



PROFESSIONAL MAKEREADY SOLUTION



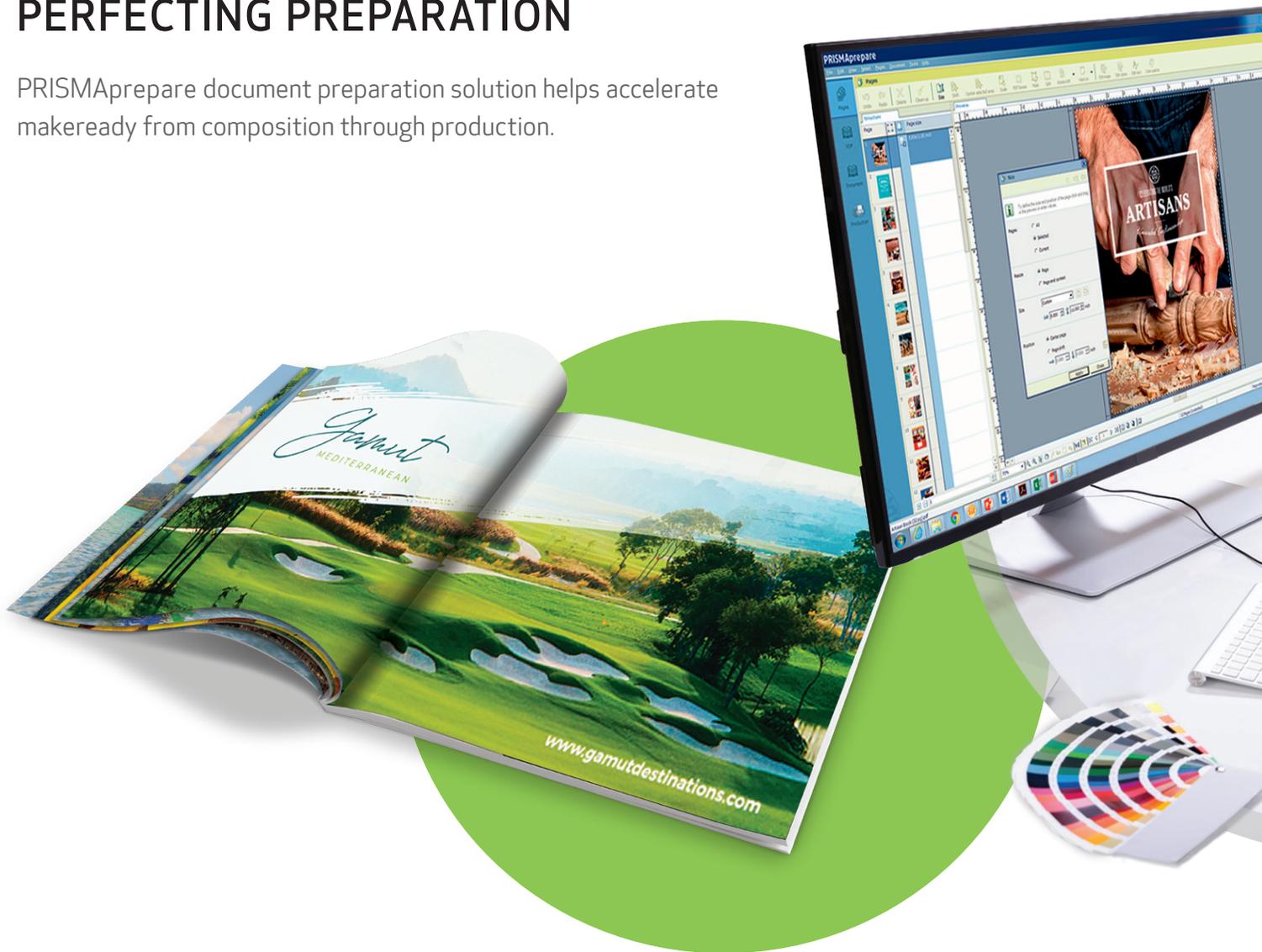
PRISMAprepare



PRISMA

PERFECTING PREPARATION

PRISMAprepare document preparation solution helps accelerate makeready from composition through production.



Outstanding Productivity

- Quick and efficient document preparation includes integrated variable data print, helping to streamline prepress workflow tasks.
- The powerful WYSIWYG preview interface allows you to see exactly what the end product will look like—soft-copy proofing without the need to print.
- Online training makes learning the application quick and easy.

Brilliant Versatility

- Built-in color tools give you control to adjust and change colors as needed.
- Optimize settings in production to reduce task time.
- Collect and clean up pages from digital or hard-copy sources, PDF, or Microsoft® Office files.

Streamline Performance

- Automation templates and hot folders make preparing repetitive jobs an easy, fast, and efficient task, helping printers avoid errors and maintain job-to-job consistency.
- Virtually device-independent means you can prepare documents for production on Canon and/or select printers accepting PDF, PCL, and PS files, thereby utilizing and optimizing the capability of your entire fleet.



MAKE AN IMPACT WITH INNOVATIVE TECHNOLOGIES

PRISMAprepare is a highly functional, all-in-one solution that accelerates document preparation from composition through production. A simple user interface helps ensure that operators of any skill level can perform preparation tasks quickly and efficiently, all while delivering consistent quality results.

Tasks such as creating booklets, single- or double-sided tabs, or impositioning are now simplified and easily repeatable through advanced automation. PRISMAprepare helps meet the high demand of clients with tight deadlines. The use of open standards provides the ability to print to any digital press accepting PDF and Adobe® PostScript® files, thereby protecting your investment.

The core of PRISMAprepare is now a *native, 64-bit application*, allowing for additional processing capacity.



POWERFUL SIMPLICITY

PRODUCTION WORKSPACE

ONE DYNAMIC VIEW

The production workspace helps to provide the user with one powerful view.

ADVANTAGES

- Access a dedicated, robust production workspace providing multiple views such as structured, sheet, page, and VDP, all within a single viewing pane.
- Switch between different workspaces without losing your settings.
- Measure the imposed file using guidelines without having to print the PDF in the page workspace.
- Configure barcode value by individual and multiple sheets to identify jobs, sheet number, and finishing type.
- Support and drive more jobs and more near-line finishing devices by saving the barcodes for reuse, including all the position settings.
- Online soft proofing virtually helps eliminate the need for hard-copy proofs, saving money and time.



ENHANCED ACCURACY

EFFICIENCY MANAGED

With WYSIWYG job capabilities, you get just that! Help reduce wasted time, effort, or hard copy layout proofs. The WYSIWYG function applies to layout and finishing options. Display the position of staples, hole punches, and folds. Shift page content on the fly to accommodate folds, finishing artifacts, text on tabs, and spine captures.

MANAGE AND VIEW

View thumbnails to navigate through your document for fast and easy selecting, inserting, or rearranging of pages.



MAXIMIZE YOUR INVESTMENT

CONNECT AND PROTECT

HELP UNLEASH THE FULL POTENTIAL OF YOUR FLEET

PRISMAprepare is virtually device-independent, allowing you to prepare documents for production on Canon's varioPRINT DP line, varioPRINT 6000 TITAN Series, color imagePRESS and imageRUNNER ADVANCE Series, or other select printers accepting PDF and PS files.¹ Accelerate impositioning of customer files with the ability to open multiple file types such as JPEG, TIFF, and multipage TIFF. PRISMAprepare maximizes productivity by preparing documents independently of the printing devices.

OPEN INTERFACE

Leverage many existing creative tools for detailed content editing. PRISMAprepare supports direct linking of up to 10 different Windows®-based, stand-alone PDF applications. You can open a page of your document from PRISMAprepare in Adobe® Photoshop®,² Adobe Illustrator®,² or other compatible PDF-based editing tool. After making the desired edits, the changes are directly applied to your document in PRISMAprepare.

INTEGRATED WORKFLOW

Integrate into the bigger picture! Work with broader workflow solutions such as PRISMAdirect, an order and production management tool, and take a job from submission to finished product. All PRISMA workflow solutions share a common user interface. Pairing PRISMA workflow solutions with Canon's PRISMAsync family of print servers for digital production presses offers maximum integration and productivity. Optimal printer support with preferential JDF "driver-less" function.



AUTOMATED WORKFLOW

QUALITY AND SPEED FROM START TO FINISH

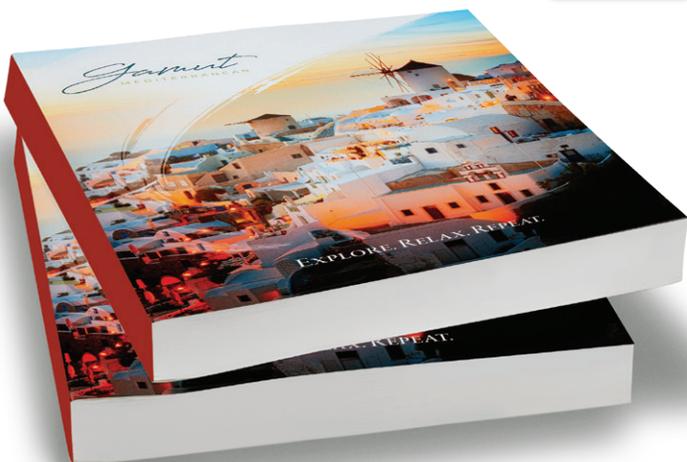
Automate your prepress workflow by creating and applying templates for jobs that use the same layout and settings. With PRISMAprepare advanced automation module, you have the ability to modify template parameters at execution time, so fewer templates are needed. No duplication—just create, copy, and edit.

POWERFUL FLEXIBILITY

Experience the flexibility of PRISMAprepare's hot folder functionality and command-line interface, which allows you to automate and reprint documents without the need to open the application. Drop, print, or edit templates for quick and efficient operational processes.

¹ Digital press and printer support for PRISMAprepare software versions vary. Please refer to the detailed specifications at the end of this brochure or ask your Canon Authorized dealer for compatibility information.

² For detailed compatibility information of PDF-based software applications, please contact your Canon Authorized dealer.



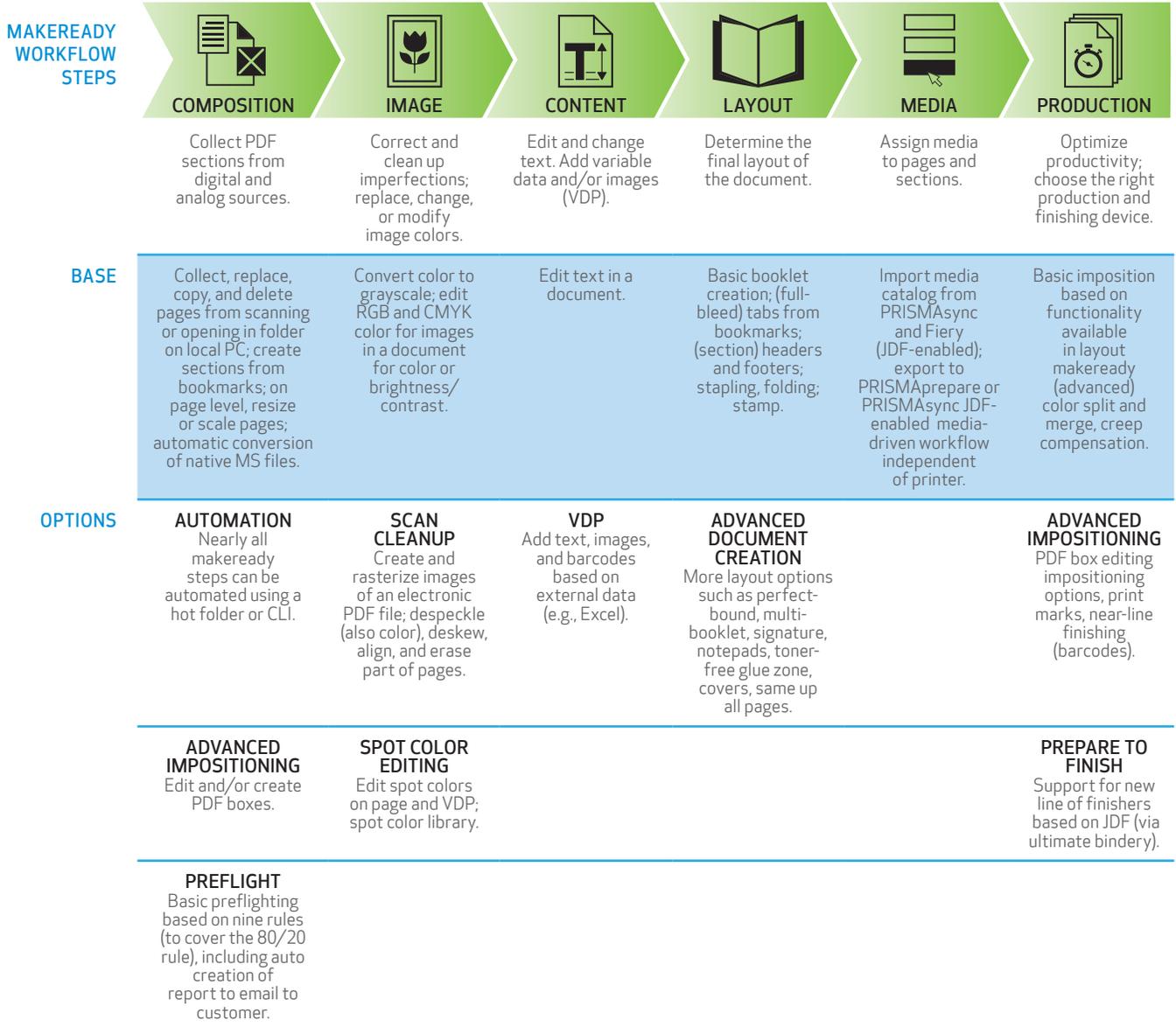
SCALABLE DOCUMENT MAKEREADY

DYNAMIC CAPABILITIES HELP YOU PRODUCE GREAT WORK

All workflow environments and/or businesses are unique, and each job comes with various challenges. Meeting customer demands while trying to maintain profits requires strategic planning. PRISMAprepare can help! Its feature-rich foundation includes unlimited printers and multiple

(concurrent) operators, a robust production workspace, and all the necessary functions of a great makeready environment. And its modular, versatile, and flexible design comes at a great price point.

ADD FUNCTIONALITY AS YOU GROW YOUR BUSINESS



This solution is virtually all you need in a makeready application. The base functionality provides one version with unlimited printers and up to 99 multiple operators (concurrent users).

Eight (8) makeready modular options allow you to define your environment's needs (Automation, Scan Cleanup, VDP, Advanced Document Creation, Advanced Impositioning, Spot Color Editing, Preflight, and Prepare to Finish). Contact your Production Print Architect to help configure the best solution.

EXPAND YOUR OPPORTUNITIES

READY FOR GROWTH

A streamlined document makeready process can empower and transform your operation and help deliver a measurable business advantage.

PRISMAprepare is engineered to help you efficiently produce print products on your digital presses. With centralized, upstream software as the foundation of your workflow, you can enjoy revenue opportunities while overcoming the challenges that can disrupt your standard processes and reduce productivity. Comprehensive makeready tools address the needs of those print professionals seeking to implement workflows that can satisfy their customers' goals, so businesses can continue to move on and prosper.

TEAMING WITH CANON

Selecting the PRISMA workflow solutions means you also choose Canon and over 80 years of experience in the design and development of innovative imaging technology and workflow. Canon is committed to its customers by constantly improving its technologies to stay at the forefront of innovation.

Understanding that each business and print room has its unique needs, Canon and its Authorized dealer network bring the expertise and support to help you deliver new ideas and applications that can inspire your customers and help improve the productivity of your business.

Add to this Canon's Production Professional Service offerings, which are delivered by Canon's Engineering Services and Solutions team in conjunction with your Canon Authorized dealer. These are designed to help provide efficient and expedient implementation and training for PRISMA workflow solutions.

DISCOVER MORE

[usa.canon.com/
productionprinting](http://usa.canon.com/productionprinting)



PRISMAprepare V8.2 SYSTEM REQUIREMENTS

INFRASTRUCTURE SUPPORTED

| | |
|--------------------------------|---|
| Operating System: | <p>32-bit OS Only supported for PRISMAprepare V7</p> <p>64-bit OS</p> <ul style="list-style-type: none"> • Microsoft Windows 10 (Professional, Enterprise) • Microsoft Windows 8/8.1 or Update 1 (Professional, Enterprise) • Windows Server 2019 (Datacenter, Standard, Essential) • Windows Server 2016 (Datacenter, Standard, Essential) • Windows Server 2012 R2 (Datacenter, Standard, Essential, Foundation) |
| Windows Components: | <ul style="list-style-type: none"> • Microsoft .NET Framework v4.712 • Microsoft Core XML Services (MSXML) 6.0 |
| Native File Conversion: | MS Office 2010 or Higher |
| File System: | NTFS > = 40 GB Free Space |
| Network: | TCP/IP (IPv4 and IPv6), 100/1000 MB/LPR Protocol enabled, if needed, to drive printer |
| Other: | Latest critical updates from Windows |

HARDWARE REQUIREMENTS

| | |
|-------------------|---|
| Processor: | Performance > = Intel Core i5 An Intel equivalent (like AMD) or VMware Gx server that conforms to this performance demand can also be used. No restrictions concerning 32/64-bit hardware and single/dual core. |
| Memory: | > = 2 GB (On VMware servers more memory may be required) |
| Hard Disk: | > = 80 GB (UDMA, SATA/SCSI U320), RPM > = 7.2 K Average Seek < = 10ms, Average Latency < = 5ms |
| Video: | > = 1280 x 1024, True colors (24/32-bit) |
| Screen: | > = 19" |
| Scanner: | TWAIN-compatible scanner (for import of paper originals). The Product is tested with the following scanners: <ul style="list-style-type: none"> • Fuji fi-6670 • Canon DR-510C • Kodak i370 |

PRISMAprepare CONFIGURATIONS

| | PRISMAprepare V8.2 |
|---|---|
| Makeready Capabilities | Image, Composition, Content, Color, Layout, Media, Production |
| Advanced Document Creation | Optional |
| Advanced Imposition | Optional |
| Spot Color Editing | Optional |
| Scanning Cleanup | Optional |
| VDP | Optional |
| Automation | Optional |
| Preflight | Optional |
| Prepare to Finish³ | Optional |
| Concurrent Users | Up to 99 |
| Supported Number of Printing Systems | Unlimited |

³ Prepare to Finish is a connector. Ultimate Bindery v4 software must be purchased separately.

SUPPORTED PRESSES

Canon imagePRESS

| Model | Print Server | Printer Version | Level |
|--------------------------------|-----------------------------|--------------------------|-------|
| imagePRESS C910/C810/C710 | PRISMAsync Mark 8.1 | (R7.3/R7.4/R7.4.5)* R8.2 | E |
| | Fiery H350 | V1.0/V2.0/V2.1 | E |
| | Fiery G250 | V1.0/2.0/V2.1 | D |
| | Fiery G250 | V1.0/V2.0/V2.1 | E |
| | Canon PDL (+ JDF Parser) | | D |
| imagePRESS V1000 | PRISMAsync Mark 8.3 | R8.3 | E |
| | Fiery D3000 | V1.0 | E |
| imagePRESS C10010VP/C9010VP | PRISMAsync Mark 8.1.1 | (R7.4.2/R8.1)* R8.2 | E |
| | Fiery B600 V2/Fiery B700 V2 | V2.0/V2.1 | E |
| imagePRESS C850/C750/C650/C65 | Fiery F200 | V1.2.1 | E |
| | Fiery G100 | V1.2.1 | D |
| | Fiery G200 | V1.0 | D |
| | Fiery H300 | V1.0/V2.0 | E |
| | PRISMAsync Mark 7.4.2 | (R5.1/5.2/6.1/7.1)* 7.4 | E |
| | Canon PDL (+ JDF Parser) | V35.13 | D |
| imagePRESS C60♦/C600/C700/C800 | PRISMAsync Mark 6.3 | (R4.1/5.1/5.2/6.1)* R6.2 | E |
| | Fiery F200 | V1.0/V1.1/V1.2.1 | E |
| | Fiery G100 | V1.0 | D |
| | Fiery G100 | V1.1/V1.2.1 | D |
| | Canon PDL (+ JDF Parser) | V10.23 | D |

♦ The imagePRESS C60 is not supported by the PRISMAsync Print Server.

| Model | Print Server | Printer Version | Level |
|--------------------------------------|--|-----------------|-------|
| imagePRESS C265/C270 | Fiery M20 | V1.0 | E |
| | Canon PDL (+ JDF Parser) | | D |
| imagePRESS C7011VPS /C6011VPS/C6011S | PRISMAsync Mark 4 | (R3/R4)* R5 | E |
| imagePRESS C7010VPS/C6010VPS/C6010S | PRISMAsync Mark 4 | (R3/R4)* R5 | E |
| imagePRESS C170 | Fiery L30 | V2.0 | E |
| | Fiery M10 | V2.0 | E |
| | Canon Internal (+ JDF Parser) | | D |
| imagePRESS C165** | Canon Internal (+ JDF Parser) | | E |
| | Fiery L30 | V1.0 | E |
| | | V1.0 | E |
| imagePRESS C660 | Fiery H350 | V2.0/V2.1/V1.0 | E |
| | Fiery G250 | V1.0/V2.0 | D |
| | Canon PDL (+ JDF Parser) | | D |
| imagePRESS C7011VP/C6011VP/C6011 | Fiery A3200 | V1.0 | D |
| | Fiery A 1300/Fiery A2300/ Fiery A3300 | V1.0 | E |
| imagePRESS 1110+ / 1125+ / 1135+ | Fiery K100/K200 | V1.0 | E |
| | Canon PDL (+ JDF Parser) | | D |

Canon varioPRINT

| Model | Print Server | Printer Version | Level |
|-------------------|---------------------|------------------|-------|
| varioPRINT iX3200 | PRISMAsync Mark 8.1 | (R4.0/4.1)* R4.2 | E |
| varioPRINT iX2100 | PRISMAsync Mark 8.1 | (R4.0/4.1)* R4.2 | E |

Level Key

| Supported Features | Level of Printer Support | | | | |
|--------------------|--------------------------|---|---|---|---|
| | A | B | C | D | E |
| Layout | ✓ | ✓ | ✓ | ✓ | ✓ |
| Media Selection | X | ✓ | ✓ | ✓ | ✓ |
| Inserts/Tabs | X | X | ✓ | ✓ | ✓ |
| Mixed Media Sizes | X | X | ✓ | ✓ | ✓ |

Note: Please review the PRISMA Core supported engines document for additional printer support.

* Enable the JDF print path for Fiery Print Server.

** The Canon internal, Fiery L30, and Fiery M10 controllers are available, but they have not yet been verified.

Canon

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