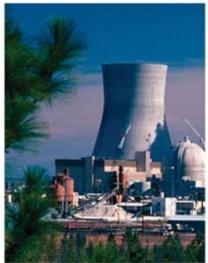
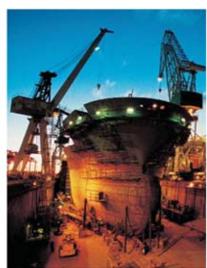
Process Data Editor *User's Guide*

Process, Power & Marine









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Preface

This user's guide describes concepts, procedures, and interface features of the Process Data Editor.

Send documentation comments or suggestions to PPMdoc@intergraph.com.

Working with Process Data Editor: An **Overview**

SmartPlant Instrumentation Process Data Editor enables an external party (contractor, engineering company, and so forth) to modify your process data sheets outside of SmartPlant Instrumentation. In Process Data Editor, you can open process data sheets and modify them as needed. You can then import these files back into SmartPlant Instrumentation for further processing.

Notes

- Before being able to use Process Data Editor, you must purchase an appropriate license and install PD LICE.
- Process Data Editor supports the file format .ipd only.
- Process Data Editor does not support process data sheets for instruments that belong to the process function General or Analyzer.

Related Topics

• Printing Common Tasks, page Error! Bookmark not defined.

Edit a Process Data File

😲 Important

- Files exported from SmartPlant Instrumentation in .ipd format can contain process data from more than one line or instrument.
- 1. On the **File** menu, click **Open**.
- 2. Navigate to the process data (.ipd) file that you want to edit, and click **Open**.

💡 Tip

- The tab labels that appear depend on whether you open a process data file for a line or for an instrument.
- 3. On the **Lines** or **Instruments** tab, do one of the following:
 - View or edit the available fields for the desired entities.
 - Click to the left of the entity that you want to edit, and then click the **Details** tab to view the data for the entity that you selected.
- 4. Click in each available field that you want to edit and do one of the following, as available:
 - Type a new entry, or edit the existing data.
 - Select a value from a list.



- You cannot edit data for fields with a gray background.
- 5. On the **File** menu, do one of the following:
 - Click Save.
 - Click **Save As**, and in the dialog box that opens type a new name, and then click **Save**.

Related Topics

• Working with Process Data Editor: An Overview, page 5

Printing

Print a Process Data Sheet

- 1. Open a process data file.
- 2. On the **Lines** or **Instruments** tab, according to the entity type that the file represents, click in the row of the entity that you want to print.
- 3. To view the process data sheet for the entity, click the **Details** tab.
- 4. On the **File** menu, click **Print**.

Related Topics

• Printing Common Tasks, page Error! Bookmark not defined.

Print Process Data Files from a Command Prompt

You can print all of the process data sheets in an .ipd file from a command prompt without opening Process Data Editor.

- 1. Access a DOS command line in one of the following ways:
 - Activate an application that offers you a command prompt option.
 - On the Windows Taskbar, click **Start** and then click **Run**.
- 2. From the command line, type the path to the Process Data Editor, type **pdeditor**, and leave a space.
- 3. Type the path, if necessary, and the name (<file name>.ipd) of the file that you want to print.
- 4. Type /**p**.

Related Topics

• Printing Common Tasks, page Error! Bookmark not defined.

Service Operations

Common Tasks

The following service operations are available:

Mark Changes on the Screen

Process Data Editor offers you various options to keep track of changes that you make in a process data sheet that you are editing. You can choose a color to mark the changes on a color monitor and you can specify a font style (bold, italic) to show the changes on a monitor and in print. For more information, see *Mark Changes on the Screen*, page 8.

Set Display Accuracy

You can set the percentage accuracy for the display of numerical data in the process data sheets that you open in Process Data Editor. For more information, see *Set Display Accuracy*, page 9.

Set the Interface Language

You can change the interface language from English to other languages supported by Process Data Editor. For more information, see *Set the Interface Language*, page 9

Related Topics

- Mark Changes on the Screen, page 8
- Set Display Accuracy, page 9
- Set the Interface Language, page 9

Mark Changes on the Screen

- 1. On the File menu, click Preferences.
- 2. On the Mark Changes tab, select Mark changes.
- 3. Under Style, select Regular, Italic, Bold, or Bold Italic.



- If you select **Regular**, you will not be able to see the changes if you print the file being edited.
- 4. From the **Color** list, select a color of your choice.
- 5. To vary the color that you selected, enter new values in the **Red**, **Green**, and **Blue** spin boxes.
- 6. Click **OK** or another tab.

Related Topics

- Service Operations Common Tasks, page 8
- Set Display Accuracy, page 9
- Set the Interface Language, page 9

Set Display Accuracy

- 1. On the File menu, click Preferences.
- 2. On the General tab, in the Numeric field accuracy list, select the required percentage accuracy for displaying data.
- 3. Click **OK** or another tab.

Notes

- This procedure determines display precision only, and does not change the accuracy of the data stored in the files that you open in Process Data Editor.
- Although the accuracy that you choose influences the number of decimal places displayed, this influence varies with the order of magnitude of the value. For example, if you select 10% accuracy, a value of 0.456789 is displayed as 0.46, and a value of 456.789 is displayed as 457. If you select 0.1% accuracy, the first value is displayed as 0.4568 and the second value as 456.8.

Related Topics

- Mark Changes on the Screen, page 8
- Service Operations Common Tasks, page 8
- Set the Interface Language, page 9

Set the Interface Language

- 1. On the File menu, click Preferences.
- 2. On the General tab, under Select language, select Enable translation.
- 3. Under Select language, select the language of your choice, and click **OK**.

- *Mark Changes on the Screen*, page 8
- Service Operations Common Tasks, page 8
- Set Display Accuracy, page 9

SmartPlant Instrumentation Process Data Editor Window

From the **Process Data Editor** window, you can open process data sheets for viewing and editing. You can also access the options for setting preferences. The window consists of the following sections:

Menu Bar — Provides access to available commands.

Toolbar — Provides access to the most common commands by clicking icons.

Editing Area — Displays data for the lines or instruments that you opened for editing. You can select either tab and edit certain data. View-only data appears with a shaded background. The editing area consists of the following tabs:

- Line Displays the list of lines in the .ipd file with data.
- **Instrument** Displays the list of instruments in the .ipd file with data.
- **Details** Displays the process data sheet for the selected line or instrument as it appears in SmartPlant Instrumentation. The data fields are the same as on the **Line** or **Instrument** tab.

Status Bar — Shows the current status or the pertinent Microhelp.

Related Topics

- Mark Changes on the Screen, page 8
- Set Display Accuracy, page 9
- Set the Interface Language, page 9
- Working with Process Data Editor: An Overview, page 5

Process Data Editor Window Menu Bar

File Menu

Open — Opens a process data sheet for editing.

Close — Closes the active file.

Save — Saves the active file, replacing the previously saved version of the same file name.

Save As — Saves the active file under a new name.

Print — Prints the current (.ipd) file. Note that the software prints the contents of the **Details** tab only for the active entity.

Printer Setup — Opens the **Printer Setup** dialog box, where you can select a printer and view the properties for the printer that you have selected.

Preferences — Opens the **Preferences** dialog box.

Exit — Exits Process Data Editor.

Window Menu

Tile Vertical — Sets all non-minimized editing windows side-by-side.

Tile Horizontal — Sets all non-minimized editing windows visible from the top to the bottom of the screen.

Layer — Sets one window filling the screen, with the others underneath.

Cascade — Sets all non-minimized windows with title-bars visible.

(File names) — Displays the names of all files that are open for editing.

Related Topics

- Edit a Process Data File, page 5
- Printing Common Tasks, page Error! Bookmark not defined.
- Process Data Editor Window Toolbar, page 11
- Service Operations Common Tasks, page 8
- SmartPlant Instrumentation Process Data Editor Window, page 10

Process Data Editor Window Toolbar

- Opens a process data sheet for editing.
- Exits Process Data Editor.
- Closes the active file.
- Saves the active file, replacing the previously saved version of the same file name.
- Prints the current (.ipd) file. Note that the software prints the contents of the **Details** tab only for the active entity.
- Pisplays context-sensitive help.

- Process Data Editor Window Menu Bar, page 10
- SmartPlant Instrumentation Process Data Editor Window, page 10

Preferences Dialog Box

General Tab

On this tab, you set the level of accuracy for display of process data sheets, specify the interface language, and set printing options.

Numeric field accuracy — Select a percentage value from this list to determine the level of accuracy for display of process data sheets. Although the accuracy that you choose influences the number of decimal places displayed, this influence varies with the order of magnitude of the value. For example, if you select 10% accuracy, a value of 0.456789 is displayed as 0.46, and a value of 456.789 is displayed as 457. If you select 0.1% accuracy, the first value is displayed as 0.4568 and the second value as 456.8.

Enable translation — Select to allow an interface other than English.

Select language (available if you selected **Enable translation**) — Select an interface language.

Update shared data for all cases — The options in the list determine whether to allow updating of changed shared data values from the current case in all other tag cases.

- **Always** Always updates the modified values of the shared data, without prompting.
- Never Leaves the previous values of the shared data in all the cases.
- **Ask user** Prompts you whether to update the shared data.

- Mark Changes Tab (Preferences Dialog Box), page 13
- Set Display Accuracy, page 9
- Set the Interface Language, page 9

Mark Changes Tab

On this tab, you set font style and color for indicating changes on process data sheets that you open in Process Data Editor. If you choose a font style other than **Regular**, the software also shows the changes when you print the current sheet. Each time that you save and reopen a file, only new changes are marked.

Mark changes — Select to mark changes in the current process data sheet.

Color — Marks changes on the screen, but not in printed reports. Select a predefined color or **Custom**.

Style — To display changes on the screen and in the printout, select Regular, Italic, **Bold**, or **Bold Italic** as the font style.

Example — Displays a sample sentence in the font style and color that you select.

Custom color — If in the Color box you selected **Custom**, these three spin boxes allow you to enter a value between 0 and 255 for each of the primary colors. If you selected a predefined color, the boxes display the RGB (red, green, blue) component values of this color.

- General Tab (Preferences Dialog Box), page 12
- Mark Changes on the Screen, page 8

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