



Chapter 2 Software Installation on the Development PC

Introduction

This chapter provides instructions on the installation of the development software on the development PC. One software development kit (SDK) and one network development kit (NDK) are available for developing applications to run on the PPT 41xx. These kits are:

- The PPT 41xx SDK, which includes:
 - MS DOS 5.0
 - Symbol-provided DOS Files (TSRs)
 - PCMCIA Software
 - Handwriting Recognition Software for DOS (numeric only)
 - Default Hex Image
 - Sample Code

and

- The PPT 4140 NDK for Spectrum24, which includes:
 - 4140 Terminal Network Drivers for ODI
 - Sample Code
 - LAN Workplace Protocol Stack
 - User Documentation (on diskette)

Installing the SDK

The software provided on the SDK diskette must be transferred to a PC-DOS or MS-DOS based IBM-compatible PC.

The SDK includes an automated installation utility.

To load the SDK files:

1. Insert the SDK diskette into the appropriate drive.

2. Type **<drive>: install**

This utility creates the SDK41xx default directory, decompresses the files, and loads them in the directory.

Network Development Kit (NDK)

The PPT 4140 Spectrum24 Network Development Kit (NDK) contains the network drivers, components of the LAN Workplace for DOS stacks, a protocol stack, samples, and documentation to assist you in developing network-aware applications to run on the PPT 41xx.

To develop applications for Spectrum24 for the PPT 41xx, you must install both the PPT 41xx SDK and the PPT 4140 NDK.

DOS

MS DOS 5.0, while recommended and supplied with the PPT 41xx SDK, is not required for use on the development PC. The SDK installation program loads the required MS DOS 5.0 components on the development PC used to create the hex files for download to the terminal.

Note: The copy of MS DOS 5.0 supplied in the SDK is for use on the PPT 41xx ONLY. No license is included in the PPT 41xx SDK for using MS DOS on the development PC; you must have your own valid MS DOS license for the development PC to use the SDK.

The PPT 41xx is designed to run MS DOS 5.0, and all of the programs provided by Symbol for the PPT 41xx are based on MS DOS 5.0. If you use any other version of DOS in the PPT 41xx, Symbol cannot guarantee that all of the terminal's features will function properly.