

CGS Fact Sheet – ORIS Ink Saver™

About ORIS Ink Saver

ORIS Ink Saver is a process separation optimization program designed to improve printing and save on ink or toner using advanced color-managed GCR and UCR algorithms. ORIS Ink Saver's simplified interface allows even the novice user the ability to create exacting, high quality GCR profiles. It includes additional workflow tools to augment any workflow or to standalone as complete package. ORIS Ink Saver provides accurate reporting of before and after ink or toner utilization for each document along with full pre-flight. Included is the ability to do RGB to CMYK conversions as well as other ICC based color transformations for images.

Feature	Benefit
Reduces process ink or toner	 Lower ink or toner cost overall but especially in the more expensive YMC colors Better and easier gray balance Reduce ink piling in toner and UV ink printing Allow for use of lighter weight papers further reducing printing costs Reduces make ready waste as press comes to color faster. Reduces banding due to uneven ink or toner lay down Reduces the use of powder in offset printing Increase printing speed Lower dryer temperature
• Reduces process ink or toner continued	 Print Green less pollutants, less energy Less print variability – More stable printing





- Superior Algorithm
- Total Area Coverage (TAC) adjustment
- RGB-CMYK conversion
- Optional add-on, ORIS GCR profiles can be converted to ORIS link profiles which are compatible with standard device links.
- Spot Color Tables included along with ORIS patented iterative spot to CMYK conversion.
- PDF Tuner included
- Ink Usage Report
- Workflow tools
 - Regular Expressions
 - o Email
 - o Zip

- Improved shadow detail
- Maximum GCR but easy to print on press
- Adjust files to a common TAC. An improperly set TAC can ruin a press run.
- Incoming pages with RGB can be converted to the proper CMYK press profile and then GCR/UCR applied.
- No external processing or change to current workflow allowing ultimate workflow flexibility.
- No need to build time consuming spot color tables. Spot to CMYK is tuned to press color space. Spot colors needed in job are passed through unchanged.
- Allows for late stage editing and marking of objects to be excluded from GCR
- Show before and after ink usage. Easily predict ink consumption for a job including spot colors.
- Allows you to do more and integrate easily into your workflow





 FTP Send and Receive 	
 Prinergy RBA hotfolder 	
 Preflight 	Novice user can easily create maximum
o Queries	safe GCR profiles. Evaluate profiles for
o Routing	usability.
GUI dynamic graph analysis	 Calculates ramifications of transparent objects. GCR is applied on an object by object basis so correct level of GCR is
Object based	appliedCreates print ready files streamlined for
	production
File normalization	Create a workflow that puts all images
	to a common color space.
Color space normalization	 Fits in your workflow. No worries or need to change file formats
Most file formats supported	
o PDF	
• PS	
o EPS	
• DCS	
◦ TIFF	
o Jpeg	• No third party tools needed for profile analysis and correction.
• Tiff/it & Scitex CT/LW	
o BMP	
• Even in separated format	
Color Management Tools Included	

Software

• Operating System: Windows 2003 Server, XP Professional, Vista or higher

Hardware

- Processor: Intel Pentium Dual Core or higher
- Memory: 1 GB RAM, min. 80 GB hard disk

The hardware requirements depend on the operating system used, and on the number and type of files output.

