

File Processing Agent

Installation and Setup Guide

Perceptive Content, Version: 7.1.x

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Table of Contents

Overview	4
Install File Processing Agent	4
Download the File Processing Agent files	4
Run the File Processing Agent installation wizard	5
Configure the File Processing Agent service	6
Appendix: Server Configuration Files	7
inserverFP.ini	7
Index	10

Overview

Perceptive Content File Processing Agent manages the background file processing operation for flattening Perceptive Content forms. Using the Perceptive Content File Processing Agent, you can create automated system queues in your workflow that convert a form from an HTML to a TIFF output without requiring customization or scripting. You can define an unlimited number of form sets within a conversion ASQ. The system appends the created TIFF form to the document as a new page. The TIFF page allows annotations, digital signatures, emailing, and exporting.

For product technical specifications and system requirements, refer to the *Product Technical Specifications* for your product version.

Note Before you use File Processing Agent to convert a form, ensure that you thoroughly test all aspects of the form, particularly forms that utilize JavaScript.

Install File Processing Agent

The following sections explain how to install File Processing Agent. Complete the procedures in order.

- Download the appropriate files.
- Run the installation wizard.
- Turn off data execution prevention for File Processing Agent.

Download the File Processing Agent files

In the following steps, you download the product installer and readme files for File Processing Agent.

1. Go to the Perceptive Software website at www.perceptivesoftware.com and log in to the Customer Portal.
2. In the Product Downloads page, search for all downloadable items for the specific product and version you want to use. These files may include a product installer, product documentation, or set of supporting files.
3. Download the relevant files to a temporary directory on your computer.

Run the File Processing Agent installation wizard

The installation wizard pages prompt you for the information it needs to install File Processing Agent.

1. Double-click the EXE file you downloaded.
2. In the **Welcome to the Installation Wizard for Perceptive Content File Processing Agent** page, click **Next**.
3. On the **License Agreement** page, review the terms in the license agreement, scroll to the end of the agreement, click **I accept the terms in the license agreement**, and then click **Next**.
4. In the **Installation Location** page, select one of the following options and click **Next**.
 - If you are installing on the Perceptive Content Server computer, select **Local installation**.
 - If you are installing on a different computer, select **Remote installation**.

5. In the **Perceptive Content Server Information** page, under **Perceptive Content Server**, type or confirm the **Server IP** and **Port Number** for the Perceptive Content Server computer. Under **Additional Configuration**, type or confirm the **Initial instance name** and click **Next**.

Note The instance name allows for multiple instances of the same agent or server to run in parallel in an active-active environment. You can enter a maximum of 40 characters, and the following characters are invalid: \ / : * ? " < > |.

6. In the **Destination Folder** page, accept the default folder or browse and select another folder and click **Next**.
7. In the **Ready to Install the Program** page, click **Install**.

Configure the File Processing Agent service

The following steps explain how to set initialization values for the File Processing Agent service.

1. In the **[drive:]inserver\etc** folder, locate the **inserverFP.ini** file and open it in a text editor.
2. Under **[General]**, set **min.width** to the number of pixels that determines the minimum width of your TIFF form output.
3. Optional. Under **[Logging]**, set debug levels for auditing or troubleshooting. The default is 0 (no logging). Unless you are debugging an issue, set minimal logging.
4. To set up File Processing Agent to be remotable, under **[Remote]**, configure the remote settings with the IP address or name and the port number for the Perceptive Content Server.
5. Save and close the file and restart the File Processing Agent service by completing the following substeps:
 1. Open the **Computer Management** dialog box.
 - For Windows7 version: From the **Start** menu, right-click **Computer** and select **Manage**.
 - For other Windows versions: On the Windows Desktop, right-click the **My Computer** shortcut and select **Manage**.
 2. In the **Computer Management** dialog box, click **Services and Applications**.
 3. Click **Services**.
 4. In the right pane, locate and select the service titled **Perceptive Content File Processing Agent**. In the upper left-hand corner of the right pane, click **Start**.

Appendix: Server Configuration Files

This section describes the settings you configure in INI files that are associated with the File Processing installation and setup. They are listed in alphabetical order for quick reference.

inserverFP.ini

The following table provides definitions and sample data for the settings in the inserverFP.ini configuration file. This table displays the INI settings under group headings in brackets, for example, [General], in the order the groups appear in the INI file. Each setting offers two or more options, which appear in the table below along with a description of each setting and its options. Use this table as a guide when customizing the file.

Group	Setting	Options	Description
General	min.width	Any integer	Specifies the number of pixels that determines the minimum width for a TIFF form output. The default is 800.
	script.timeout	Any positive integer	Specifies the amount of time, in milliseconds, File Processing Agent waits to load the form when JavaScript is enabled. The default is 1000.
	remove.old.service	1 0	Specifies whether Perceptive Content File Processing Agent removes old services. 1 = Perceptive Content File Processing Agent removes services. 0 = Perceptive Content File Processing Agent does not remove services. The default is 0.
Logging	debug.level.file	0 through 6	Specifies the level File Processing Agent uses to log errors for troubleshooting. Set minimal logging unless you are debugging an issue. If you increase the logging, make sure that you set the logging level back down after you finish debugging. Failure to do so can greatly affect performance and hard disk space. 0 = Logging is off. 1 through 6 = Logging is on. The higher the number, the more verbose the logging. For example, 1 offers minimal logging, whereas 6 returns the most information. The default is 0.

Group	Setting	Options	Description
	socket.level.file	0, 1	Specifies whether to log communication between Perceptive Content Server and File Processing Agent. 1 = File Processing Agent logs communication. 0 = File Processing Agent does not log communication. The default is 0.
Remote	heartbeat.interval	Any positive integer	Specifies how many seconds File Processing Agent continues the connection to Perceptive Content Server. The default is 60.
	socket.login.timeout	Any positive integer	Specifies how many seconds File Processing Agent waits for successful login before terminating the connection. The default is 60. Note Do not change this value without first consulting Perceptive Software Product Support.
	socket.default.timeout	Any positive integer	Specifies how many seconds File Processing Agent waits for APIs. To override this setting for an individual Perceptive Content Client, add this setting to the Remote group in imagenow.ini and restart the client. The default is 60. Note Do not change this value without first consulting Perceptive Software Product Support.
	server.ip.address	Any valid IP address	Specifies the IP address of Perceptive Content Server. The default value is 127.0.0.1
	server.ip.port	Any valid IP port	Specifies the port number of the Perceptive Content Server. The default value is 6000

Group	Setting	Options	Description
	force.server.validation	1, 0	Specifies whether File Processing Agent forces the server to validate the user ID and password. 1 = File Processing Agent forces the server to validate user ID and password. 0 = File Processing Agent does not force the server to validate user ID and password. The default is 0. Note Do not change this value without first consulting Perceptive Software Product Support. The default value is 0.
	reconnect.interval	Any positive integer	Specifies how many seconds File Processing Agent continues to try to reconnect to Perceptive Content Server after a lost connection. The default is 60.

Index

about File Processing Agent	4	setting up	6
downloading the File Processing Agent files	4	Installing File Processing Agent.....	4
File Processing Agent		running the File Processing Agent installation	
		wizard	5