



Software Release Notes

For Wavelink Studio COM, v. 3.7

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INTRODUCTION

Wavelink Studio COM is the latest release in the Wavelink Studio product line. Wavelink Studio COM is the upgrade for Wavelink Studio 3.6. The enhancements included in Studio COM include:

- Support for Windows XP
- Updated graphics for the Studio Administrator
- Improved error handling for orphaned processes (See *Important notes about this release*)
- New ability to configure ports used for Discovery and command administration through the Registry (See *Important notes about this release*)
- Bug fixes (see BUGS FIXED)

Components Included with Studio COM, Version 3.7

The following components are included with the Studio COM installation:

- Wavelink Studio Server, version 3.7.
- COM Development Library, version 3.7.
- Virtual Client, version 1.0.1.4. This emulator runs DOS-based Studio COM applications using the local Wavelink server.

Note: To run Studio COM applications, you must load the Studio Client on the mobile device. The Studio Clients are hardware-specific and include both DOS and Windows CE devices. To download Studio Clients for a particular device, visit <http://www.wavelink.com/downloads/Default.aspx>.

Important notes about this release

1. Software Installation, Upgrades or Uninstalls

Before starting an installation or upgrade of Studio COM Designer software, always ensure that the system hosting the Wavelink Server has the following components or features:

- a. Windows 95, 98, NT 3.51, NT 4.0, 2000/XP
- b. A 486DX4 or faster processor
- c. 16 MB of physical RAM (32 MB of RAM recommended)
- d. 12 MB of available hard disk space

2. Wavelink Studio COM, Version 3.7 includes a two-user demonstration license.

The two-user demonstration license is valid for 30 days. Contact customerservice@wavelink.com to obtain additional licenses.

3. Java support is removed.

Although Wavelink Studio COM does not support Java, Java developers can use Wavelink Studio EDGE to build wireless applications. Wavelink Studio Clients support both EDGE-based and Studio COM-based applications.

4. Ports for Discovery and command communication can be configured through the Registry.

You can change the default ports used by the server when responding to client Discovery broadcasts (902) and the command port used for communication with the Administrator (900) by modifying the Registry. To modify these ports, go to the following Registry key:

`\HKEY_LOCAL_MACHINE\SOFTWARE\Point Information Network\RFMonitor`

and add new string values, "DiscoveryPort" and/or "CommandPort". The value(s) you set correspond to the new port, for example, 905.

5. Improved error handling for runaway processes.

Previously, orphaned applications resulted in a runaway process that consumed system resources and caused the system hosting the server to shut down. The library has been modified to slow down the runaway process (to avoid shutting down the host system), and then the application is forcibly terminated.

INSTALLATION OF THIS RELEASE

If you are upgrading from Wavelink Studio 3.6 to this release:

1. Shut down the services associated with Wavelink Studio 3.6.
2. Install Studio COM by overwriting the previous version.

If you are performing a new/first time Studio COM, v. 3.7 installation:

1. Locate and run the Studio COM installation file, named StudioCOM.exe.
The Install Shield Wizard dialog box appears.
2. Click Next.
The license agreement appears.
3. After reading the license agreement and agreeing to its terms, click Yes.
4. Select an installation directory.
To accept the default installation folder, C:\Program Files\Wavelink, click Next.
To navigate to a different installation folder, click Browse, and navigate to select a desired directory. Once you select a folder, click Next.
5. Select a setup type.
If you want to perform a typical installation (recommended), enable the Typical checkbox.
If you want to install a compact version of Studio COM, enable the Compact checkbox.
If you want to select specific components to install, enable the Custom checkbox, then deselect any components that you do not want to install.
6. Click Next.
7. Select the program folder for Wavelink applications.
To use the default program folder, Wavelink Studio, click Next.
To use a different program folder, type a name or select one from the list, then click Next.
8. After the installation is complete, click Finish.

BUGS FIXED IN WAVELINK STUDIO COM, V. 3.7

Problem / Symptoms	Notes
Log Viewer crashes when viewing incomplete logs.	Incomplete logs could occur when log files were manually reduced in size.
Periodic failure of a Port Monitor to automatically start when the monitor was configured to start at the same time as the Wavelink Server.	The option to automatically start the Port Monitors is in the Wavelink Studio Monitor Information dialog box.
Inactivity timeouts configured for more than 10 minutes are ignored.	