

Canon

CANON SOLUTIONS AMERICA



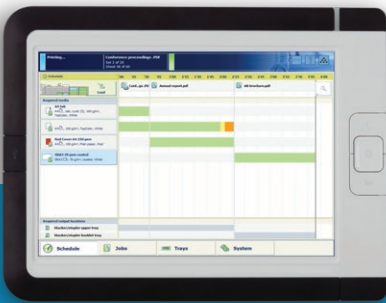
PRODUCTION PRINT SERVERS



PRISMAsync

 CANON SEE IMPOSSIBLE

SIMPLIFIED WORKFLOW FOR END-TO-END PERFORMANCE



AT-A-GLANCE

PRODUCTIVITY

- High-performance controller
- Powered by Adobe PDF Print Engine with Mercury RIP Architecture
- Configurable to help optimize productivity and performance
- Plan-ahead production with PRISMAsync Job Scheduler
- Remote job management and monitoring with PRISMAsync Remote Manager

OUTPUT QUALITY

- Optimized automation with Color Presets and Trapping Presets
- Spot color adjustments to help match PANTONE® and corporate colors
- PRISMAsync embedded profiler for fast and easy media profile creation
- In-RIP G7® calibration to help conform with G7 standards

EASE OF USE

- First-time-right output with media-based workflow
- Avoid interruption in production with configurable operator alerts
- Intuitive and easy-to-learn user interface
- User interface common design across the entire PRISMA suite

WORKFLOW INTEGRATION

- Seamless integration with PRISMA workflow solution suite
- JDF/JMF integration with Web-to-print or prepress tools (PRISMAsync Workflow Connector)
- Easy integration into existing workflows (Océ DPLink, Océ KDKlink)
- Full support of Variable Data Printing (PDF/VT1, PPML)

PRISMAsync FAMILY OF PRINT SERVERS FOR CANON AND OCÉ SHEET-FED DIGITAL PRESSES

It's a familiar scenario in today's printing landscape: Flawless results are expected with impossible deadlines. Operators of different skill levels must efficiently produce complex documents in both black and white and color, and all while trying to control rising costs and production bottlenecks.

The PRISMAsync controller platform streamlines production by making printing operations more intuitive and uniform. Now operators can manage and run jobs through multiple presses easily and with fewer mistakes than ever before. Every aspect of those jobs, from composition to media to production to finishing, is easily managed—even those inevitable last-minute changes.

PRISMAsync print servers not only boost production capacity, they help lower cost and increase profitability. Employees feel supported and empowered to do their best. PRISMAsync delivers the high-performance, deadline-driven printing that will help grow your business and drive future success.



PRISMA WORKFLOW SOLUTIONS

OCÉ PRISMAccess

Workflow management software that automates and accelerates job submission and processing.



OCÉ PRISMAprepare

Job preparation software that simplifies document make-ready from composition through production.



PRISMAsync Print Server

High-performance, digital front end that works seamlessly with PRISMA software modules to accelerate and streamline processes.



Note: Software capabilities described in this brochure relate to PRISMAsync configured with the full license options.

EFFICIENT COLLABORATION



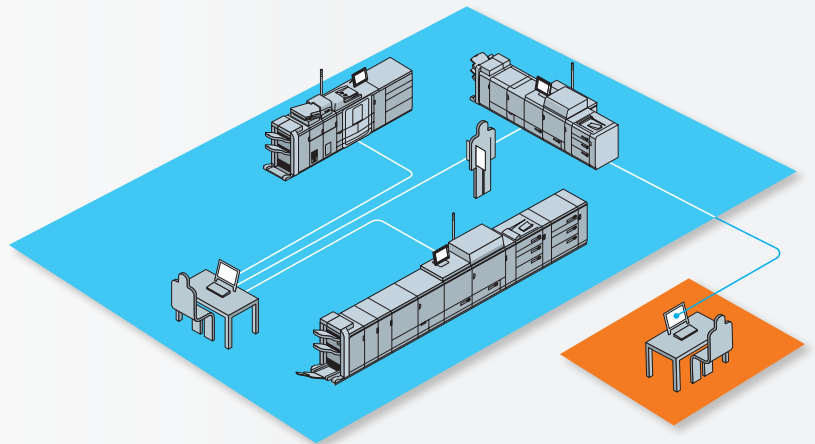
STREAMLINED WORKFLOW

A FLEXIBLE APPROACH

Even if your operation has multiple departments or just one person handling prepress through finishing, you need an efficient workflow process. PRISMAsync print servers deliver configuration flexibility to help optimize productivity and performance, whether you prefer a structured or ad hoc workflow.

STRUCTURED WORKFLOW

In an operation with separate prepress and print production departments, PRISMAsync is the single point of control for your digital press, providing maximum support to your print operators. Key tasks are distributed, allowing prepress staff to focus on job preparation and print operators to concentrate on output quality and productivity. With clearly delineated tasks, people become highly skilled and effective.



AD HOC WORKFLOW

PRISMAsync offers flexible control even if everything is done by the same person. Job property, imposition, and color editing—even up to page level—can be made right at the press console.



PRODUCTION CONTROL

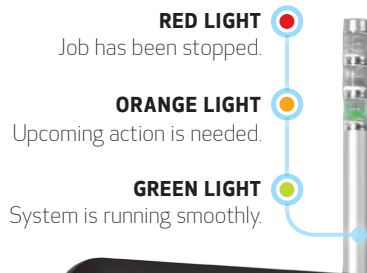
PLAN-AHEAD OPERATION

MANAGE AND MONITOR PRODUCTION REMOTELY

PRISMAsync Remote Manager is a multipress scheduler and management console that provides greater control over your fleet of PRISMAsync-driven digital presses. This Web-based tool helps keep your presses running as continuously as possible, with work properly prioritized. Easily upload jobs, edit job properties, print and manipulate queues, and monitor your fleet from a remote workstation.*

MAXIMUM OPERATOR SUPPORT

Accelerate turnaround times with up to eight hours of uninterrupted plan-ahead production. The unique PRISMAsync Job Scheduler offers predictability by telling you everything you need to know to keep the system running with minimal idle time. Thanks to full-engine integration, the PRISMAsync controller can accurately predict production times and operator-intervention needs. At a glance, an operator can monitor all scheduled jobs, receive custom notifications, and change job priorities as needed.



MONITOR PRESS STATUS

An Operator Attention Light displays the press status from a distance in line with the Job Scheduler. It signals upcoming operator interventions, such as loading new media several minutes ahead of time, so action can be taken to prevent a halt in production.



* The remote workstation must be connected to the same network as the digital press. An HTML 5-compatible Web browser with JavaScript and WebSocket support is required. See the PRISMAsync Remote Manager documentation for details.

THE RIGHT CHOICE



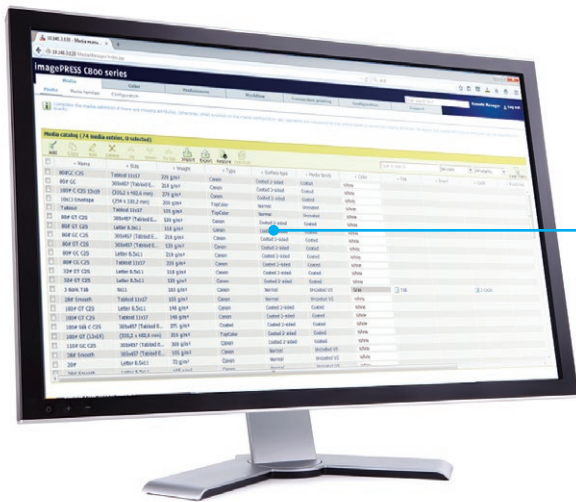
MEDIA-BASED WORKFLOW

CLEAR COMMUNICATION

With one media catalog, communications between prepress and production departments are clear. When jobs are submitted, the desired media are selected. The print operator knows which media to use and the press is automatically configured.

SEAMLESS OPERATION

You can define media just once in the media catalog, which can then be easily exported for import into another PRISMAsync-driven press. Or, you can pull a media catalog directly into the PRISMAprepare document make-ready software or the PRISMAaccess job submission and print management software.



OPTIMIZE OUTPUT QUALITY

Printing with the correct settings optimizes print quality and boosts productivity for all media. Media with the same characteristics that use the same output profiles and calibrations can be grouped into media families. PRISMAsync's print quality guidance helps operators achieve optimal results by signaling accidental printing on partially defined media. This helps minimize errors, turnaround time, and waste.

EMPOWER USERS

PEOPLE-CENTRIC DESIGN

A CONSISTENT EXPERIENCE

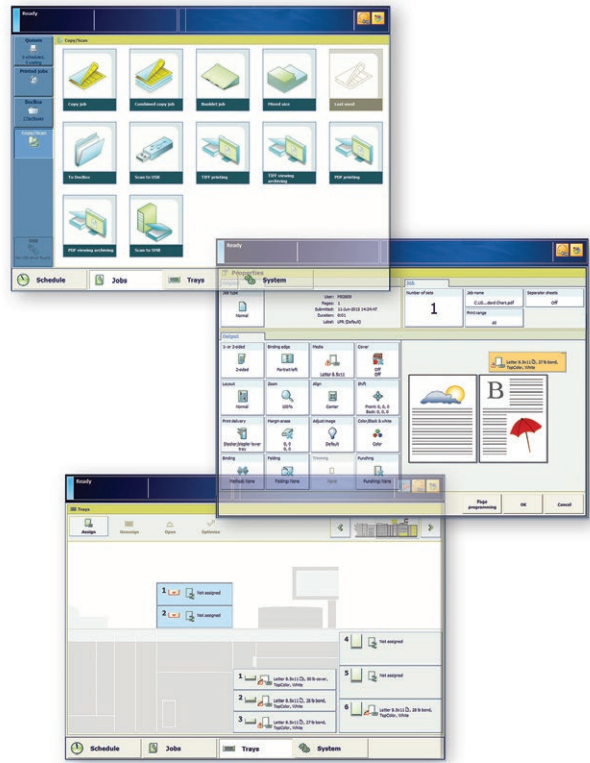
From one easy-to-use interface, operators can initiate simple jobs such as scan-to-file or more-complex jobs such as page programming. Whether performing tasks for color or monochrome PRISMAsync-driven presses, the experience is unified. Consistent operation helps to reduce mistakes and increase throughput.

REDUCED TRAINING

Uniform operation means less training time and a shorter learning curve for faster delivery of impressive productivity across all systems.

FLEXIBLE STAFF PLANNING

The PRISMAsync controller makes it easy to reassign operators during peak production times or free up capacity to offer extra services.



INTUITIVE OPERATION

Tasks are made clear through a highly visual user interface with a common design throughout the entire suite of PRISMA workflow solutions.



Uniformity in Operation

Day-to-day operations benefit from a unified user interface for copy, scan, and print functions.

BRILLIANT OUTPUT

INTELLIGENT COLOR MANAGEMENT



POWERFUL CONTROLS

PRISMAsync controllers' intelligent color management system is built on Adobe's industry-renowned Color Management Module. It enables consistent, predictable output while also facilitating qualitative adjustments to satisfy the most-demanding customers.

OPTIMIZED AUTOMATION

Not all files are created equal, and it isn't necessary for output to always achieve the same look and feel. For maximum efficiency, however, repetitive tasks should be standardized and automated as much as possible. PRISMAsync allows the definition of multiple Color Presets and Trapping Presets, each for a specific use. Presets are defined once and can be easily applied to any incoming job from prepress, automated workflows, or the print driver.

COLOR MANAGEMENT FOR MONOCHROME PRESSES

When printing color images or color documents on the PRISMAsync-driven varioPRINT DP Line or Océ VarioPrint 6000+ Series, Océ ScreenPoint Technology interprets color data to faithful photographic monochrome imaging, without the need to convert color data to grayscale earlier in the workflow.

EFFICIENT OUTPUT PROFILE CREATION

In cases where the factory default output profiles don't accurately represent the characteristics of the chosen media for a project, customized output profiles can be created. PRISMAsync controllers' embedded profiler quickly and easily makes media profiles, without having to invest in additional profiling tools.

Industry-Leading Color Calibration

PRISMAsync incorporates an in-RIP G7 calibration method. Without a need for third-party software or complex procedures, print professionals can quickly and easily calibrate their PRISMAsync-driven imagePRESS color presses to achieve a near neutral print condition.*



Spot and Substitute Colors

Accurately and consistently match PANTONE® four-color simulations and corporate colors for both RGB and CMYK. The PRISMAsync color library editor allows discrete control over spot colors at 1% tint levels.



* For requirements regarding G7 conformation, please consult an Authorized Canon Dealer.

A SECURE APPROACH

COMPREHENSIVE SECURITY SOLUTIONS

ADDRESS SECURITY CHALLENGES

Canon provides multilayered security solutions that protect devices, data, and document output. From guarding the device against unauthorized users to minimizing the risk of cyber attacks, Canon actively incorporates features and functions that meet today's challenges.

KEEP SOFTWARE INTEGRITY

PRISMAsync print servers can be equipped with Integrity Checker. Integrity Checker helps to control, continuously track, and validate the applications that are run on PRISMAsync, thereby minimizing risks.

SECURITY WITH E-SHREDDING

Proper disposal of sensitive or confidential electronic data stored on a disk drive is imperative to prevent inadvertent disclosure of sensitive and/or confidential information.

Electronic data shredding (or e-shredding) functionality can help prevent unwanted recovery of previously printed, scanned, and copied documents. A number of overwrite algorithms are available including:

- **Gutmann:** All jobs on the system are erased in 35 overwrite passes.
- **Department of Defense 5220.22-M:** This is generally regarded as the highest standard for sanitization. It meets U.S. Department of Defense requirements for erasure of disk media.
- **Custom:** The system administrator defines the number of overwrite passes manually.



Keep Private Information Safe

For more information on Canon security features and solutions, please visit www.usa.canon.com/security.



PRODUCTIVE SOLUTIONS

SMOOTH INTEGRATION

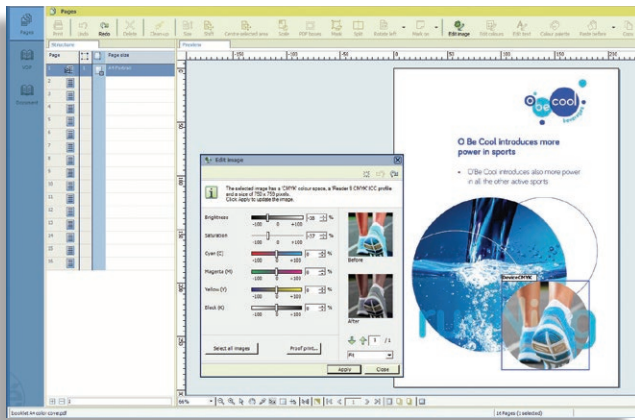
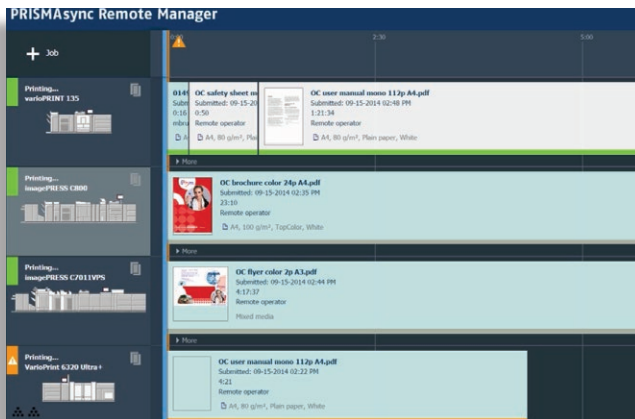
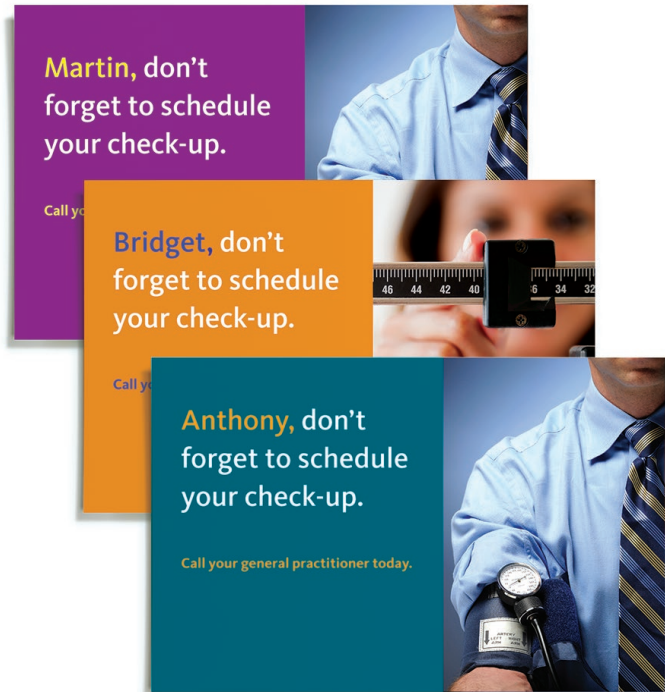
ENABLE TARGETED MARKETING

PRISMAsync print servers provide powerful variable data printing (VDP) support with record-based editing and management, and full compatibility with industry-standard VDP workflows, including PDF/VT1 and PPML.

PROTECT YOUR PREVIOUS INVESTMENT

The PRISMAsync Workflow Connector lets you smoothly integrate PRISMAsync-driven presses with Web-to-print or prepress tools that communicate via JDF/JMF.*

Océ DPLink and Océ KDKLink easily integrate PRISMAsync-driven Canon and Océ digital production presses into Xerox® FreeFlow® MakeReady and Kodak® Smartboard environments, without losing job-ticket settings or media attributes.**



POWER YOUR BUSINESS

BENEFIT FROM AN INTEGRATED PRODUCTION WORKFLOW

Streamline and simplify complex workflows with the PRISMA suite of workflow solutions. From job submission and preparation through professionally finished output, invoicing, and reporting, PRISMA solutions accelerate processes and help you to reduce costs and keep control of your operation.

Modules include PRISMAaccess job submission order and print management software, PRISMAprepare job preparation software, and the PRISMAsync family of print servers. Select the modules that fit your desired workflow and add options as your operation grows.

* Please contact your authorized Canon dealer for supported workflow.

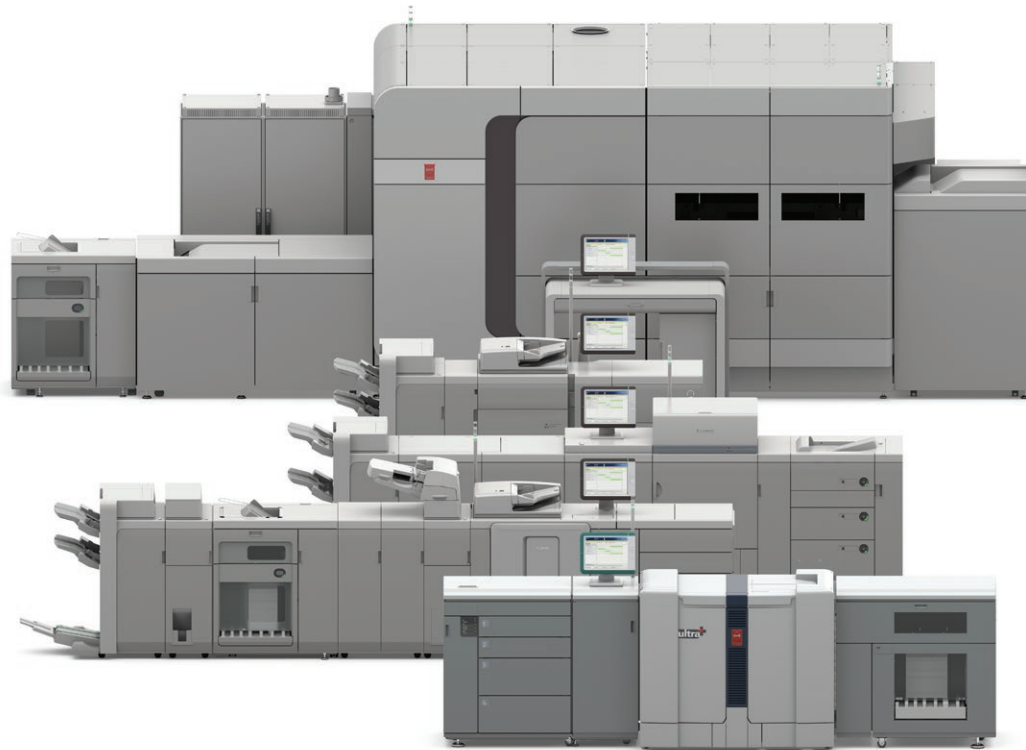
** Not all job-ticket features are supported on all engine configurations.

TOTAL SOLUTIONS

EMPOWERING YOUR PRESSES

PRISMAsync controllers efficiently and effectively drive Canon and Océ sheet-fed digital production presses, including:

- Océ VarioPrint i300
- Canon imagePRESS C7011VPS Series
- Canon imagePRESS C800 Series
- Océ VarioPrint 6000+ Series
- Canon varioPRINT 135/120/110



LEARN FROM EXPERIENCE

TEAMING WITH CANON

A COMPETITIVE ADVANTAGE

Canon will help you increase productivity and improve your bottom line. With extensive print experience comes deep insight into industry characteristics and trends as well as customer goals and challenges. Canon's understanding of various printing markets offers tailored solutions to meet your specific needs.

TOTAL SOLUTIONS

The Canon portfolio of technology offerings is among the broadest in the industry. From digital, sheet-fed, web-fed, and wide-format systems to inkjet, photo printers, and workflow solutions, Canon has a customized solution for your business.

Customers share their experiences.

WWW.USA.CANON.COM/PRODUCTIONPRINTING



PRODUCT FEATURES		imagePRESS C7011VPS Series	imagePRESS C800 Series	varioPRINT 135 Series	Océ VarioPrint 6000 Ultra+ Series	Océ VarioPrint i300
PRISMAsync Software Version		R 4.1 or Higher	R 4.1 or Higher	R3.5 or Higher	R6.3 or Higher	R1.1 or Higher
HARDWARE AND SOFTWARE FEATURES						
Job Management	Scheduler Enables Scheduler function on the user interface	Supported	Supported	Supported	Supported	Supported
	DocBox Enables storage folders as submission, editing, and storage locations for jobs	Supported	Supported	Supported	NA	NA
	Page Programmer Enables editing of jobs at the page level using actual job thumbnails at the user interface	Supported	Supported	Supported	NA	NA
	Remote Viewer Enables remote monitoring of status and schedule information	Supported	Supported	Supported	Supported	Supported
	Remote Manager Enables remote job upload, remote operation, and remote monitoring from Web browser	Supported	Supported	Supported	Supported	NA
	Multiple Queues/Hot Folders Enables ability to set automated workflow	Supported	Supported	Supported	Supported	Supported
	Operator Attention Light	Supported	Supported	Supported	Supported	Supported
Scan	Scan-to-File Scan-to-e-mail/FTP feature	Supported	Supported	Supported	NA	NA
	Scan-to-File (color) Color scan-to-e-mail/FTP feature	Supported	Supported	Supported	NA	NA
PDL	PostScript 3 and PDF	Supported	Supported	Supported	Supported	Supported (PDF only)
	PCL6	NA	NA	Supported	Supported	NA
	XPS	NA	NA	Supported	NA	NA
	IPDS	NA	NA	NA	Supported	Supported
	Adobe PDF for IPDS	NA	NA	NA	NA	Supported
	Transactional PCL 6	NA	NA	NA	Supported	NA
	PDF/VT1	Supported	Supported	NA	Supported	Supported
Streaming	PPML 1.5, 2.1, 2.2	Supported	Supported	NA	NA	NA
	Spool-while-RIP-while-print-while-cleaning-up: unlimited job length at constant print speed via cleaning up while printing	Supported	Supported	Supported	Supported	Supported
Accounting	Comprehensive account and event logging	Supported	Supported	Supported	NA	Supported
Security	E-shredding Enables ability to overwrite all user data (print/copy/scan) when they're deleted from the system	Supported	Supported	Supported	Supported	Supported
	Integrity Checker Enables ability to continuously track and validate changes to the PRISMAsync software	Supported	Supported	NA	NA	NA
	Removable Hard Disk	NA	NA	Supported	NA	NA
Image Quality	Advanced Color Management Enables color-related functions such as DeviceLink, Color Simulation, Named Color Profile, Color Mapping, Color Control, and Info Bars	Supported	Supported	NA	NA	Supported
	Trapping Enables reduction in the visibility of a misregistration between colors	Supported	Supported	NA	NA	Supported
	i1 Pro/i1Pro2 Spectrophotometer	Supported	Supported	NA	NA	Supported
Workflow Integration	Océ DPLink Enables the PRISMAsync-driven printer to be directly attached to any existing Xerox DigiPath or Xerox FreeFlow system	Supported	Supported	Supported	Supported	NA
	Océ KDKlink Enables the PRISMAsync-driven printer to be directly attached to any existing Kodak SmartBoard make-ready system	NA	NA	Supported	Supported	NA
	CCD Interface	NA	NA	Supported	Supported	NA
Other	Additional Font Sets (Japanese, Korean, Simplified Chinese, Traditional Chinese)	Supported	Supported	Supported	Supported	NA

Note: Not all features are standard.

For more information, call or visit
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