

PUSHCORP, INC.

AFD Windows Control Panel

Installation Guide

Installing AFD Windows Control Panel

1. Insert the AFD Windows disk into the appropriate floppy disk drive.
2. Choose the Run command from the File menu in Windows Program Manager or File Manager.
3. Type A:\INSTALL (substitute the appropriate drive letter for A: if necessary) and click OK.
4. When you run Install a dialog box appears. Enter your name, company and the serial number found on the original installation disk.
5. The default directory for installing the AFD Windows Control Panel is C:\AFDWIN. If adequate space is not available (0.5 MB), or you prefer to install the program in a different location, enter an alternate path in the Install Directory field.
6. Click Continue.
7. Another dialog box will appear displaying the progress as the installation program copies the necessary files from the floppy disk.
8. The Install program will also create a Program Manager group and icon so that you may quickly access the AFD Windows Control Panel. The Install program will then display a dialog box indicating the installation is complete. Click OK to acknowledge it.

Minimum System Requirements

Processor: 386DX

Hard Drive: 0.5 MB

RAM: 2 MB

Display: VGA

Windows Compatible Mouse

Windows 3.1 or higher

PushCorp FCU100-1 Development or FCU100-3 Embedded Controller

Running AFD Windows Control Panel

AFD Windows Control Panel runs in the Microsoft Windows™ environment and basically duplicates the all of the functions available from the front panel interface of a *PushCorp* FCU100-1 development controller. AFD Windows Control Panel provides a simple, user friendly interface to every available feature of *PushCorp* FCU100-1 Development or FCU100-3 Embedded active force device controllers.

To get AFD Windows Control Panel up and running follow these steps:

1. Connect a NULL Modem Cable between an available PC RS-232 serial port and the controller's RS-232 serial port. The FCU100-1 requires a Female DB9 type connector. The FCU100-3 requires a Female DB25 type connector. The type connector required for the PC depends on your particular computer, however, NULL Modem Cables with various connectors and adapters are readily available at any computer supply store.
2. Once the appropriate cable is connected, start the AFD Windows Control Panel program by double clicking on the Program Manager program icon created by the Install program. When the program is up and running, a window will open displaying a variety of controls and indicators. An indicator at the bottom middle of the window will display "Offline" in a gray box. This means that the program is not currently communicating with the AFD controller.
3. To enable communications, first select Communications from the Setup menu. This will bring up a dialog box where you can select the serial port to which the AFD controller is connected. Click on the appropriate port and then click the OK button to accept the choice.
4. After a moment the On-line indicator should change to green and display "Online". At this point, you can adjust the various controls to change the command force, set the unit to active, weigh the tool, or any of the other functions available.

For further information on the various controls and features, refer to the online help accessible under the Help menu or in the AFD manual.

Customization with WIN.INI

The AFD Windows Control Panel program can be customized slightly by adding or modifying the "AFDWIN" section of your WIN.INI file. In this section you can manually modify the COM port and/or the maximum force settings of the program.

The "Port" item sets the COM port which will be used by the program. If you wish to change the maximum force setting for all the program control bars from the default 20 pounds then the "MaxForce" item allows you to do this. For example the following will set the serial port to COM2 and change the maximum allowed force to +/- 100 pounds. The MaxForce item can be used to limit the force which another user can apply for safety or quality control reasons.

```
[AFDWIN]
Port=2
MaxForce=100
```

The new settings will not take effect until AFD Windows Control Panel is restarted.



AFD Windows Control Panel License Agreement

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