



JetTrac PCL2PDF™
Installation Guide
User Guide

Version History

Date	Version	Notes
November 14, 2007	1.21	Full PDF security options supported.
June 7, 2007	1.11	Initial release of JetTrac PCL2PDF. Converts PCL files to PDF files with password to open security.

JetTrac PCL2PDF™ Installation Guide and User Guide

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TABLE OF CONTENTS

1.0	INTRODUCTION	4
1.1	PURPOSE	4
1.2	BACKGROUND	4
1.3	ORGANIZATION OF THIS DOCUMENT.....	4
1.4	TECHNICAL SUPPORT	4
1.5	ADOBE/JETFORM NOTE	4
2.0	INSTALLATION AND CONFIGURATION OF JETTRAC PCL2PDF™	5
2.1	INSTALLING JAVA	5
2.2	INSTALLING JETTRAC PCL2PDF.....	5
2.3	THE JETTRAC PCL2PDF COMMAND LINE.....	5
2.4	PDF ENCRYPTION	5
2.5	THE JETTRAC PCL2PDF LICENSE FILE	6
2.6	CONFIGURING THE JOB MANAGEMENT DATABASE.....	7

1.0 INTRODUCTION

1.1 Purpose

This document is a guide to installing, configuring and using the JetTrac PCL2PDF™ Custom Agent. This document includes detailed instructions for installation and configuration in the Central Job Management Database.

1.2 Background

JetTrac PCL2PDF™ converts PCL files to PDF files.

JetTrac PCL2PDF™ is currently only supported on Windows platforms.

1.3 Organization of this Document

Section 1: Introduction

Section 2: Installation and Configuration Procedures for JetTrac PCL2PDF™

Section 3: Running JetTrac PCL2PDF™

1.4 Technical Support

If you need assistance in installing and configuring JetTrac PCL2PDF™, call Pro Technology Automation, Inc. at 805-527-1248 or email us at support@protechinc.com. Please note that the JetTrac PCL2PDF™ license fee does not cover configuration services and technical support so there may be an additional charge. Please ensure you read these instructions carefully before calling for technical support.

1.5 Adobe/JetForm Note

Though this document says “Central” throughout, it applies the same to all versions of JetForm Central, and Adobe Central Output Server.

2.0 INSTALLATION AND CONFIGURATION OF JETTRAC PCL2PDF™

2.1 Installing Java

Refer to the document *JetTrac Java and Licensing Considerations* for installing the Java Runtime Environment (Java or Java Runtime Environment or JRE) and generating a site code for your site. It is available on the web at www.protechinc.com on the JetTrac page. If installing on a Windows platform, we highly recommend you use at least version 1.3.0 of the JRE (1.4 - 1.6 should work fine), though in some cases, other versions will work. Contact us for further questions.

2.2 Installing JetTrac PCL2PDF

After the JRE is installed, you are ready to proceed to the JetTrac PCL2PDF files themselves. The files you need are:

<u>Filename</u>	<u>Description</u>
JTPCL2PDF.jar	JetTrac PCL2PDF executable program file (java)
JTPCL2PDF.ini	JetTrac PCL2PDF INI file
Run JTPCL2PDF.bat	Sample DOS batch file to test JTPCL2PDF
PCL2PDF.lic	JetTrac PCL2PDF license key file (only obtained from Pro Technology)
JetTracPCL2PDFUserGuide.pdf	this document
sview.exe	SwiftConvert Engine (required)

2.3 The JetTrac PCL2PDF Command Line

JetTrac PCL2PDF is a Java program and must be run from within the Java Runtime Environment. Assuming that you already have Java installed on your system, the format of the command line is:

```
java -jar -DJETTRACLF=[path to license file] [path to PCL2PDF.jar] [input pcl] [output pdf]
[log file] [pdf security options]
```

A sample is:

```
java -jar -DJETTRACLF=c:\JetTrac\PCL2PDF.lic c:\JetTrac\JTPCL2PDF.jar test.pcl test.pdf
jfserver.log -sophob
```

Section 2.6 will instruct you how to implement this command line for use with Central.

2.4 PDF Encryption

JetTrac PCL2PDF has the ability to encrypt the PDF that it generates and require a password to use the PDF. It also has the ability to restrict what the user can do with the file. These are called PDF permissions.

In order for the encryption to work, you first need to download and install the encryption module. You can download this module at

<http://www.jettrac.com/download/JetTracPCL2PDFEncryptionModuleInstall.exe>

Then simply run this to install the module and be ready for encryption.

PDF Security Commands

Open password

-sop To force the user to enter a password to open and view the PDF file, use the command line option `-sop[open password]`

PDF Permissions

-spp To limit what permissions the user can do with the file, first you must give a master password for all permissions. To do so, use the command line option `-spp[permissions password]`

-sapNo With the permissions password set, you can decide to allow the user to be able to print the PDF file, or not allow it. To not allow printing, use the command `-sapNo`.

-samNo With the permissions password set, you can decide to not allow the user to be able to modify the PDF file, or not allow it. To not allow modification, use the command `-samNo`.

-sacNo With the permissions password set, you can decide to not allow the user to be able to copy text, images, or other items, including no extracting pages out of the PDF file. To not allow copying text, image, or other items, including not extracting pages from the PDF, use the command `-sacNo`.

-saaNo With the permissions password set, you can decide to not allow the user to be able to annotate or add comments to the PDF file. To not allow annotating nor adding comments, use the command `-saaNo`.

2.5 The JetTrac PCL2PDF License File

As with all JetTrac products, JetTrac PCL2PDF is protected from piracy by the JetTrac License Manager system. This system locks JetTrac PCL2PDF for use exclusively to one server or system in your organization. It works in this manner:

1. You run JetTrac SiteCode on your computer and generate a unique site code file for your system.
2. You send that site code file to Pro Technology Automation.
3. Pro Technology uses your site code file to generate a product license key file.
4. Pro Technology sends the product license key file back to you.
5. When JetTrac PCL2PDF runs, it scans the system and compares the tokens it finds with the tokens found in the license key file, and if they match, it runs normally.

Refer to the document *JetTrac Java and Licensing Considerations* for further information.

2.6 Configuring the Job Management Database

To add the JetTrac PCL2PDF custom agent in Central Control for Windows platforms:

1. Start Central Control by clicking Start, Programs, Adobe, Central Control (may be slightly different for your installation).
2. Add a new Task by clicking on File, Job Management Database, Tasks.
3. Create a new task by clicking New Task. Set up the Task Definition with the following information:

Task ID:	JTPCL2PDF
Program name:	java -jar c:\JetTrac\JTPCL2PDF\JTPCL2PDF.jar
Program options:	@InFile @OtherJobTokens @LogFileName
Comment:	JetTrac PCL2PDF by Pro Technology

Often, you would add **@OtherJobTokens** if that is how you are passing the variable information. Otherwise, you could use a static value for the name of the pdf file, but it will be overwritten with each document.

4. Click OK to save the Task Definition. Close out of the Task Definition window.
5. Now you must create a job step that calls the JetTrac PCL2PDF task. This would be one of the job steps in the complete job you are setting up.

If, for instance there is a job that runs a JFTrans step and then a JFMerge, then we would run JetTrac PCL2PDF would run after the JFMerge step. The idea is that the JFMerge step would produce the PCL file that JetTrac PCL2PDF would then process into a PDF.

From the main screen of Central Control, click File, Job Management Database, Jobs. You will get a list of all jobs you have set up in Central. We will assume that you already have a job set up and you are adding a PCL to PDF step. Open that Job, click on the line after the jfmerge step and then click “New Step”. The New Job Step screen will appear. Following are the fields that you need to fill in:

Task ID – from the drop down list, select JTPCL2PDF

Input File – the value that goes here would be a single letter which is the output from the previous job step. If your current job had two steps, JFTRANS and JFMERGE, then change the output from JFMERGE step to “B”. For the JetTrac PCL2PDF step, set the input file to “B” If you have questions about how this works, contact your Central support person.

Output file – leave this as *

On Error – Select S to Stop the Job if there is an error in JetTrac PCL2PDF

Form File – this field would contain the fully qualified INI filename that you have set up for JetTrac PCL2PDF, e.g. c:\jfsrvr\CustomAgents\JTPCL2PDF\JTPCL2PDF.ini

Preamble file – This should be * Delete whatever else might appear here.

Printer Name – leave it as *

Macro Number – leave it at 1

Load Flag – leave it at T

Comments – type in a description like “Creates PDF from PCL”

6. Close all windows, get back to the main Central Control screen and update the Job Management Database by clicking on Control, Reload Job Management DB. When asked if you want to save changes to the Job Management Database, click Yes.