EX-P 3100 Print Server vs EX 3100 Print Server

The right choice

Xerox® offers two Fiery® servers designed for the Xerox Versant® 3100 Press: the EX-P 3100 Print Server and the EX 3100 Print Server. This document will help you identify the correct solution for your production environment.

When to choose the EX-P 3100 over the EX 3100

Your customers demand shorter run lengths and faster turnarounds

The EX-P 3100 Print Server features Fiery HyperRIP, an exclusive EFI technology that helps achieve uninterrupted production and expands performance with parallel job processing power. HyperRIP can process jobs up to 55% faster compared to a Fiery server without HyperRIP. With HyperRIP, an operator can split a single job into four logical parts for parallel processing of pages in the job, or RIP up to five jobs at the same time for faster throughput.

HyperRIP

Meet increasing demand for variable data printing

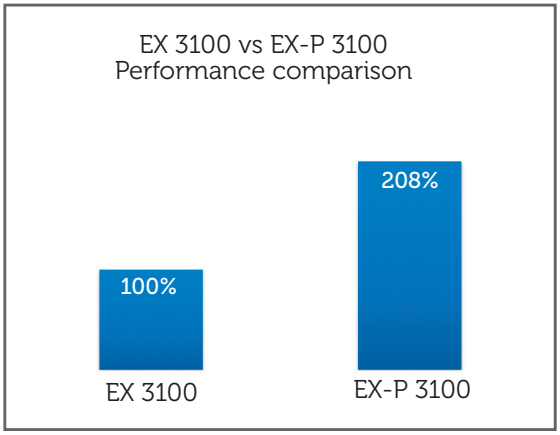
Ensure that you are prepared to meet the increasing demand for variable data printing (VDP) over the life of the lease. Both the EX-P 3100 Print Server and EX 3100 Print Server support all leading VDP formats and work with all leading variable data composition software and data formats.

However, the additional speed of the EX-P 3100 Print Server enables printing at maximum productivity for even the most complex VDP jobs.

Ability to efficiently handle complex and graphics-intensive files today and in the future

The EX-P 3100 Print Server provides more power to cost-effectively handle the additional processing required to manage complex files with multiple layers, transparencies, and overprints.

The EX-P 3100 Print Server is over twice as fast compared to the EX 3100 Print Server, making it the best choice for demanding production environments and future-proofing your investment.



When to choose the EX-P 3100 over the EX 3100 (continued)

Operators need to make late-stage edits and corrections to files

In demanding print environments, operators need to be able to easily perform late-stage edits to adjust colors, impose documents into booklets, and preview full raster files. This ensures the highest quality before printing and minimal waste and rework.

For maximum productivity, all these operations should be performed through the most powerful available digital front end, the EX-P 3100 Print Server. It comes standard with Fiery Graphic Arts Package, Premium Edition, a powerful toolset to identify and correct production problems before printing a single page. This eliminates wasted prints and keeps print engines producing profitably.

Fiery Preflight

Postflight

Fiery ImageViewer

Control Bar

What both Fiery servers offer

Production-level tools

Both Fiery servers include advanced job management tools to maximize the engine's throughput.

Integration with JDF and workflow solutions

Both Fiery servers allow connectivity with EFI™ Web-to-Print and MIS Solutions, as well as with popular industry workflow solutions such as Kodak® Prinergy®, Agfa® APOGEE,™, Heidelberg® Prinect®, and Xerox® FreeFlow® Workflow Collection. This integration enables job information to flow through the system faster and more efficiently to reduce human error and save time.

A pure PDF workflow

Both Fiery servers integrate Adobe® PDF Print Engine (APPE) technology to offer a choice of end-to-end native PDF or legacy workflows. This provides consistency and flexibility from design to output in digital and offset print environments.

Accurate, consistent color

Both servers render all combinations of color spaces and transparency blends correctly using industry-standard tests such as Altona Test Suite 2. They offer default settings that maximize performance with the best color quality right out of the box. They can also sharpen images, smooth flesh tones, and enhance the natural color of any photo in a document with the latest version of the fully integrated Fiery Image Enhance Visual Editor.

Powerful makeready solutions

Both servers include software to simplify labor intensive document composition and imposition tasks from any Windows or Mac client.

Compatible with industry standards

Fiery servers support the most industry VDP formats, including:

- Fiery FreeForm™
  Free, entry-level VDP technology
- PPML 2.0/2.2/3.0
- PDF/VT 1 and 2
- Creo VPS™
- Xerox® VIPP®

Both Fiery servers carry the Idealliance Digital Press Certification, meeting or exceeding established industry tolerances for excellence in the areas of colorimetric accuracy, uniformity, repeatability, durability, and registration.

Key comparative features

FEATURE	EX-P 3100 PRINT SERVER	EX 3100 PRINT SERVER
Fiery platform	NX Premium	NX Pro
Fiery software	Fiery FS200 Pro	Fiery FS200 Pro
Processor	2 x Intel® Xeon® Processor E5-2637 v3, 3.5 up to 3.7 GHz with Turbo, Quad Core	Intel® Core™ i5-4570S Processor 2.9 up to 3.60 GHz with Turbo, Quad Core
Operating System	Windows® 8.1 Pro x64	Windows 8.1 Pro x64
Memory	16 GB	4 GB
HyperRIP	INCLUDED	Not available
Hard disk drive	2 x 2TB SATA + 500 GB SATA	1 TB SATA
Fiery Impose-Compose	INCLUDED	INCLUDED
Fiery Graphic Arts Package, Premium Edition	INCLUDED	OPTIONAL*
ImageViewer	INCLUDED	OPTIONAL*
Fiery Preflight	INCLUDED	OPTIONAL*
Postflight	INCLUDED	OPTIONAL*
Paper simulation	INCLUDED	OPTIONAL*
Halftone simulation	INCLUDED	OPTIONAL*
2-Color print mapping	INCLUDED	OPTIONAL*
Configurable auto trapping	INCLUDED	OPTIONAL*
GA filters for Hot Folders/Virtual Printers	INCLUDED	OPTIONAL*
Control Bar	INCLUDED	OPTIONAL*
Progressives	INCLUDED	OPTIONAL*
Fiery NX Station GL: Fiery work stand, Fiery Ticker, 22" monitor, wireless keyboard and mouse	INCLUDED	INCLUDED
Fiery Color Profiler Suite w/ES-2000 Spectrophotometer	INCLUDED	INCLUDED
Fiery JobMaster	OPTIONAL*	OPTIONAL*
Fiery JobFlow Base	FREE	FREE
Fiery JobFlow	OPTIONAL*	OPTIONAL*
Fiery Navigator	FREE (first 3 Fiery servers)	FREE (first 3 Fiery servers)

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