*

- 2 In the Programs tab, click the **Add New** icon.

The *Edit Connection* dialog box appears.





The image shows a dialog box titled "Edit Connection" with a close button (X) in the top right corner. Inside the dialog, there are three text input fields. The first field is labeled "Connection Name" and contains the text "New Host". The second field is labeled "Host Address" and contains the text "12.1.12.255". The third field is labeled "Port" and contains the text "1000". Below these fields, there are three buttons: "Update", "Delete", and "Advanced".

**Figure 11.** *The Edit Connection Dialog Box*

- 3 In the **Connection Name** text box, type the name for the host connection.

This name appears beneath the host icon in the Programs tab.

- 4 In the **Host Address** text box, type the address of the host to which you want the device to connect.

This value can be a name that resolves into an IP address or the "dotted quad" IP address—for example, 128.255.1.64.

- 5 In the **Port** text box, type the port number to which you want the device to connect.

- 6 Click `Update` to confirm the settings.

The Wavelink Client creates the new host connection. The name of the connection appears beneath the corresponding icon in the Programs tab.

If you want to immediately connect to a host, tap the desired host icon in the Programs tab.

### **Editing a Host Connection**

If the parameters defining a host connection change, you can edit the host connection directly on the mobile device to ensure that your users retain access to the applications they need.

#### **To edit a configured host connection:**

- 1 Launch the Wavelink Client.

The Wavelink Programs tab appears.

- 2 In the Programs tab, tap and hold the icon representing the host connection that you want to edit.

The *Edit Connection* dialog box appears (Figure 11).

- 3 Edit the host connection values.
- 4 Click `Update` to update the host connection.

### **Deleting a Host Connection**

If a host connection is no longer required for a user, you can delete the host connection from the mobile device.

#### **To delete a host connection:**

- 1 Launch the Wavelink Client.

The Wavelink Programs tab appears.

- 2 In the Programs tab, tap and hold the icon representing the host connection that you want to delete.

The *Edit Connection* dialog box appears (Figure 11).

- 3 Click `Delete` to delete the host connection.

## Using the Wavelink Client

This section contains information on using features that are specific to the Wavelink Client. The topics in this section include:

- Running Studio EDGE Applications
- Running Studio COM Applications
- Exiting the Wavelink Client

### Running Studio EDGE Applications

After compiling and deploying an application using the Studio EDGE Designer, you can run the application by launching it from the Wavelink Client. For more information about deploying Studio EDGE applications, see the *Wavelink Studio EDGE* documentation.

---

**NOTE** By default, Wavelink Studio EDGE includes a single-user demonstration license. If you are using the demonstration license and your application terminates inappropriately, you must stop and restart the server to terminate the previous session (Otherwise, the session will not expire until the session timeout period ends).

---

**To run a deployed application:**

- 1 From the mobile device, tap `Programs` from the **Start** menu.
- 2 In the window that appears, tap the **Wavelink** icon.

The Wavelink Client launches, and the Programs tab appear (see Figure 10).

- 3 Tap the icon bearing the name of the application that you want to launch.

This action launches the selected application.

---

**NOTE** If you cannot run the application, verify that the J2EE server is running.

---

**To disconnect from a Studio EDGE Application:**

You can choose to disconnect from a Studio EDGE application by tapping `Term > Disconnect` from the Wavelink Client menubar.

## Running Studio COM Applications

This section contains information on connecting to applications residing on Wavelink Studio COM servers.

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**NOTE** The information in this section also applies to Wavelink Studio, version 3.6 and 4.1.

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The applications that you can connect to include the following:

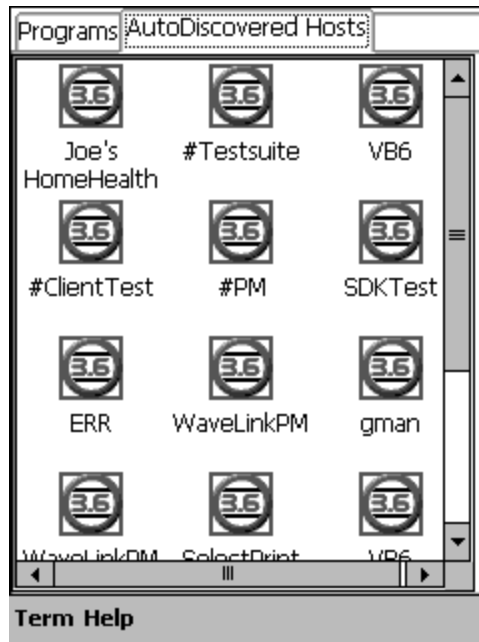
- Applications residing on manually configured hosts. See *Configuring Hosts for Studio COM Applications* on page 19 for more information.
- Applications discovered by the built-in AutoDiscovery mechanism. The Wavelink Client is fully compatible with Wavelink Studio AutoDiscovery technology. This technology allows a user to connect to applications without having to manually enter an IP address and port number of a server on the network.

**To connect to applications residing on manually configured hosts:**

In the Programs tab, tap the icon bearing the name of the host where the application resides.

**To connect to applications found through the AutoDiscovery mechanism:**

- 1 In the Wavelink Client, tap the Auto-Discovered Hosts tab, shown in Figure 12.



**Figure 12.** *The Auto-Discovered Hosts Tab*

Available applications discovered through the AutoDiscovery mechanism appear beneath this tab.

---

**NOTE** The Auto-Discovered Hosts tab is periodically unavailable. The tab is unavailable when the AutoDiscovery process is actively searching for hosts.

---

- 2 Tap the icon bearing the name of the application to which you want to connect.

This action launches the selected application.

**To disconnect from a Studio COM Application:**

You can choose to disconnect from a Studio COM application by tapping `Term > Disconnect` from the Wavelink Client menubar.

## Exiting the Wavelink Client

You can choose to exit the Wavelink Client by exiting any current application and then tapping `Term > Exit` from the Wavelink Client menubar.

## Common Boot Sequences

Table 1 shows the boot sequence for different Symbol 8100 Series devices, based on the number of keys on the keypad. .

Keypad	Keys
28-key	Backlight + Down Arrow + Function
37-key	Backlight + Alpha + Function
47-key	Backlight + End + Function

**Table 1:** Warm Boot Sequences

## External Configuration of Client Settings

The Studio Client uses a base configuration file, `WLClient.cfg`, to control the external configuration of client settings. This base configuration file is a standard text-based file that resides in the same Windows CE directory as the client executable, which is the Studio Client install directory.

The base configuration file is named `WLClient.cfg`. This file is included in all installations of the client. The following text shows an example of a `WLClient.cfg` file.

```
WavelinkDeviceID=8400
AllowExit=1
InitialFullScreen=1
HideFullScreen=0
InitialMenuHidden=0
HideMenuKey=9
Wrap=1
TCPAutoConnectSession=0
OutOfRangeString=Roaming...
ConnectOutOfRange=Out of Range
EnableLogging=1
ClearOnOpen=0
LogFileName=c:\temp\test.log
SilentMode=0
Discovery Port=0
FontName=Courier New
```

You can modify this file as needed.

### To modify settings in the configuration file:

- 1 Open the configuration file on the mobile device, located by default in `\Program Files\Wavelink Client`.
- 2 Use a text editor such as Notepad to edit settings in the configuration file.

The syntax for client settings in the configuration file is:

```
<setting>=<value>
```

where *setting* is the name of a client setting and *value* is a supported value for the specific setting.

The settings that are supported in the configuration file are as follows:



---

**NOTE** The default configuration file for a mobile device might contain a subset of the following settings, but all settings are supported on PPC devices.

---

<b>AllowExit</b>	<p>Specifies whether the exit command is available from the client menubar. This setting is enabled by default. The possible values are:</p> <ul style="list-style-type: none"><li>0 - Disabled</li><li>1 - Enabled</li></ul>
<b>ClearOnOpen</b>	<p>Specifies whether to clear the session log whenever you run the Studio Client. The default value is 1. The possible values are:</p> <ul style="list-style-type: none"><li>0 - Disabled</li><li>1 - Enabled</li></ul>
<b>ConnectOutOfRange</b>	<p>Specifies the message to appear on the client when the client attempts to connect to a host, but the device is outside of wireless network coverage. The default message is:</p> <p>You are not associated with an Access Point</p>
<b>Discovery Port</b>	<p>Specifies the type of AutoDiscovery used by the client. By default, the client uses both Wavelink Studio 3.6/3.7 and 4.1 AutoDiscovery.</p> <p>To use Studio 3.6/3.7 AutoDiscovery only, set the port value to 902.</p> <p>To use Studio 4.1 AutoDiscovery only, set the port value to any other value that matches the AutoDiscovery port on the host.</p>

<b>EnableLogging</b>	<p>Specifies whether to log all communication between the client and the host in the session log. The default value is 0. The possible values are:</p> <ul style="list-style-type: none"><li>0 - Disabled</li><li>1 - Enabled</li></ul>
<b>FontName</b>	<p>Specifies the font family for display text. The specified font must be one of the system fonts.</p> <p>Example:</p> <pre>FontName=Courier New</pre>
<b>HideFullScreen</b>	<p>Determines whether the option to toggle full screen mode appears in the client menubar. The default value is 0. The possible values are:</p> <ul style="list-style-type: none"><li>0 - Disabled (user cannot toggle full screen mode)</li><li>1 - Enabled (user can toggle full screen mode)</li></ul>
<b>HideMenuKey</b>	<p>Specifies a keypad key that—when pressed within an application—shows and hides the client menubar (including the virtual keypad). The value must be an ASCII value for the specified key.</p> <p>For example, the following entry:</p> <pre>HideMenuKey=9</pre> <p>sets the Tab key, with an ASCII value of 9, to toggle the menubar.</p>
<b>InitialFullScreen</b>	<p>Indicates whether the client starts in full screen mode. The default value is 1. The possible values are:</p> <ul style="list-style-type: none"><li>0 - Disabled</li><li>1 - Enabled</li></ul>

<b>InitialMenuHidden</b>	<p>Indicates whether the menubar and virtual keypad are available to the user within a client application. The default value is 0. The possible values are:</p> <ul style="list-style-type: none"><li>0 - Disabled (unavailable)</li><li>1 - Enabled (available)</li></ul>
<b>LogFileName</b>	<p>Specifies the complete path, including the file name, for the session log. The default value is <code>wlclient.log</code>.</p> <p>Example:</p> <p><code>LogFileName=c:\temp\test.log</code></p>
<b>OutOfRangeString</b>	<p>Specifies the message to appear on the client when the client attempts to send data to the host but is outside of wireless network coverage. The default message is:</p> <p><code>OUT OF RANGE \r\n PLEASE PRESS Cancel TO EXIT</code></p>
<b>SilentMode</b>	<p>Specifies whether to enable or disable audio capabilities on the mobile device. The default value is 0. The possible values are:</p> <ul style="list-style-type: none"><li>0 - Disables silent mode (enables audio)</li><li>1 - Enables silent mode (disables audio)</li></ul>
<b>TCPAutoConnectSession</b>	<p>Specifies whether the client automatically attempts to reconnect to the host after a connection is closed. The default value is 0. The possible values are:</p> <ul style="list-style-type: none"><li>0 - Disabled</li><li>1 - Enabled</li></ul>

**WavelinkDeviceID**

The unique identifier returned by a request for the mobile device type. These identifiers are defined by Wavelink.

**Wrap**

Specifies whether display text that exceeds the width of the screen wraps to the next line or appears truncated. The default value is 1. The possible values are:

0 - Disabled (does not wrap text)

1 - Enabled (wraps text)

# Index

## A

- ActiveSync installation 5
- AllowExit property 29
- application partition installation 5
- applications, configuring hosts for Studio 4.x 19
- applications, configuring hosts for Studio COM 19
- applications, running Studio 4.x 24
- applications, running Studio COM 24
- applications, running Studio EDGE 23

## B

- barcode symbologies 18

## C

- ClearOnOpen property 29
- configuration file 28
- configuring 8
  - barcode symbologies 18
  - client settings 28
  - default router 14
  - device IP address 10
  - DHCP 15
  - ESS ID 8
  - subnet mask 12
- configuring hosts
  - for Studio 4.x applications 19
  - for Studio COM applications 19
- connection name property 21
- connections
  - creating a host 20
  - deleting a host 22
  - editing a host 21
  - host 19
- ConnectOutOfRange property 29
- creating
  - host connections 20

## D

- default router 14
  - setting 14
- deleting a host connection 22
- device ID 32

- DHCP 15
  - setting 15
- DiscoveryPort property 29

## E

- editing host connections 21
- EnableLogging property 30
- ESS ID 8
  - setting 8
- exiting the WinCE Emulator 26
- external configuration 28

## F

- FontName property 30
- full screen mode 30

## G

- gateway IP address 14

## H

- HideFullScreen property 30
- HideMenuKey property 30
- host address property 21
- host connections 19
  - creating 20
  - deleting 22
  - editing 21
- hosts, configuring 19

## I

- InitialFullScreen property 30
- InitialMenuHidden property 31
- installing
  - getting started 5
  - requirements 5
- installing the client 5
  - using ActiveSync 5
- IP address 21
  - setting for mobile device 10

## L

- LogFileName property 31

**M**

menubar, client 31

**O**

OutOfRangeString property 31

**P**

port property 21

**R**

running

    Studio 4.x applications 24

    Studio COM applications 24

    Studio EDGE applications 23

**S**

setting the view 19

SilentMode property 31

Studio 4.x applications

    configuring hosts for 19

    running 24

Studio COM applications

    configuring hosts for 19

    running 24

Studio EDGE applications, running 23

subnet mask 12

    setting 12

symbolologies 18

**T**

TCPAutoConnectSession property 31

terminal ID

    See device ID

**U**

using

    the Wavelink Client 23

**V**

view, setting 19

virtual keypad 31

**W**

Wavelink Client

    starting 7

    using 23

Wavelink Studio

    overview 2

WavelinkDeviceID property 32

WinCE Emulator

    exiting 26

Wrap property 32