

Xerox® FreeFlow Process Manager®

Automate prepress
for a touchless workflow.



Do more in less time. Automatically.

FreeFlow Process Manager® automates labour-intensive prepress activities and improves production productivity by efficiently processing up to thousands of incoming jobs without operator intervention. The latest process improvements and enhancements built into version 9.0 will help you even more to complete jobs in less time, reduce costs and assure consistent quality, print after print.

Productivity comes standard.

Process Manager creates efficiencies by automating prepress steps – not eliminating them. With Process Manager 9.0, we've added major performance improvements, such as:

- An Accelerated Job Processing mode that improves performance 4x over FreeFlow® 8.0 and eliminates the need to resubmit from certain prepress functions in the workflow
- Changes to Job Scheduling to improve “first job out” performance

Process more jobs. Watch your business grow.

FreeFlow Process Manager enables automation from the simplest workflows to multifaceted integrations, saving you time and money. It covers simple tasks, like preflighting, converting to PDF and imposing, to more advanced ones such as integrating with your upstream order management system. Process Manager 9.0 offers you even more ways to automate and keep track of your jobs, with:

- Three new process nodes: Page Insert, Page Delete and Page Duplicate
- Page Ranges with support for negative page number values
- The Join node which supports adding bookmarks to PDFs and indicates which pages in the joined PDF came from which files
- Imposition enhancements that now support exporting inward creep and Max N-up auto-orientation
- A Save Process node that lets you save preflight reports with your job
- Support for new workflow variables that work with both manifests (matching current functionality) and JDF tickets
- An External Process node that can export and accept an XPIF ticket, so every job that is sent out returns with both XPIF ticket and PDF, enabling customisation on the fly

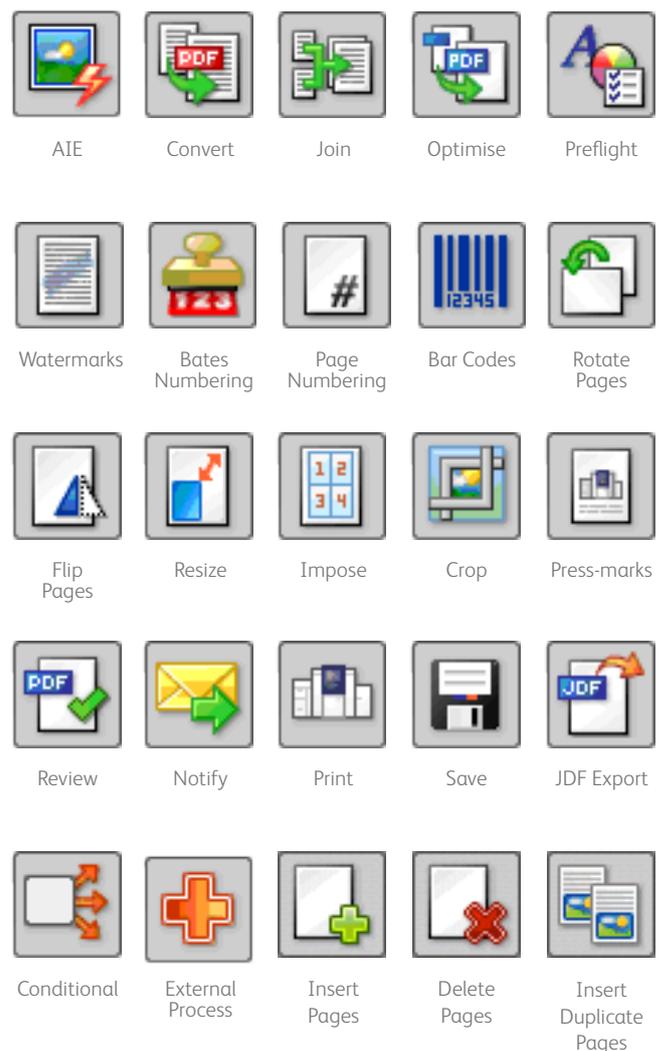
Jumpstart your workflow.

Process Manager's Easy Start workflows are enhanced in version 9.0. The 11 Easy Start workflows include:

- Use of new FreeFlow Process Manager process nodes
- Manifest Samples from Digilabs, OminiPub, Pageflex, WebCRD, etc.
- JDF Samples from Adobe CS4 and FreeFlow Web Services
- A dynamic workflow example
- Documentation in PDF format that describes each workflow, how to use it and its benefits to you

This self-monitoring and self-maintaining software helps ensure smooth and continuous operations in your facility. It can be combined with other FreeFlow products to form a completely automated workflow from job submission through fulfillment in both digital and offset environments.

Over 20 pre-configured prepress functions.



Take your production workflow to the MAX.

Ready for a higher level of automation? With Process Manager 9.0, you can connect your order management and/or Web-to-Print system to your prepress operations. FreeFlow Process Manager 9.0 MAX (Manifest Automation from Xerox) delivers improved manifest performance when submitting to workflows with a large number of Print Process nodes. It is a configurable interface that enables integration with upstream systems to create a highly efficient automated job submission. If you have a system that tracks orders and jobs, typically there is a database storing job and order information. A report from this can be integrated so that orders automatically get passed to Process Manager.

The result is error-free submission of a very large number of jobs in a short time, without operator involvement. Plus, it allows you to include production information on individual jobs to make your post-print operations more efficient. Since it handles the challenges of processing your orders, you can automatically take on more jobs and get them out the door faster than ever before.

Its easy-to-use user interface enables quick manual submission of manifest data for short-run efficiency and profitability. Its number of supported manifest configurations has been increased to 30. Plus, MAX CSV file supports up to a maximum of 100 columns.

Perhaps the best of all, MAX is included at no charge with your purchase of FreeFlow Process Manager. So with the help of Xerox Professional Services, you can implement this level of automation now or in the future. What could be better than that?

Scalable automation: from simple workflows to multifaceted integrations.

With FreeFlow Process Manager®, you have a workflow solution that can be used in many ways – and that can grow with you as you increasingly grow and automate your business. Because it's scalable, you can enable your automated workflow in the way that makes sense for your business today, while keeping the door open to a higher level of automation tomorrow.

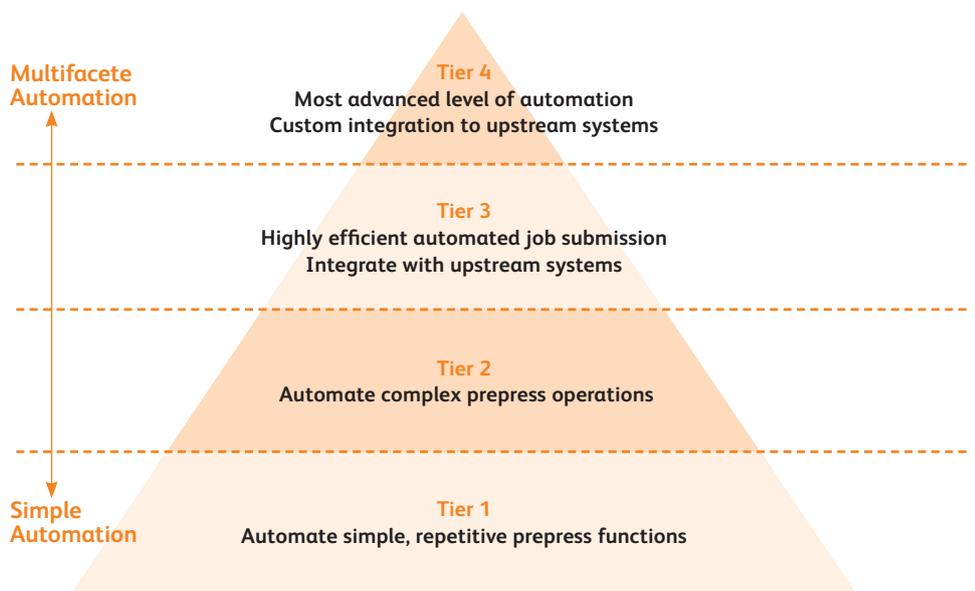
One way to look at this capability is through tiers of automation. Each tier allows for a different level of automation – from automating simple repetitive tasks to more complex or multifaceted integrations – yielding a proportionate level of return on investment. Overall, FreeFlow Process Manager offers a productivity-building proposition that can save you time while reducing your costs and manual prepress errors.

Tier 1: Allow for **basic automation** to free up your prepress operator's time from those essential, repetitive steps that take up way too much time in prepping a job for print. No more delays or bottlenecks in prepress. Automation can ensure that jobs are continually being sent to print and promptly meeting turnaround times. Over 20 prepress operations, such as preflight of jobs, converting to PDF, and imposition can be handled automatically.

Tier 2: Reduce the amount of time spent on those **more complex tasks** in prepress by automating prepress operations and the operator's decisions on how a job should be processed. For example, decisions can be made based upon the job's size, orientation, number of pages and many other characteristics, all automatically. Imagine how many more jobs can be completed and how much more productive your prepress operations can become.

Tier 3: For those interested in **automating order entry** into prepress and being able to handle hundreds of jobs a day, submitted error-free. With MAX, you can take on jobs that were previously impossible or logistically infeasible to orchestrate.

Tier 4: Provides the **most advanced level of automation** where straight-line integrations were not previously available. Custom solutions through the use of MAX allow Process Manager to consume data from virtually any upstream system – allowing for a truly touchless system.



Xerox® FreeFlow Process Manager® Specifications

Base Hardware Configuration

Minimum required hardware configuration. Recommended for simple applications such as brochures, newsletters, and business cards

- Processor: Dual-core Intel® Xeon® 2.66 GHz, 1333 FSB, 4MB L2 cache equivalent or better (AMD™ equivalent processors may be substituted)
- System Memory: 3GB
- Hard Drive:*
 - Disk 1 (Drive C): 73GB SCSI/SAS-15K RPM – Single Partition (System Files/OS)
 - Disk 2 (Drive D): 300GB SCSI/SAS-15K RPM – Single Partition (FreeFlow® application)
 - Disk 2 capacity depends on application and storage space requirements
- Ethernet Capability: 100/1000 MB/sec
- Display: CRT or LCD Monitor
- Input Devices: Keyboard and Mouse
- Peripheral Devices: DVD Drive
- Backup storage device recommended

Software may be installed in a virtual environment. The virtual environment must be configured to meet the same hardware configuration and performance as the standard environment.

*Alternate disk configurations may be used as long as they provide equivalent or better performance.

Enhanced Hardware Configuration

Recommended for high-volume, more complex projects, as well as for integrating with Web Services or MIS systems via MAX (Manifest Automation from Xerox)

- Processor:
 - Two Dual-core Intel® Xeon® 3.33 GHz, 1333 FSB, 6MB L2 cache equivalent or better
 - Quad-core Intel® Xeon® 3.33 GHz, 1333 FSB, 2X6MB L2 cache equivalent or better
 - AMD™ equivalent processors may be substituted
- System Memory: 4 GB
- Hard Drive:*
 - Disk 1 (Drive C): 73GB SCSI/SAS-15K RPM – Single Partition (System Files/OS)
 - Disks 2 and 3 (Drive D): 300GB SCSI/SAS-15K RPM – Single 600GB RAID 0 Partition (FreeFlow® Application/Temp Files)
 - Disk 2 and 3 RAID capacity depends on application and storage space requirements
- Ethernet Capability: 100/1000 MB/sec
- Display: CRT or LCD Monitor
- Input Devices: Keyboard and Mouse
- Peripheral Devices: DVD Drive
- Backup storage device recommended

*Alternate disk configurations may be used as long as they provide equivalent or better performance.

Software Components

The following represents the supported software components that the customer procured and installed

- Operating System:
 - Microsoft® Windows® Server 2003 R2 Standard Edition (32-bit) SP2
 - Microsoft® Windows® Server 2003 Standard Edition (32-bit) SP2
 - Microsoft® Windows® Server 2008 Standard Edition (32-bit) SP2
 - .NET 3.5 SP1 or higher must be installed prior to installation
 - IIS6 or IIS7 with V6 compatibility mode enabled must be installed to use RMS connectivity
- Optional Application Software:
 - Microsoft® Office 2003 (Word, Excel®, PowerPoint®, Publisher); Microsoft® Office 2007 (Word, Excel®, PowerPoint®, Publisher)
 - Kodak® Preps v5.3.3

New Xerox® Products Supported

- Xerox® Colour 550/560 Printer – quad staple for left and right portrait; orientation attribute
- Xerox® Colour 800/1000 Press – clear coat; quad staple; new media types; orientation attribute
- Xerox® iGen4® 90/110 Press – maximum customer stock width to 660 mm; black overprint
- Xerox® iGen4 Perfecting Press – maximum customer stock width to 660 mm

The power of Xerox® FreeFlow®.

Fewer touches. Great productivity. The Xerox® FreeFlow Digital Workflow Collection can help you automate to save time and reduce costs for every job – from point of entry to final delivery. Whether you use one of these products or integrate several to meet your specific workflow needs, FreeFlow solutions help you connect with your customers, reduce costs and enable new applications.

Orders come in through your current system or the 24/7 Web portal enabled through **FreeFlow Web Services**.

Immediately, they're processed through **FreeFlow Process Manager**, which automatically handles preflight, imposition, scripting and more.

FreeFlow Express to Print supports the full line of Xerox® production printers providing a simple tool for submission, ticketing and previewing jobs.

Jobs can also be prepared with our robust **FreeFlow Makeready®** solution – putting advanced job preparation capabilities at your fingertips.

Now, **FreeFlow Output Manager®** takes over, acting as a centralised collection point to route and schedule jobs across multiple printers.

Finally, the **FreeFlow Print Server** RIPs the jobs, providing timesaving efficiency, excellent image quality, and benchmark security.

Looking to gain a competitive edge? Use the **FreeFlow Variable Information Suite** to add personalisation and cost-effective security features to your documents.

The bottom line? Whether you use one of these products or integrate several to meet your specific workflow needs, you can connect with your customers, reduce costs, and enable new applications.

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