CalderaRIP
Version 15

CALDERA

Caldera
GrandRIP+

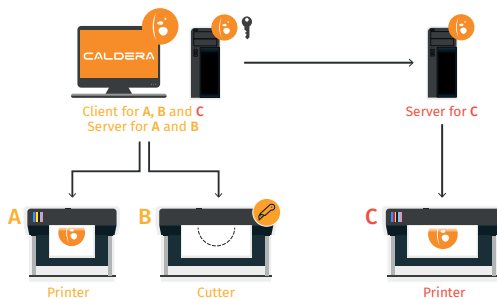## Print&Cut software package built for Industrial Printing applications

- **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

CalderaRIP
Version 15

CALDERA

Caldera
GrandRIP+

New Version 15 features

Preview
With the Preview, we have made job verification and production management a lot easier. Within the Caldera Spooler and CalderaJobs, open a preview in full screen and zoom in to easily identify the jobs inside the nest and check the marks before printing to avoid unwanted errors and waste.
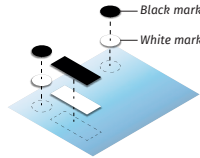
Wide Contour Offset
With Wide Contour Offset, benefit from an increased range of Cut Contour offsets (from [-10mm, +10mm] to [-100mm, +100mm]). This feature greatly improves the accuracy of the cutting process on shrinking or distorting textile substrates.

White Under Marks
The White Under Marks feature has been designed to improve cutting accuracy on all types of non-white media. When printing on dark, transparent or metallic substrates, and if white ink is available on the printer, CalderaRIP adds white ink under and around the cutting marks and codes to improve the cutter detection.

Black mark
White mark

CalderaCare features of V15

SmartImport
SmartImport can automatically extract meta-data from the filename, such as the number of copies, targeted printer or presets in order to speed up job submission of traditional file-based workflows. Moreover, Scale, Height and Width settings can be applied to ease the production of your wide-format projects.

PrintProof
The PrintProof feature helps print companies to improve their validation workflow by giving them the possibility to export a TIFF proof of their jobs after the ripping process. These proofs can be used for final approval from their customers before production to avoid unwanted media and ink waste.

CalderaJobs - Filter by Date
The CalderaJobs interface has been improved to let users filter their jobs by date. In just a few clicks, easily find any job to reprint or archive it, or even archive a specific day, week or month of your production.

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 5.5	✓	✓
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
helpdesk.caldera.com

WATCH OUR VIDEOS
youtube.com/calderarip

SYSTEM REQUIREMENTS
Caldera's solutions are Linux and Mac based. Take advantage from these operating systems developed 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
a DOVER company

CALDERA - 1 rue des Frères Lumière - P.A. d'Eckbolsheim - 67201 Eckbolsheim - France
www.caldera.com -Tel. +33 388 210 000 - Fax +33 388 756 242 - contact@caldera.com