Brisque Workflow Products

The world's most trusted workflow

- Brisque Entro
- Brisque Pro
- Brisque Impose
- Brisque Pack
- Brisque Serve
- Synapse InSite
- Synapse Prepare

creo™

Brisque Workflow Products

As the print industry continues to advance in speed, capabilities and competitiveness, printers and prepress shops face increasing pressure to serve their customers faster and more cost-effectively. Brisque™ workflows from Creo—with the flexibility of a PDF workflow and the reliability and security of the CT/LW production file format—help printers meet the challenge with open standards, adaptability, ease of operation, and the stability of the world's largest installed base.

There is a Brisque workflow and option package to serve virtually any prepress need, from short-run high-speed operations to automated high-volume production; from dedicated workstations to globally distributed printing. Brisque is integrated with Synapse™ creative products that open the workflow to designers, buyers and customers, and ready for Creo Networked Graphic Production, that integrates business processes and business information management into your content production workflow.

The workflow of choice for print industry professionals, Brisque offers the unique combination of a field-proven product, leading-edge high-performance hardware, and compatibility with every popular file type and output device.
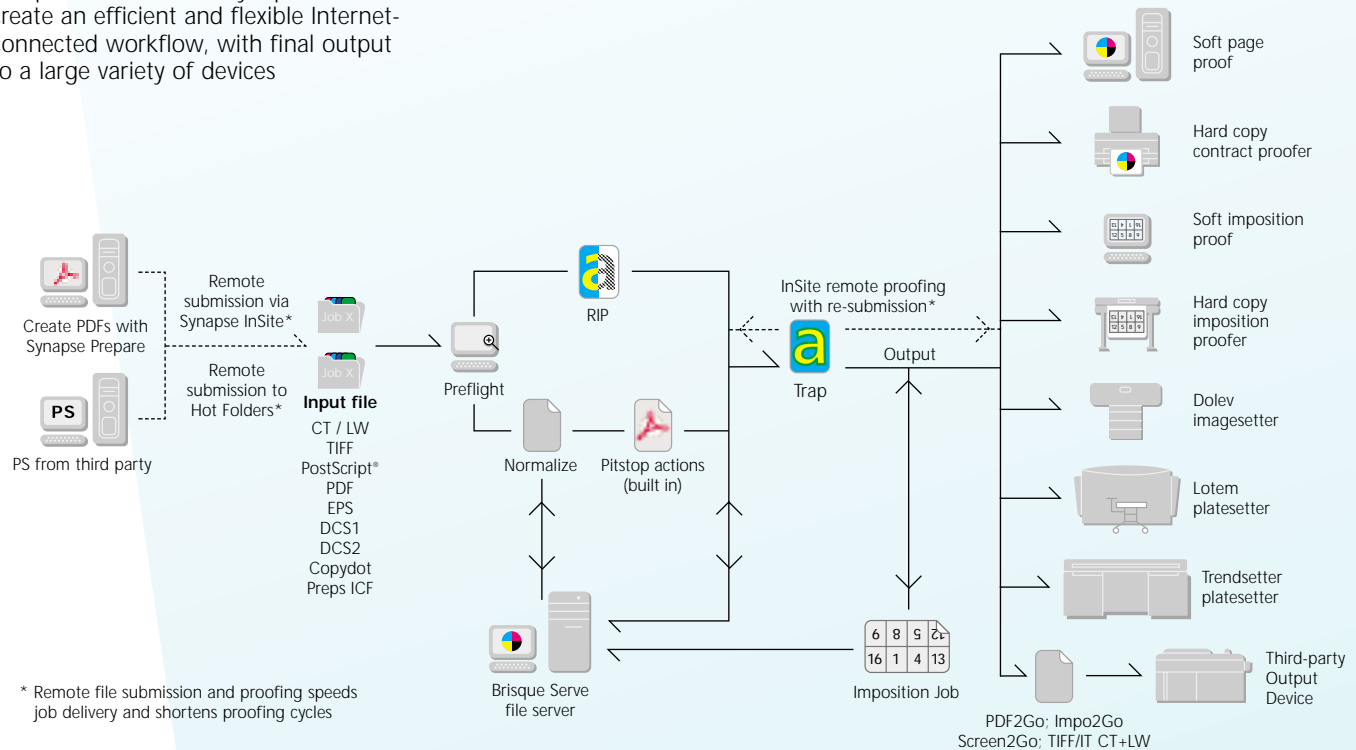
Brisque Workflow

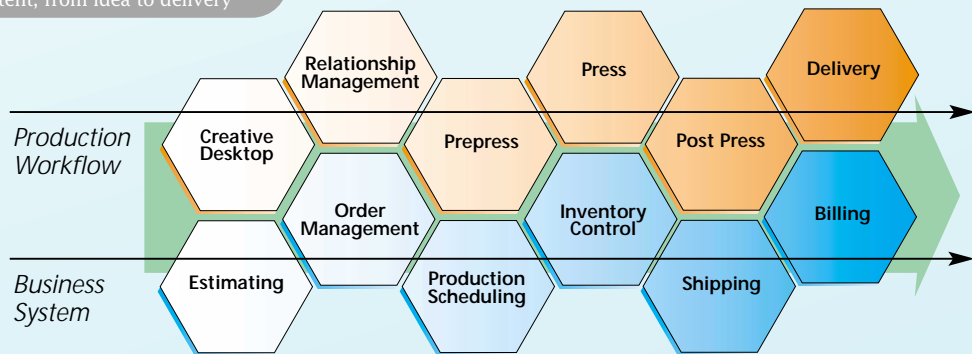Brisque workflow and Synapse software
create an efficient and flexible Internet-
connected workflow, with final output
to a large variety of devices

Create PDFs with
Synapse Prepare

PS from third party

Remote
submission via
Synapse InSite*

Remote
submission to
Hot Folders*

Input file
CT / LW
TIFF
PostScript®
PDF
EPS
DCS1
DCS2
Copydot
Preps ICF

Preflight

Normalize

Pitstop actions
(built in)

RIP

Trap

InSite remote proofing
with re-submission*

Output

Brisque Serve
file server

Imposition Job

Soft page
proof

Hard copy
contract proofer

Soft imposition
proof

Hard copy
imposition
proofer

Dolev
imagesetter

Lotem
platesetter

Trendsetter
platesetter

Third-party
Output
Device

PDF2Go; Impo2Go
Screen2Go; TIFF/IT CT+LW

* Remote file submission and proofing speeds
job delivery and shortens proofing cycles

Networked Graphic Production from Creo

Connecting people, process and content, from idea to delivery

Networked Graphic
Production links creative,
production, and business
technologies to make printing
more streamlined and to
better serve everyone
involved in the print process.
Tightly integrating Creo and
partner technologies,
Networked Graphic Production
is an ongoing development
that promises:

Production Workflow

Business System

Creative Desktop

Relationship Management

Press

Delivery

Prepress

Post Press

Order Management

Inventory Control

Billing

Estimating

Production Scheduling

Shipping

Improved Customer Service
by using the Internet for online quoting, job
submission, project collaboration, as well as
online proofing, change requests and
approvals. Online communication saves
courier and travel costs, reduces production
delays, and provides a record of each
interaction.

**Streamlined Production
Management**
with all systems tied into one database-driven
network to track every transaction. Resource
planning is simplified, billing errors and
change orders are reduced, while automatic
load balancing optimally allocates jobs to
operators and equipment.

**Integrated Production and
Business Systems**
increase efficiency, collaboration and
coordination by merging information about
scheduling, invoicing, billing, and purchasing
into the production network.

Optimized Press-ready File Creation
with automated software tools, designers and
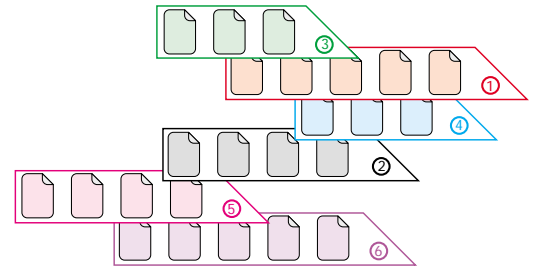prepress shops can reduce the cost of errors
and the delays to repair files.

Automated Content Management
provides software tools for regionalization,
versioning, personalization, job-based
archiving, and re-purposing of print and
electronic publishing. An integrated
production network will provide quick
access to online digital assets, such as
image libraries, templates, and reprint
jobs.

Brisque
the world's most trusted workflow

Brisque Entro
The affordable entry into the Brisque workflow

Brisque Entro is the workflow choice for prepress operations who require the core file processing capabilities and efficiency of a Brisque workflow to drive CTP or CTF devices. Brisque Entro is capable of handling high volumes of work, while driving the highest speed output devices, and is fully upgradable to the functionality and options of Brisque Pro and/or Brisque Impose workflow solutions.

Brisque Pro
The flexible, powerful, scalable workflow solution

Brisque Pro offers the power of Brisque Entro plus the benefits of PressTouch™, automated Full Auto Frames trapping, page and form proofing, and the ability to expose to film and plate. Both ICC color management and Pantone® spot colors are handled accurately with proofer-to-proofer consistency. ICC Profiles can be generated using world-class Creo Profile Wizard™ software as an option.

Automated Full Auto Frames trapping distributes trapping tasks including continuous tone (CT) trapping and split frame trapping. The Frame Decision List makes it easy to distribute work, by previewing, modifying and executing trapping decisions on different PressTouch workstations. You can also optionally trap post-

RIPed Brisque pages on a separate Macintosh® computer. Image positioning can be manual or automatic, and you can proof single or reader spreads.

Brisque Impose
Fast, powerful, page-independent impositioning

Brisque Impose includes all Brisque Pro capabilities plus ICC color management and Pantone spot color handling, an interface to a broad range of Iris® and other proofing devices, and flexible, high-throughput "Just-In-Time" page-independent impositioning.

Brisque Impose maximizes press-operating time, shortens make-readies, and handles unexpected pressroom problems without the need for reprocessing flats. Press-related settings, such as screening, dot gain compensation and imposition, are performed on the Brisque Impose before output, so you can incorporate last-minute changes with ease. InkPRO™—which enables automatic ink-key pre-settings in the pressroom—can be added as an option.

Brisque Hardware

The actual shop-floor performance of your Brisque workflow is derived from the combination of your software configuration (Brisque Entro, Pro, Impose or Pack with optional Brisque Extenders and Enhancers) and the hardware platform you choose. Brisque

workflows offer the unique combination of stable, mature software technology and leading-edge, high-performance hardware, that is scalable to accommodate growth in your business.

For faster throughput, you can order your Brisque system on multi-CPU platforms with up to six CPUs, to drive several CTP, CTF and proofing devices concurrently. A single Brisque system can independently RIP individual pages in parallel, regardless of their place in the imposition, and simultaneously send the same impositioned file to different output devices.

Brisque Performance Series models exploit the full power of the latest AIX-based IBM® desk-side units, employing state of the art copper-chip technology. The multi-processor platforms feature the acclaimed RAS (Reliability/Availability/Serviceability) strategy maximizing uptime by automatically reassigning jobs in the unlikely event of a processor failure. Each member of the Brisque family is available in a choice of platform and CPU configurations, tailored to your volume and throughput needs.

Contact your Creo representative for up-to-date platform details and specifications.

Brisque Pack

for the specialized needs of packaging trade shops, printers and converters
Brisque Pack brings the automation, color handling and trapping tools of the Brisque workflows to the packaging industry, and drives offset, flexographic and gravure output devices. Brisque Pack provides a RIP Once, Output Many workflow and a choice of low-resolution stepping (LRS) and Macintosh-based StepOne™ with Packaging Control File (PCF) format to streamline and accelerate the step-and-repeat process.
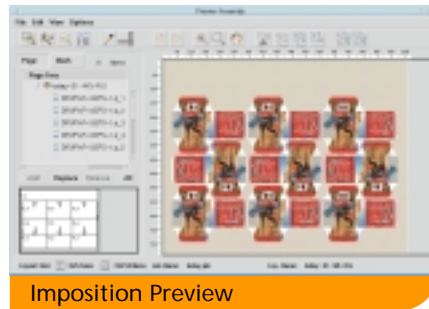
Brisque Serve, Timna and Timna@Web

database automation for Brisque workflows
Brisque Serve transforms a Brisque workflow into a fully automated job and file management system with backup, archiving, production data management and file processing. Brisque Serve integrates a Timna™ production data management solution, and Brisque prepress modules, while adding intelligent data security, data management and

archiving. The result is reduced processing load for the Brisque stations and faster overall system throughput.

Timna uses a powerful database to organize jobs on the server and efficiently manage the prepress production environment. Timna's automatic data organization, including search, retrieval and archiving operations, saves time for every operator and increases operator efficiency.

Imposition Preview

Full control and management of impositioned flats streamlines productivity

Timna@Web™ connects Timna to the Internet, so remote users can deliver files, search, retrieve and modify files using a standard Web browser.

SAN DataDirector

high-speed network infrastructure for multiple Brisque systems
SAN DataDirector (SDD) is a next-generation network infrastructure device (Storage Area Network appliance) that manages and transports vast numbers of files, job data and images at very high speeds between multiple Brisque workflow systems and shared storage resources.

In high-capacity environments, a SAN DataDirector can accelerate the Brisque workflow up to 250%. Each SDD consolidates data storage and centralizes data management for up to eight Brisque workflow systems. Capacity can be allocated on the fly, to any Brisque workflow system that needs it. Backups can be performed directly from the SDD, without consuming LAN resources. Additional Brisque systems can plug directly to the SDD, without direct attached storage.

Brisque Workflows

	Brisque Entro	Brisque Pro	Brisque Impose	Brisque Pack
RIP	Yes	Yes (automated)	Yes (automated)	Yes (automated)
Image Replacement (APR/OPI)	Yes	Yes (automated)	Yes (automated)	Yes (automated)
Expose	Option	Option	Option	Option
Trap (Full Auto Frame)	Option	Yes	Yes	Option
Proof (Half Tone or Continuous Tone)	Option	HT and CT	HT and CT	Option
Step and Repeat automation	Yes	Yes	Yes	Yes
Imposition Proofing	Option	Yes	Option	Option
Screening	Option	Option	Yes*	Option

* multiple CPU version supports two screening devices

Synapse

extending the workflow beyond the prepress floor

Synapse software tools facilitate and accelerate your Brisque workflow. Synapse InSite links Web-connected customers to your prepress system, and Synapse Prepare helps you ensure that your designers deliver production-ready files, built to the printer's specifications.

Synapse InSite
the Internet Portal into the Brisque workflow
Synapse InSite is an Internet portal that connects your customers to your prepress department. With InSite, customers can submit jobs, track job status, remotely proof and approve jobs, and collaborate with everyone involved in the project, using a standard Web browser on a secure Internet connection.

Synapse Prepare
coordinating creative and production for consistent, accurate file preparation
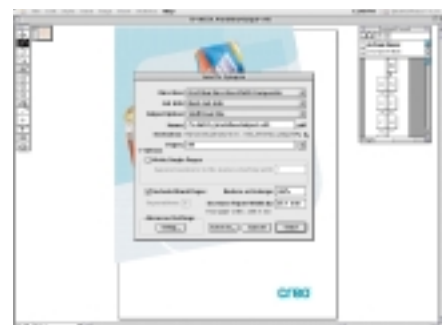Synapse Prepare helps designers and production houses by ensuring that submitted jobs match the destination production environment. With Synapse Prepare, it takes a single mouse click for a designer to prepare a PDF file that precisely matches your technical specification—avoiding the delays and costs of rework and re-submission.

Synapse Prepare Pro lets production houses specify their technical requirements to designers. With Synapse Pro you create "directives"—specifying the QuarkXPress™, Adobe® Acrobat® Distiller and preflight settings—that control the PDF files that Synapse Prepare creates. With Synapse Prepare Pro and Synapse Prepare, you are ensured of compatible, press-ready PDF files that make the best use of your equipment's potential.

Synapse InSite

With web collaboration, reviewers can zoom, pan and make annotations, and engage in an online "virtual conference" chat.

Synapse Prepare

Once a file is complete, the designer selects the press environment and Synapse Prepare software creates the production-ready PDF file.

Brisque options and features

Brisque Extenders and Enhancers open your Brisque workflow to interact with the
widest variety of input formats and working environments.

Brisque Extenders

Impo2go	outputs entire post-RIP imposed flats in low-res PDF format for remote viewing, annotation and printing.
PDF2Go	outputs Brisque jobs as PDF files, for export to remote devices, or for client review, annotation and printing.
ExportPS	exports post-RIP files in PostScript format for compatibility with all PostScript devices
Screen2Go	outputs screened files to CTP, CTF or proofing devices in TIFF/LZW, G4 and Packbits formats, with full control over screening parameters and tone reproduction.
TIFF/IT-P1	imports and exports TIFF/IT-P1 files for easy file exchange to other platforms.
PitStop (for PDF2Go)	(licensed from Enfocus) edits PDF2Go files in Adobe Acrobat

Brisque Enhancers

PressTouch	Macintosh application for viewing, editing and trapping pages and LW files.
Versioning	eliminates the need for separate files when language or price elements change. Available as a Versioning Xtension for QuarkXPress, and as a Brisque Versioning Module.
Color2Disk	ICC profile color matching to output devices, for CT/LW or CT files
Profile Wizard	allows you to easily create and edit ICC Color Profiles. These include Input, Output, DeviceLink, X-color and Display profiles.
InkPRO	digitizes the ink-keying process on offset presses; automatically sets the ink keys on the press for perfect ink-duct settings (supports the CIP3* standard).
Web Growth	solves misregistration due to "web growth" by shifting CMY color elements to the center of the paper.
FDL and Zone Protection	Frame Decision Lists allow for interactive trapping and zone protection decisions to be previewed on the client across the network via Creo PressTouch with a real time preview—preparing decisions for automated processing on the Brisque.

Brisque Features (standard and optional)

Input File Types	PDF, PostScript, EPS, TIFF, TIFF/IT-P1*, 1-bit TIFF, DCS1, DCS2, ICF, PCF, LW, CT
Process File Type	CT/LW
Output File Types	CT/LW (Brisque Job), PDF*, PostScript*, 1-bit TIFF, TIFF/IT-P1*, Brisque Imposition Job, Brisque Packaging Job
Output Devices Supported	soft page proofers, hard copy contact proofers, soft imposition proofers, hard copy imposition proofers, Creo Iris and Spectrum proofsetters (Brisque Pro, Brisque Impose), Creo Dolev* CTF imagesetter, Creo Lotem™ CTP platesetter, Creo Trendsetter* CTP platesetter, Flexographic and gravure devices, incl. Creo ThermoFlex™ (Brisque Pack), third-party devices via Brisque Extenders
Multiple CPUs	2,4 or 6 independent multitasking CPUs (IBM-based Creo Performance Series Dual, Quad and Sixt platforms)
Job Ticket	Streamlines production; distributed Job Ticket spreads work across several workflow systems
Multiple-Device Support	Capable of concurrently driving up to four digital blueline proofers, up to two Iris contact proofers, as well as one CTP and one CTF device
Database Server	Brisque Server with Timna database software and Timna@Web Internet access available for all Brisque versions
Versioning	Avoids manual RIPing of separate layers; all versions, carried on a single Brisque Job, can be implemented on Brisque or through DTP
Enhanced Screening*	Supports AM, FM and Staccato* screening

* via Brisque Extenders and Enhancers

Creo Customer Services

helping you profit from your Creo solution

Whatever the extent or complexity of your needs, our experts in support, technical education and service can help you plan, install, manage and grow your prepress system. Our experience is unmatched in the industry: we have installed, and support, more than 2500 CTP and 9000 CTF systems, each one uniquely developed for specific production requirements.

Expert service means faster deployment

Our service teams will get you up and running sooner, with a solution that's designed with your business and operational needs in mind.

Professional training for greater productivity

Our prepress training programs are among the most comprehensive in the industry.

Uptime support maintains production levels

Our comprehensive, personalized support plans can help maintain optimum performance and productivity to meet your uptime needs. We focus on failure prevention, software and firmware enhancements and technical assistance, whenever and wherever you need it.

Let's Talk

Contact your Creo representative to learn how a Brisque/Synapse workflow, with the appropriate Brisque Extenders and Enhancers, can be customized to suit your current needs, while opening an upgrade path to the future.

About Creo

Creo (NASDAQ:CREO; TSE:CRE) is the world's largest independent supplier of prepress systems, with sales and support offices across the globe. Creo produces digital photography equipment; professional color and copydot scanning systems; variable information workflow systems; inkjet and halftone digital proofers; computer-to-film and computer-to-plate devices; color servers for print-on-demand digital printers, and a comprehensive range of workflow, business management, networking, variable information, and creative software products. Creo is also an OEM supplier of on-press imaging technology and components for digital presses.

Produced using Creo technology

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