PRISMAprepare

ACCELERATE DOCUMENT PREPARATION

Canon

PRINTING TODAY:
NO ROOM FOR ERROR

In today's fast-paced world of short run lengths, tight turnarounds, and evolving customer demands, it's important to keep your print production flowing seamlessly. That becomes harder when the source documents submitted by the customer aren't up to scratch, needing a lot of manual intervention to fix. How many times do you create multiple proof samples through trial and error before the required vision is achieved? This process results in longer delivery times, higher costs, less sustainable printing operations, and ultimately, reduced profitability.
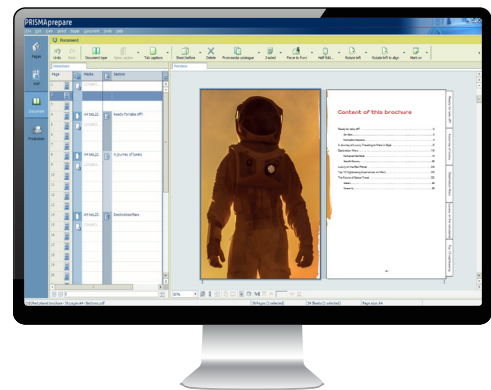
COMMON MAKE-READY CHALLENGES:

- Identifying and sourcing missing fonts and replacing low resolution graphics.

- Achieving accurate colour matching, especially for brand-specific colours.

- Managing documents with different types of content, such as mixing text with images, charts, and graphs, or combining colour and monochrome pages.

- Ensuring correct page order, consistent layout, meeting finishing requirements, and coordinating in-line finishing processes.

- Setting up correct bleed areas and trim marks to avoid cutting off important content.

- Using multiple software tools that may not integrate well, adding complexity to the workflow and increasing the risk of errors.

- Complying with your company's sustainability policies and reducing waste.

MOVE TO MAKE-READY AUTOMATION?

Learn how **YOU**, by implementing an advanced prepress application, can deliver a range of benefits for **YOUR** business during the make-ready stage. Enjoy enhanced customer satisfaction, faster job completion, quicker delivery to clients, and make progress with your sustainability goals.

Efficiency and productivity

- Automate routine tasks, reduce manual labour and accelerate the make-ready process.
- Easily handle varying job sizes and complexities, allowing you to seamlessly scale operations.

Versatility and agility

- Adapt to different types of print jobs and media for extra versatility in handling diverse customer requirements.
- Drive different engines with different media handling.

Quality and useability

- Ensure accurate and consistent output by automating complex and repetitive tasks.
- Reduce human error in tasks such as colour matching, layout adjustments, and preflighting by using an intuitive interface that makes use of helpful software wizards.

Sustainability

- Minimise errors and reprints to reduce material waste and labour costs.
- Reduce costly test prints and labour using accurate digital proof samples

Transitioning to make-ready automation enhances customer satisfaction, accelerates job completion, ensures quicker delivery to clients, and optimises time and resources, all while supporting your environmental goals.

MEET PRISMAprepare

PRISMAprepare prepress workflow application accelerates prepress tasks and job turnaround times. Expand your offering with new applications, maximising the capabilities of your Canon presses such as the varioPRINT and imagePRESS series, as well as devices from other manufacturers and win more business. Boost your productivity by automating routine and complex processes, from composition through to production.

EFFICIENCY AND PRODUCTIVITY

Accelerate preparation with all-in-one document make-ready, automation templates, and PDF-based workflows for even the most complex jobs.

Maximise productivity with device-independent document preparation, enabling printing to any device and optimising the production printing fleet.

Simplify workflow processes with seamless integration of Adobe Acrobat PDF and plug-ins, allowing for precise finishing and efficient variable data printing.

VERSATILITY AND AGILITY

Unify workflows between black & white and colour printers for more cost-effective printing, with efficient colour split and merged capabilities.

Enhance your documents with value-added services such as inserting tabs, adding spine captions, and variable data printing, making them personalised, smart and interactive.

Experience comprehensive support for a wide range of media types in Canon hardware, including plain paper, tabs, polyester, pre-punched, and pre-coloured materials, delivering best-in-class output with minimal clicks for maximum efficiency.

QUALITY AND USEABILITY

Simplify tasks for all users with an intuitive WYSIWYG* interface, easy navigation via thumbnails, and accurate on-screen previews to reduce output errors.

Ensures maximum quality by automating repetitive complex tasks and use advanced image and colour management capabilities to make last minute colour or text corrections.

Ensure accurate production and delivery with print marks for tracking, high-quality perfect binding, and enhanced document features like tabs, spine captions, and variable data printing.

SUSTAINABILITY

Optimise print workflows by using automation and efficient job setups, minimising waste and maximising resource utilisation.

Reduce environmental impact by digitally proofing and simulating production, allowing for error correction and layout optimisation before printing.

Enhance sustainability by arranging pages efficiently with integrated imposition, ensuring resource conservation without compromising quality.

* What You See Is What You Get

IMPROVE YOUR OPERATIONS

Seamless integration with the PRISMA portfolio

PRISMAprepare integrates seamlessly with the PRISMAsync print server and PRISMAdirect, enabling operators to maximise productivity on Canon presses such as the varioPRINT and imagePRESS series.

PRISMAdirect

PRISMAdirect is a web-based end-to-end workflow management solution to streamline the entire production process simplifying job acquisition, reducing overheads and increasing productivity.

PRISMAsync

PRISMAsync is a print server that processes jobs, and monitors and controls printer functions from the heart of the engine. This enables PRISMAsync to sense and process the real-time information needed to predict and control how the printer handles jobs, including job submission, profiling and colour management. PRISMAsync facilitates print scheduling, monitoring and management tools that offer accurate job planning in a simple, unified workflow.

ONE DYNAMIC VIEW

Transform your workflow with One Dynamic View

WYSIWYG ACCURACY

- **Enhance accuracy and minimise waste** with WYSIWYG job preparation, ensuring that what you see on the screen is exactly what prints, reducing the need for hard-copy proofs and saving both time and resources.

- **Streamline layout and finishing adjustments** by visually previewing and fine-tuning details such as staples, hole-punches, and folds, allowing you to achieve a flawless final product with ease.

PRISMAprepare INTUITIVE WORKSPACES

PRISMAprepare Intuitive Workspaces helps you seamlessly navigate between different areas of the software to deliver unparalleled efficiency and accuracy, so you can:

01 Unlock the power of a dedicated, robust workspace accessing multiple views, including structured, sheet, page, and VDP, all within one comprehensive viewing pane.

02 Switch between workspaces effortlessly without losing your settings, ensuring a smooth and uninterrupted workflow.

03 Use guidelines to measure imposed files directly in the page workspace, eliminating the need for physical prints.

04 Use online soft proofing to virtually eliminate the need for hard-copy proofs, saving you time and money.

Pages workspace

Work on an individual page of a document and you can adjust colours, images, text, rotate or resize pages and many other aspects of an individual page

Document workspace

Take the separate pages and make into a fully prepared and professional document by creating the finished layout and assigning the correct media to each page.
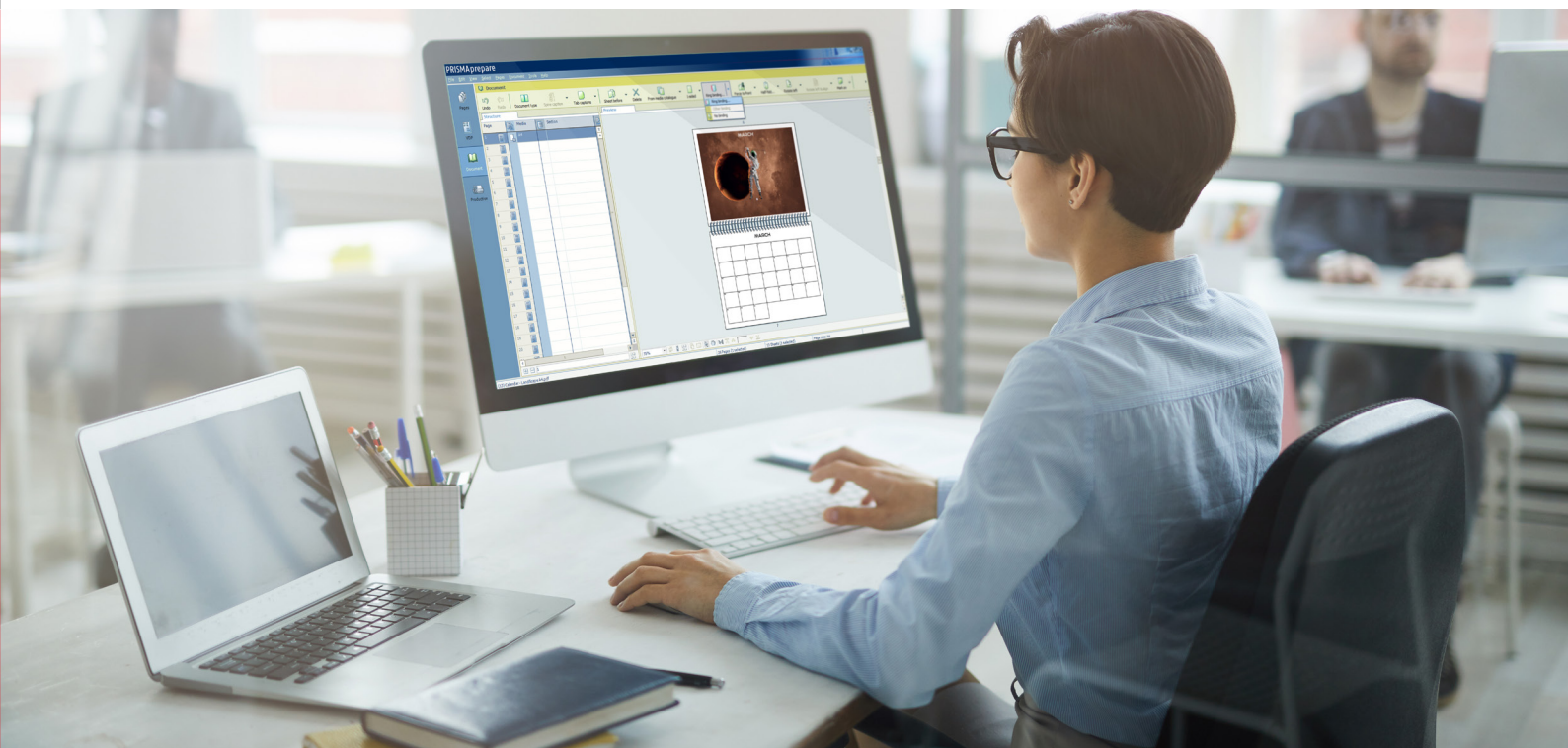
VDP workspace

Use basic functions to generate documents with variable data. The variable data is retrieved from an external data source.
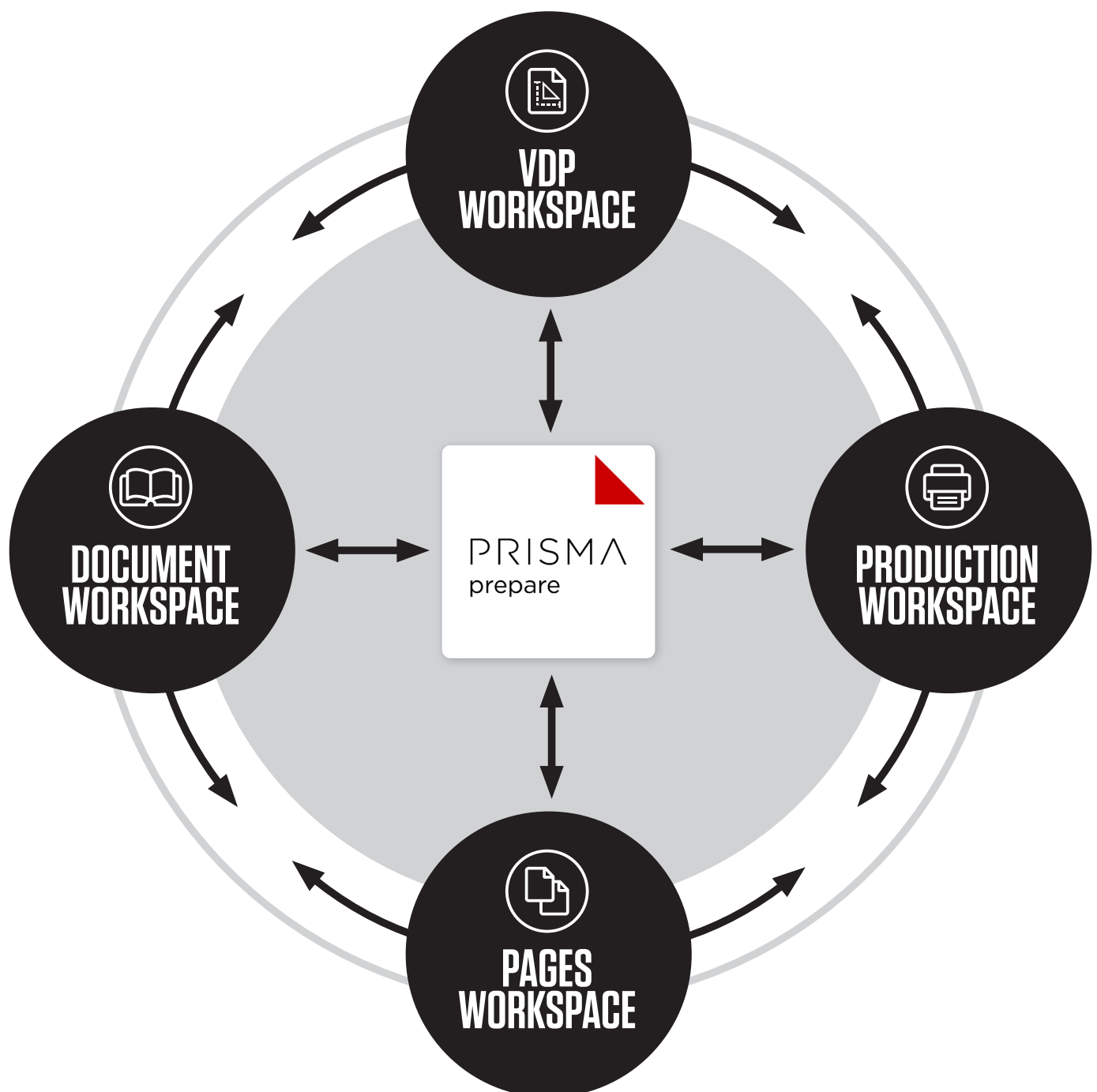
Production workspace

Prepare your file to ensure the most cost effective way of printing using layouts such as Same-up or N-up.

YOUR INTUITIVE WORKSPACES

PRISMAprepare shows a powerful, instant view of your document in progress, enabling smooth transitions between pages, sheets, and document views. Its dynamic WYSIWYG interface means what you see on-screen matches your final output, minimising the need for physical proofs and saving time and resources. By automatically saving settings across workspaces, it offers the flexibility to organise files in any order, making document preparation faster and more efficient.

VDP WORKSPACE

DOCUMENT WORKSPACE

PRISMA prepare

PRODUCTION WORKSPACE

PAGES WORKSPACE

With DOCUMENT WORKSPACE you can:

- Effortlessly prepare booklets with automatic spine width and creep compensation calculations.
- Simplify multi-fold document preparation with WYSIWYG fold lines for precisely aligned images.
- Assign specific media to individual pages, sections, or complete documents.

With PAGES WORKSPACE you can:

- Merge various digital and analogue documents – including Word and PDF files – into one multi-section document.
- Align margins and scale content.
- Optimise image colour, brightness, contrast, and saturation. Change colours with a mouse click.
- Create custom CMYK or RGB spot colours or access standard PANTONE® Matching System and optional HKS® spot colour libraries.
- Change text, images, and graphical objects, and adjust colours for various objects.
- Adjust PDF boxes and define the bleed area.

With VDP WORKSPACE you can:

- Merge data from separate databases with PRISMAprepare Intuitive Workspace.
- Increase productivity and enable personalised, profitable services by combining all prepress tasks with integrated Variable Data Printing (VDP).

With PRODUCTION WORKSPACE you can:

- Create and print any layout with flexible imposition options, including N-up, same-up, Quarto, Octavo, cut-and-stack or custom, like 3x3.
- Adjust page marks, bleed margins, gutters and margin shifts to suit your specific needs.
- Eliminate the need for hard-copy proofing with accurate previews that show you how documents appear on a sheet and as a single page.
- Establish a smart near-line finishing workflow between PRISMAprepare and third-party finishers.

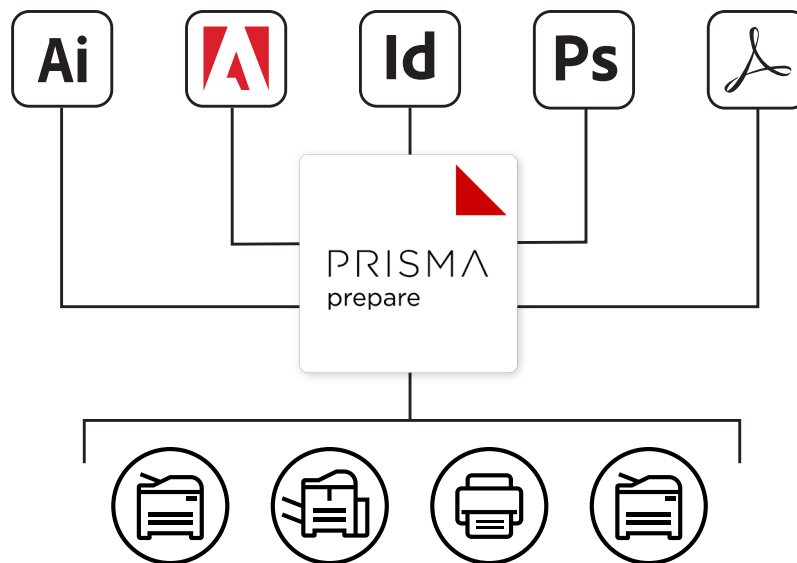# MAXIMISE YOUR INVESTMENT WITH PRISMAprepare

DEVICE-INDEPENDENT EXCELLENCE

Help unleash the full power of your entire fleet

No matter what your print fleet looks like, PRISMAprepare helps you speed up the make-ready process and unlock the full power of your devices. Almost **ANY** printer that accepts PDF and PS files can benefit – including industry-leading Canon presses such as the varioPRINT 140 Series, varioPRINT 6000 series TITAN, imagePRESS, and imageRUNNER ADVANCE.

Seamless PDF workflows

Link to up to ten different PDF-based editing tools at once, and open a page from PRISMAprepare in a compatible PDF-based tool such as Adobe Photoshop or Illustrator without losing your PRISMAprepare page programming.
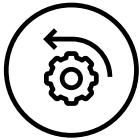
Integrating your workflow

PRISMAprepare offers the flexibility of a standalone solution, with the added benefit of seamless integration into broader workflows like PRISMAdirect, streamlining order and production management for greater efficiency and simplicity.
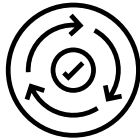
PRISMA workflow solutions share a common user interface, simplifying operation and reducing the learning curve. When paired with Canon's PRISMAsync print servers for digital production presses you achieve maximum productivity, greater efficiency, fewer errors, and faster turnaround times, all while enhancing collaboration and ensuring consistent, high-quality output.
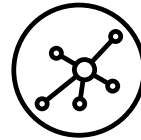
AUTOMATED WORKFLOW

Automated make-ready from start to finish

Optional PRISMAprepare automation capabilities, enable you to automate your prepress workflow by creating and applying templates for jobs that use the same layout and settings.

Powerful flexibility

PRISMAprepare's hotfolder functionality and Hotfolder Monitoring Console streamline your workflow by automating PDF tasks and providing real-time process updates, even remotely, with added flexibility for make-ready and reprint document without opening PRISMAprepare.

Prepare once, print virtually anywhere

PRISMAprepare software is virtually device-independent meaning, you can reduce setup and turnaround time to improve customer service, unleashing the full power of your production operation.

To learn more about PRISMAprepare, please contact your local Canon representative or team and check our Canon website for the further details:

PRISMAprepare V9 SYSTEM REQUIREMENTS

Infrastructure Supported

Operating System	64-bit OS Microsoft Windows 11 Microsoft Windows 10 (Professional, Enterprise) 1803 or higher
Windows Components (installed automatically)	Microsoft .NET Framework v4.8 Microsoft Core XML Services (MSXML) 6.0 MMC 3.0 Print Services for Unix
Native files supported	MS Office 2016 x64 or higher
File System	NTFS >= 40 GB Free Space
Network	TCP/IP (IPv4 and IPv6), 100/1000 MBit/s
Other	Latest critical updates from Windows update

Hardware Requirements

Processor	Minimum >= Intel Pentium IV 3.2 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 bits/64 bits hardware and single/dual core.
Memory	Minimum >= 2 GB Preferred >= 4 GB (On VMware servers more memory may be required)
Hard Disk	Minimum >= 80 GB (UDMA, SATA / SCSI U320) Preferred >= 200 GB (UDMA, SATA or SCSI U320) RPM >= 7.2 K Average Seek <= 10ms, Average Latency <= 5ms
Video	Minimum >=1024 x 768, True colours (24/32 bit) Preferred 1920 x 1200, True colours (24/32 bit)
Screen	Minimum >=19" native monitor resolution 1024 x 768 Preferred: 24" wide screen, native monitor resolution 1920 x 1200
Scanner	TWAIN-compatible scanner (for import of paper originals) The Product is tested with the following scanners: • Fuji fi-6670 • Canon DR-510C • Kodak i370

PRISMAprepare V9 Configurations

Make-Ready Capabilities Available	Image, Composition, Content, Colour, Layout, VDP, Media, Production, Finishing
Advanced Document Creation	Optional
Advanced Imposition	Optional
Spot Color Editing	Optional
Scanning Clean Up	Optional
VDP	Optional
Automation	Optional
Preflight	Optional
Prepare to Finish*	Optional
Concurrent Users	Up to 99
Supported Number of Printing Systems	Unlimited
Supported Engines (Canon)	Canon sheet-fed digital presses as well as high-end office printing and multifunctional systems supported
Supported Engines (Other)	Output toward any printer using the standard Windows driver technology is supported. Limitations for media selection and finishing support apply

* Prepare to Finish is a connector. Ultimate Bindery V4 Software has to be purchased separately.