TOPDOC for SoftPLC® Demo
Version 4.5

TOPDOC is a powerful, full-featured PLC ladder logic development and documentation system. With this demo, you can use most of the TOPDOC features for programs of up to 16 rungs in size. Also included is a demo version of SoftWIRES (PLC program emulation and simulation in the computer). In addition, some sample PLC programs are included for your use.

NOTE: TOPDOC's upload/download, online functions, conversions and utility programs are not included in this demo version. However, you can create/edit programs and documentation, print reports, perform difference detection, and run simulations.

In order to use this demo your computer will need:
- ➔ Windows 95/98/NT/2000/XP
- ➔ at least 10 Mbytes available disk space

To use the demo system, you *must* install it on a hard disk; it will *not* run off the CD.

TOPDOC DEMO INSTALLATION

If your system is set up for AUTORUN, the SoftPLC CD program will automatically load for you.

- • If you do not have AUTORUN activated, you can start the installation program by selecting SETUP.EXE (found in the root directory) from the Start | Run dialog box.

From the menu, select **Install Product**, then select **Development Software**, then **TOPDOC for SoftPLC**. An install wizard will guide you through the installation process.

You'll need to know your serial number and password to install TOPDOC. To install the demo version, use **serial number 5760-00000** and **password 11111**.

After installing the program, you will need to copy some additional files specifically for the demonstration version. Using Windows Explorer, navigate to the CD drive. Then go to the \TDZ\demo\TDZ_Config_Files\ folder. Copy the files from here to your \TDZ folder on the hard drive.

Next, go the to \TDZ\demo\Demo_Program_Files\ folder on the CD. Copy all the files from here to your \TDZ\SPLC\ folder on the hard drive.

You can now remove the CD.

LOADING THE TOPDOC DEMO

Click on the TOPDOC for SoftPLC (TDZ) Icon or Choose Programs from the Windows Start Menu, choose SoftPLC and then TOPDOC for SoftPLC.

TOPDOC will start as a console mode program, which does not utilize a mouse. You can run TOPDOC in a windowed session or a full screen display. [**Alt**][**Enter**] can be used to toggle between a windowed session and full screen session.

USING THE DEMO

When you first load TOPDOC, the Main Menu is displayed. Because this is a demo version you will not be able to use the **Xfer** or **Online** options from the Main menu. You will also not be able to use the **Convert Documentation**, **Export**, or **Import** options from the Workfiles menu.

TOPDOC includes complete context sensitive online help. What this means is that you can, by pressing [**F1**] at any time, get help specific to the TOPDOC function you are currently using and/or get a list of commands that are available at that time. You can quickly get an overview of the various functions by pressing [**F1**] at each menu option to display the related help message. With the help system, you will find it easy to use this demo. Also, anytime you need to back up or abort an operation in TOPDOC, just press [**Esc**].

To select menu options, you can press the key corresponding to the first letter of the option name (eg: "**e**" for **Edit**) or by using the arrow keys to position the cursor on the option and pressing [**Enter**]. The main menu option **Edit** loads the Offline Editor. You can use all the functions in the Offline Editor. The only restriction is that your programs must be 16 rungs or less.

The **Ladder** option will load the Offline Ladder Editor. Once you're in the editor, you can press [**F10**] to display pull-down menus for each editor function, or use the [**F1**] message to help you select commands.

> **Note:** The first time you load the Ladder Editor, you will need to configure it. TOPDOC will automatically display a window for you to do so.

Since this is a demo program, you can make copies and distribute them to your associates.

Call SoftPLC Corporation sales department at 1-800-SoftPLC if you have questions.

Some Things To Try With Your TOPDOC for SoftPLC® Demo

1. When you load the Offline Editor and provide a new program name, you create a new program. To enter the first rung above the END OF PROGRAM statement, press [**Ins**][**↑**]. If other programs are loaded, you can switch between files and move or copy rungs between the various programs. Press [**F10**] to display the menu. Try each option, pressing [**F1**] when you need additional help.

2. The sample program called **1TDZDEMO** includes simple instructions, address labels and rung comments. You can also view the On-Screen Cross Reference Display. This program is a good way to take a tour of TOPDOC's Ladder, Database, Data Table, and Rung Comment editors. **1TDZDEMO** also includes pre-configured sets of non-sequential rungs and Data Watch Window lists. These are powerful troubleshooting aids.

3. On your disk is a file called **DEMORPT.PRN** : a text file containing the Ladder and Address reports for the **1TDZDEMO** program. This file has been included to give you an idea of what TOPDOC's hard-copy reports look like. You can also print reports with the demo using the main menu **Document** option.

4. The programs **1TDZDEMO** and **DIFF** are similar, but slightly different. The TOPDOC Difference Detector can be used to compare two similar programs and find differences on a rung by rung basis. You can also view the Difference Detector output on-screen using the main menu option **Workfiles**, then selecting **Diff** , or you can view the text file **DIFFRPT.DFT**.

5. **DEMO0RUN** can be used to see the Emulator in action. Load this program, press [**Alt**][**E**] or use the Ladder Editor menu options **Special** ; **Emulate File** to load the Emulator. Press [**F1**] for help on using the emulation functions, especially the Single-Stepping and Breakpoint features.

6. The programs **CONTROL** and **MODEL** are used to demonstrate full systems simulation capabilities. Select the **SoftWIRES** option, select **Environment** , then Load the **SIMULATE** environment file. Then, exit back to the SoftWIRES menu and select **Go** . This is an example of a closed-loop process simulation. The rung comments will guide you in running this simple simulation.