CalderaRIP
Version 13

CALDERA

Caldera
GrandRIP+

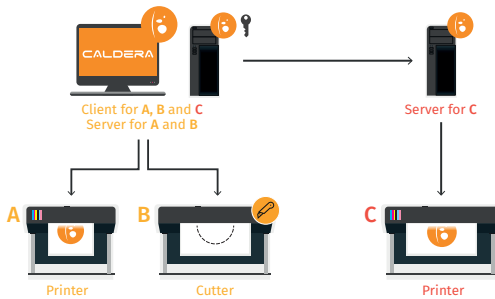## Print&Cut software package built for Industrial Printing applications

- **Unifies workflow from prepress to print & cut tasks**
- **Ensures reliable color reproduction**
- **Automates tasks**
- **Increases your performance**

Developed for grand format, high-production and multiple device environments

CLIENT-SERVER ARCHITECTURE

Purchase one main license and share it with all computers (Mac and Linux) in your network. A Client computer requests different devices in your network to compute jobs, while a Server computer executes the requests. Add as many Clients and Servers as you need to drive an unlimited number of devices.

Client for **A**, **B** and **C**
Server for **A** and **B**

Server for **C**

A Printer **B** Cutter **C** Printer

UNIFY YOUR PRODUCTION
- One single platform to control your production, updates and configurations
- Better throughput and color homogeneity
- One update for all your machines
- Reduced training time

HIGH PERFORMANCE

GrandRIP+ integrates the Open Computing Language (OpenCL) technology which allows the simultaneous use of multi-core CPUs and GPUs. Take full advantage from all your resources and produce more while reducing your hardware needs.

BOOST YOUR PRINT PROCESS
- Faster image processing
- Improve your hardware profitability (ROI)
- Optimize the use of your resources
- Caldera Rack Server for more reliability

MULTI-LEVEL AUTOMATION

From automatic recognition of shapes when nesting to preset configurations for quicker submission of jobs to the printer, GrandRIP+ gives you a complete automation tool box. Thanks to this, you will have more time for other tasks.

GAIN TIME AND PRODUCTIVITY
- Create your own production workflows
- Benefit from hotfolders
- Send jobs to print in a couple clicks
- JDF/JMF communication with Nexio (option)

COLOR MANAGEMENT

Caldera's Print&Cut packages include an easy and powerful color management solution: EasyMedia. This step-by-step wizard will help you reproduce colors consistently across all your print configurations and on any type of media.

ATTAIN COLOR CONSISTENCY ACROSS YOUR OUTPUT
- Calibrate your devices and ink use
- Download color profiles for free from our online library
- Create your own ICC profiles
- Access to popular spot color libraries (Pantone, RAL, HKS, …)

For Industrial Printing

For Packaging

For Grand and Super-Wide Signage

Caldera
GrandRIP+

Key features of Version 13

Print&Cut Mirror

For dye sublimation and backlit printing, this new feature will save up to 20% of prepress time by allowing you to mirror print and cut data directly in the RIP.

TileOrder

You can now adapt the order in which you print tiles to achieve significant onsite time savings during large tiling jobs, blueback and building wrapping.

CalderaJobs - Detailed View

Save time by managing a clean view of your past jobs. Archive, save or delete jobs while keeping track of production with a new, faster search engine and detailed job view.

Custom Annotations

This allows users to customise the information they include in annotations rather than the legacy Caldera standard or detailed information, saving space on media and allowing for circumstances when you can't use a barcode or qrcode reader.

Alpha-to-Spot

Save up to 60% of prepress time by automatically converting transparent backgrounds to spot channels.

Adobe Textile Designer Integration

Gives you the ability to design with confidence and print with accuracy, using a single streamlined process for accurate textile print production. You'll be assured accurate pattern repeatability, with correct and consistent color management across all devices.

FEATURES		
Applications	Industrial Printing & Packaging	
	Pro Edition	Enterprise Edition
# users included	1	1
# printer drivers included	1 Grand	1 Grand
PDF WORKFLOW		
Adobe PDF Print Engine 5.0	✓	✓
PREPRESS		
Tex&Repeat	✓	✓
PrintBleed	✓	✓
Compose	✓	✓
Tiling tool	✓	✓
CUT WORKFLOW		
Contour Nesting	✓	✓
Cut Server	✓	✓
Grand Cut Server	Option	✓
Trim-O-Matic	Option	Option
PRODUCTION OPTIMIZATION		
Cost Estimation	Option	✓
Hardware acceleration	Option	Option
InkPerformer	Option	Option
COLOR MANAGEMENT		
ICC profile creation	✓	✓
Spot Colors	✓	✓
Custom Inkset	Option	Option
Print Standard Verifier	Option	Option
RGB Workflow	Option	Option
AUTOMATION		
Unlimited Folders	✓	✓
Nexio	Option	Option

DISCOVER OUR BEST-SELLING OPTIONS

INKPERFORMER

For each job, the best combination of inks is calculated in order to reduce the overall quantity of ink used while maintaining the quality of your prints. Reducing the amount of ink used allows faster drying time and cuts down on production costs.

HARDWARE ACCELERATION

Hardware acceleration lets you take advantage of your computer's full capacity to speed up RIP and print times. Thanks to the OpenCL™ technology, all central processing units (CPU) and graphics cards (GPU) are in sync with your production.

RESOURCES

GET A FREE CALDERA DEMO VERSION
workspace.caldera.com

ACCESS OUR ONLINE KNOWLEDGE CENTER
calderadesk.caldera.com

You Tube **WATCH OUR VIDEOS**
youtube.com/calderarip

SYSTEM REQUIREMENTS

Caldera's solutions are Linux and Mac based. Take advantage from these operating systems developped for performance and reliability (Debian GNU/Linux) and from the designers' preferred and secure platform (MacOSX). Mac and Linux, your best choice for optimal resource management and quality workflow. Caldera also proposes Dell PC solutions adapted to your production needs, with our RIP already installed and ready to be used. Ask your reseller for Caldera-Dell stations to check which solution suits you best.

CALDERA
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