Getting Started

The Pathfinder® 6057 software development kit (SDK) helps developers write applications for the Pathfinder® 6057 printer.

The printer operates on a Microsoft® Windows-based CE platform. This manual includes the library for developers using Microsoft® Visual Studio® .NET 2005 and Microsoft® Visual Studio® .NET 2008 (for Compact Framework 3.5).

The .NET framework includes compilers for Microsoft® Visual Basic® and Microsoft® Visual C#®. This manual includes samples for both Visual Basic and Visual C#.

Review the printer information in the *Operator's Handbook*.

Audience

This manual is written for experienced Microsoft® Visual Studio® .NET 2005 and 2008 programmers who write printer applications for the Microsoft® Windows® CE 6.0 platform. These programmers should also be familiar with the LNT (Language Neutral Template.) For more information about LNT files, refer to the *SDK Programmer's Manual.*

SDK Contents

The SDK is located in the directory you specified during installation. It is divided into several sub-directories, as described below.

Sub-directory	Description
Docs	Online documentation
Include	Include files
Lib	Library files
Samples	Source code samples
Target	NetAPI.dll library
Emulation	Includes the device skins emulation images

Related Documentation
The following table describes other documentation for the printer:

Item	Description
Quick Reference	Includes basic start-up information such as supply loading, cleaning and minor troubleshooting.
Operator's Handbook	Includes information about using the printer, charging the battery, loading supplies, and more.
System Administrator's Guide	Includes information about printer diagnostics, configuring the scanner, and using scanner diagnostics.

About the Printer

There are several printer features that you must understand before you write an application, such as the speaker, memory, display, and keyboard. Speaker Applications can make the printer's speaker beep for different lengths of time and frequencies or play a .wav file. For example, you might use the speaker to bring an error to the operator's attention or to indicate a good scan. Refer to the Microsoft® Visual Studio® .NET 2005 or 2008 documentation to use the speaker.

Memory	The printer contains 256 MB of Flash memory and 128 MB of RAM. The Flash memory contains the kernel and permanent storage used for user applications.
Display	The printer has a touch screen display (with a backlight) similar to a hand held computer. Refer to the Microsoft® Visual Studio® .NET 2005 or 2008 documentation to write messages to the display. The pixel resolution of the display is 320 x 480 with an aspect ratio of 16:9.
Scanner	Each printer comes with the Symbol SE-955 bar code scanner.
Fonts	The printer uses standard Windows fonts; however, additional fonts can be downloaded to the fonts folder.
Using Non-Resident Fonts	Within your application, instantiate a new Print class such as rPrint and call a method such as Print to load the non-resident.

Transferring Files to the Printer

To transfer data files to the printer:

1. Open the folder with your data files on your computer.

2. Turn on the printer and wait for the desktop to load.

3. Connect the USB cable to your computer and printer.

4. Click Explore on the Microsoft® ActiveSync® utility after it connects to the printer. A new window appears called Mobile Device.

5. Open the destination folder for the data files on the Mobile Device (printer).

6. Drag the files from your computer to the Mobile Device folder.

To test an LNT file, save it to the Mobile Device's (printer's) **Temp\Print** folder.

To permanently save any file to the printer, save it to the **Temp\Install** folder.

Make sure supplies are loaded, you have a fully charged battery, the printer is connected to a host and ready to receive data, and you have software in the printer. Refer to your *Operator's Handbook* for more information.