Support Solutions

A highly dependable solution for extending the performance and reliability of EQUIOS Rite in time-sensitive production lines

TRUST Network Service

- Predictive diagnosis based on monitoring of normal EQUIOS Rite status
- Provision of regular analytical reports and technical information
- Precise identification of malfunctions plus operational support and guidance

TRUST Network Service is provided as part of the EQUIOS Rite maintenance contract. Please contact your nearest sales representative for further details.

Protection of clients' EQUIOS Rite system
TRUST Guard
Accurate understanding of EQUIOS Rite conditions and automatic transmission of logs

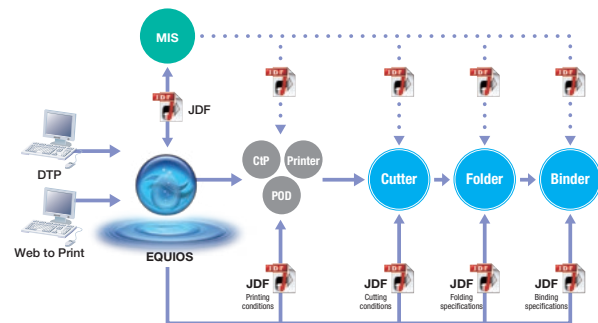Communication with clients
TRUST Dialog
Provision of regular analytical reports and technical information

Customers

EQUIOS

SCREEN support staff

Remote assistance of clients
TRUST Assist
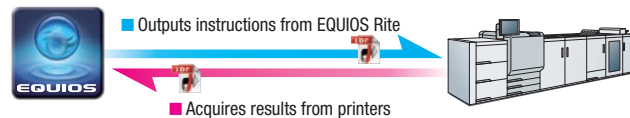Precise identification of malfunctions plus operational support and guidance

Full automation from data input to final processing

MIS

JDF

DTP

CtP — Printer
POD

Cutter — Folder — Binder

Web to Print

EQUIOS

JDF Printing conditions
JDF Cutting conditions
JDF Folding specifications
JDF Binding specifications

Improved links with toner-based POD

EQUIOS Rite can be linked with production printers (toner-based POD) available from most companies. These linkages allow EQUIOS Rite to acquire, manage and issue instructions for paper data, as well as to monitor the overall printing progress and results. Handling small-lot jobs becomes easier than ever before.

■ Outputs instructions from EQUIOS Rite
■ Acquires results from printers

Operating environment (server)

Windows Server 2012 Standard R2 64 bit
Windows Server 2016
Windows 10 IoT Enterprise LTSC 2016 64 bit **NEW**

Operating environment (client)

Windows systems:	Windows 7 Ultimate/Professional 32 bit/64 bit
	Windows 8.1 Professional
	Windows 10 IoT Enterprise LTSB 2016 64 bit
	Windows Server 2012 Standard R2 64 bit
	Windows Server 2016 Standard
	Windows 10 Pro, Windows 10 Enterprise
Mac systems:	macOS X 10.8.3 to 10.14 (recommended Java version: 1.8.0_144)

For 8-page or larger CtP devices, please select a Windows Server OS to maintain productivity and stabilize operation.

Recommended hardware specifications

EQUIOS server	CPU: 2 GHz DualCore or higher Memory: At least 4 GB HDD: At least 100 GB of available space
EQUIOS client (Windows)	CPU: 1 GHz Pentium 4 equivalent or higher Memory: At least 2 GB
EQUIOS client (Mac)	CPU: 1 GHz or higher Memory: At least 2 GB

Product Lineup

EQUIOS PT-R

EQUIOS PT-R includes EQUIOS Center, enabling integrated management of all EQUIOS workflows, and Adobe® PDF Print Engine. EQUIOS PT-R Drive can also be incorporated to provide advanced processing to maximize the utility of the overall system.

EQUIOS Center effectively manages content input, jobs, imposition, CMS and output device conditions. It also controls multiple EQUIOS PT-R Drives and enables flexible operation of the entire CtP process.

EQUIOS PPP

EQUIOS PPP is a version with limited functionality focused on outputting files from EQUIOS PT-R. EQUIOS Center and Polished Drive handle PostScript-to-PDF or PDF-to-PDF conversion by combining SCREEN's expertise with Adobe and Enfocus Preflight technologies
(Connection to CtP devices is not available.)

iPad is a trademark of Apple Inc., registered in the U.S. and other countries.

TRUST Network Service
EQUIOS Rite is covered by the Network support program.

The QR code on the right can be used to check whether this brochure is the latest version.

We reserve the right to alter product design and specifications without prior notice.

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SCREEN

CREATING A FUTURE IN PRINT

EQUIOS Rite

Workflow Solution

Proactive Print Management Starts Here

EQUIOS Rite is built on the innovative prepress systems established in Trueflow, combining a universal workflow concept with the latest technologies.
As a solution platform, EQUIOS Rite provides a major step forward in automation and ease of use in all stages from overall process design to imposition, as well as progress and quality management.

CIP4 ORGANIZATION

ADOBE® PDF PRINT ENGINE

EQUIOS ART & UX
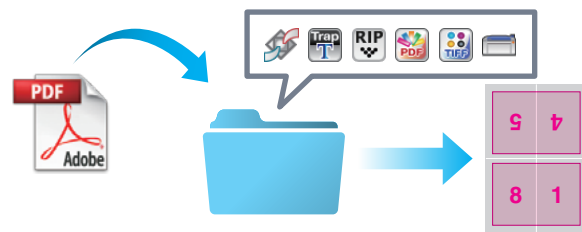
EQUIOS Rite

Total automation and streamlining accelerate your printing business

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Automation

Hot folder operation supports rule-based automation

All required processes including input, trapping, imposition and output can be planned in advance as job templates for automatic execution. No changes are needed to the output settings even if the output destination or imposition pattern is revised.
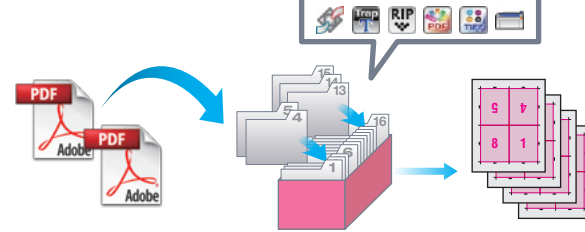
Automatic drag and drop processing

Flexible job execution smoothly handles processing changes

Using multiple job tickets enables a wide range of tasks to be executed. It provides flexibility when submitting data in sections or replacing page data, as well as when the imposition layout needs to be altered due to a sudden change to a press.

Streamlining of complicated tasks

Imposition

Simple imposition design utilizes fold catalogs

EQUIOS is compatible with CIP4 and is preloaded with EQUIOS standard fold catalogs. A variety of imposition patterns can be applied in a few simple steps. Changing the templates is also easy and there is no need to manage large numbers of similar layouts.

Imposition designs are linked to the fold scheme, allowing the settings to adjust automatically if any element changes.

Page size · Accessories · Plate size · Sheet size · Wrap width

Automatic adjustment of page size

Rotation and enlargement/reduction can be set freely for each page.

Size adjustment (enlargement, reduction)

Page rotation

Free progress imposition

Items such as playing and trading cards can be imposed with greater efficiency.

Free page sequence setting

Easy operation
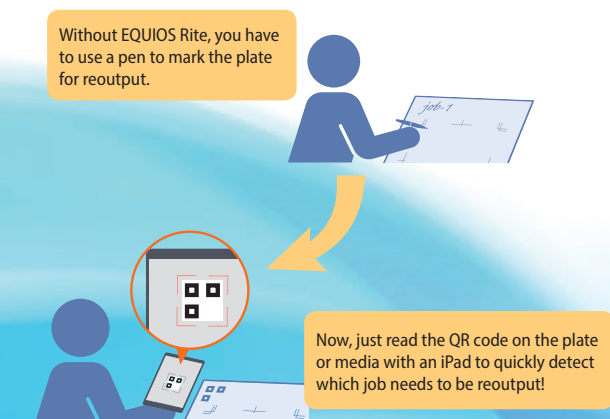
Simple Job Controller streamlines processing

An iPad can be used to register and output printing instructions for jobs. These jobs can be registered as soon as their orders are received, which significantly improves efficiency. Anyone can create output instructions by designing templates for imposition and output in advance.

Create a job simply by clicking this button

Check the progress of prepress tasks in Job Status

Check the progress of job output in Status

Job details can also be checked easily

Just select the job and press, and then create the output instructions!

QR codes allow checking of jobs requiring reprinting

When a plate is damaged and needs to be output again, you can detect which plate it is by reading the QR code on the plate with an iPad. This reduces the time and effort required to find the job data and also eliminates mistakes.
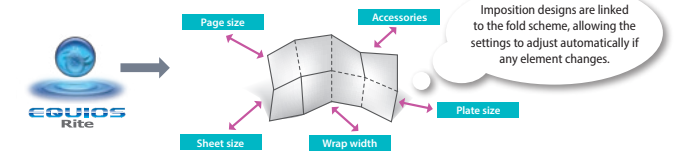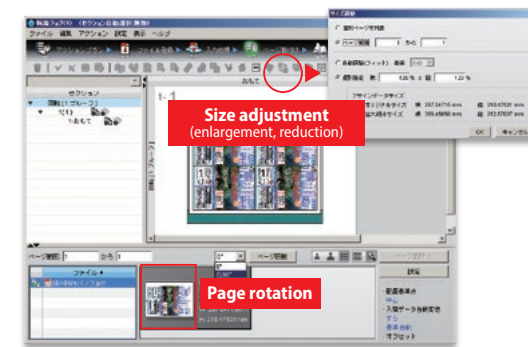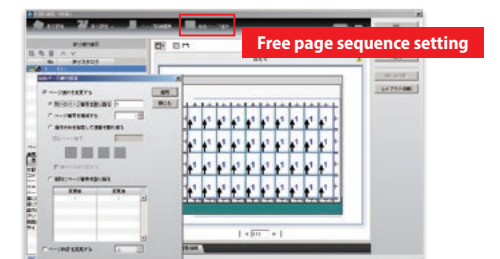
A barcode option for books is necessary to create QR codes.

Without EQUIOS Rite, you have to use a pen to mark the plate for reoutput.

Now, just read the QR code on the plate or media with an iPad to quickly detect which job needs to be reoutput!

Reliability

Latest RIP core improves stability of output results

EQUIOS Rite incorporates Adobe's latest RIP core, Adobe® PDF Print Engine, and the latest Adobe® PDF Library. It also includes PitStop for enhanced preflight functionality.

PDFs with transparency effects are now processed directly with higher accuracy. Reproduction of line widths and colors composed of overprints has also been greatly improved. EQUIOS Rite truly improves the productivity of the latest PDF-centered workflows.

Support of Mercury RIP Architecture

The Mercury RIP Architecture is a scalability framework and multi-tier cache technology developed by Adobe for its PDF Print Engine. It enables enhanced, high-performance rendering.
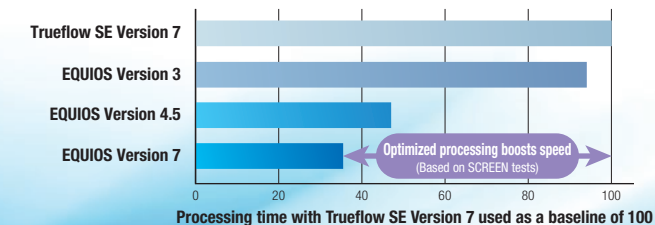
POWERED BY **Adobe PDF Print Engine** with **Mercury** RIP Architecture.

High-speed processing

Dramatically faster performance

Comparison of processing times

Tickets: Input processing • Imposition scheme • DotTiff (2400 dpi)
Imposition scheme: A4, 1,030 x 800 mm plate, 40 4-page signatures for both sides, 320 pages

Trueflow SE Version 7	
EQUIOS Version 3	
EQUIOS Version 4.5	
EQUIOS Version 7	

Optimized processing boosts speed (Based on SCREEN tests)

0 20 40 60 80 100

Processing time with Trueflow SE Version 7 used as a baseline of 100

Efficient parallel processing

Supporting parallel processing functionality since its initial release

Comparison of processing times

Standard RIP — Sequential processing
1 2 3 4 5 6 7 8
Processing time

EQUIOS Version 7 — Parallel processing
1 5 / 2 6 / 3 7 / 4 8
Processing time