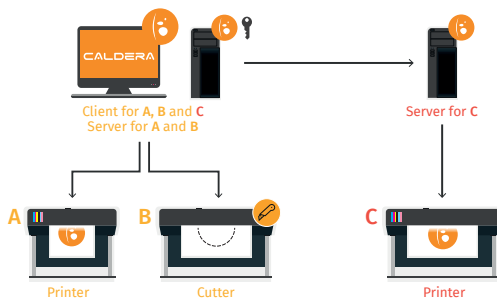# Caldera
GrandRIP+

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.

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

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 accros 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, ...)

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 of 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)

Caldera
GrandRIP+

WHAT'S IN THE BOX?

FEATURES

Printer Type	Controller & Direct, Roll-to-Roll & Flat-bed
Ink Types	Aqueous, Eco-Solvent, Solvent, Latex, UV, Dye-Sub
Applications	Industrial Printing & Packaging

	Special Edition	Full Edition
PDF WORKFLOW		
Adobe PDF Print Engine 4.0	✓	✓
PRODUCTIVITY		
Multi-task environment	✓	✓
RIP & Print simultaneously	✓	✓
Fast Preview	✓	✓
Image repetitions (Step & Repeat)	✓	✓
Tiling	✓	✓
Grommets positioning	✓	✓
Nesting	✓	✓
Hardware acceleration	Option	✓
# printer drivers included	1	4
Additional printer drivers	Option	Option
# users included	1	2
Additional User	Option	Option
COLOR MANAGEMENT		
ICC profiles creation	✓	✓
Spot Color matching	✓	✓
Spot Ink support (white, varnish, metallic…)	✓	✓
Color Librairies (Pantone, HKS, RAL, NCS, PPG)	✓	✓
Access to Caldera Profile Library	✓	✓
Custom InkSet	Option	Option
RGB workflow	Option	Option
AUTOMATION		
Create workflows to automate tasks	✓	✓
Hot Folders	✓	✓
Automate nesting	✓	✓
QuickPrint	✓	✓
CUT WORKFLOW		
Cut Marks	✓	✓
True shape nesting	✓	✓
Roll-to-roll cutter	1 driver	1 driver
Flatbed cutter	Option	1 driver
Trimmers support	Option	Option
PRODUCTION OPTIMIZATION		
QR Codes positioning	✓	✓
Ink and media consumption estimation	Option	✓
Aggregate and export cost estimations	Option	✓
Ink savings module	Option	Option
QUALITY MONITORING		
Control&Quality module (FOGRA)	Option	Option
Control&Quality module (G7)	Option	Option

VERSION 11

CALDERA RIP LATEST VERSION ENHANCEMENTS!

Smoother shades and seamless gradient blend thanks to the latest update of Adobe PDF Print Engine

New finishing **tools for canvas and lettering** (PrintBleed)

Manage RIP stations, print configurations and updates for your entire fleet in a single interface (Sync&Deploy)

Increased RIP speed thanks to the new OpenCL technology

Optimized for **Print Clustering** and **Digital Presses**

RESOURCES

GET A FREE CALDERA DEMO VERSION
demonet.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.