

Software components

Prinerger is a client/server system that includes the Workshop client software and several server software components.

Client software, Workshop

Workshop is the main interface in a Prinerger system. It is the main way that you interact with the Prinerger system by creating jobs, triggering processes, and so on.

Workshop is installed on all client computers, the primary server, and each secondary server. Even if your Prinerger system includes only one server, you should have at least one client computer to run Workshop.

Workshop software is primarily written in the Sun Java language, a platform-independent language that enables Workshop to run and look the same on both Mac OS and Windows operating systems. Java software runs on top of a Java Virtual Machine (VM) that provides the interface between application software and the operating system. The VM for Mac OS X is Apple Macintosh Runtime for Java (MRJ), and the VM for Windows is Java Runtime Environment (JRE).

Server Software

The server software side of a Prinerger system is called Prinerger Server. It includes several components, which can be installed on multiple servers.

These components are installed on all primary and secondary servers.

Software	Purpose
Prinerger Administrator (UADM.exe)	Acts as the user interface for Prinerger Server software. It is where you control Prinerger Server software and the Prinerger system.
JTPs (multiple)	Process PDF files and their contents—for example, trapping.
Daemons (multiple)	Execute processing that is unrelated to PDF files—for example, job ticket creation, job status and history, imposition, and input file registration.
Araxi Service (Araxi.exe)	Launches core processes when the server starts.

These components are installed only on the primary server:

Software	Purpose
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Oracle software (Oracle.exe) and database	Stores job information, including file attributes, history information, and pointers to input files—but doesn't store file content
Oracle Backup Manager	Backs up the system drive and database to disk or cloud.
Prinerger Archiver	Archives Prinerger jobs (includes archive-related JTPs and Windows RSM)
Prinerger Backup	Backs up the database to disk
Adobe Reader	Enables you to view PDF files, which are the internal file type of the Prinerger system
AppleTalk Font Downloader	Enable you to download and install fonts (mainly used in Asia)—see the note below this table
Kodak Harmony	Legacy dot gain curve management
Prinerger DotShop Composer	Enables you to edit a Screen Instance File (SIF) to define the screen instances supported by your system and used by Prinerger DotShop
ColorFlow	Delivers color relationship management that unifies color control elements—such as ICC profiles, DeviceLink profiles, and calibration curves—and manages the relationships between color control elements and device print conditions. Specifically, ColorFlow simplifies the process of setting up color and ensuring that Prinerger jobs are processed using the correct color settings. ColorFlow can also be used solely for tonal calibration, without using color relationship management. ColorFlow offers advantages over Harmony for tonal calibration, such as the ability to perform gray balance compensation, and the ability to perform tonal adjustments on the fly in output process templates, without having to activate an application to edit and save an existing curve.

Some Prinerger servers also have companion software, such as Kodak Print Console or Kodak InSite.

Important: Never install unauthorized software on your Prinerger system.

How the client and server interact

Each time that you perform an action on a job in Prinerger client software (Workshop):

1. The client software asks Prinergy Server to perform the action—for example, to normalize PostScript input files.
2. Prinergy Server creates a job ticket for the requested action.
3. For each step in the job ticket:
 - a. Prinergy Server software sends the job ticket to the JTP on the appropriate server.
 - b. The JTP performs the steps defined in the job ticket.
 - c. The JTP reports back to Prinergy Server software.
4. When the action is complete, Prinergy Server software updates the client software and the database to reflect the current status of the job and related files, including any new system files in the job folder.