

EN



Print Software Driven by Innovation

About Caldera

Since 1991, Caldera develops software for the inkjet printing industry.

We drive large format devices with a focus on productivity and efficiency for optimal color management in a controlled production workflow.





Caldera RIP is the only software on Mac and Linux that automates pre-press tools and drives over 1000 printers and cutters.

Caldera helps you to consolidate your production by using a single RIP to operate all of your printers, for a coherent output and to save time, ink and media on all your printing jobs.

Our industry-leading solutions for printing and cutting workflows are the preferred choice of major players in large format printing worldwide.



Minimum configuration

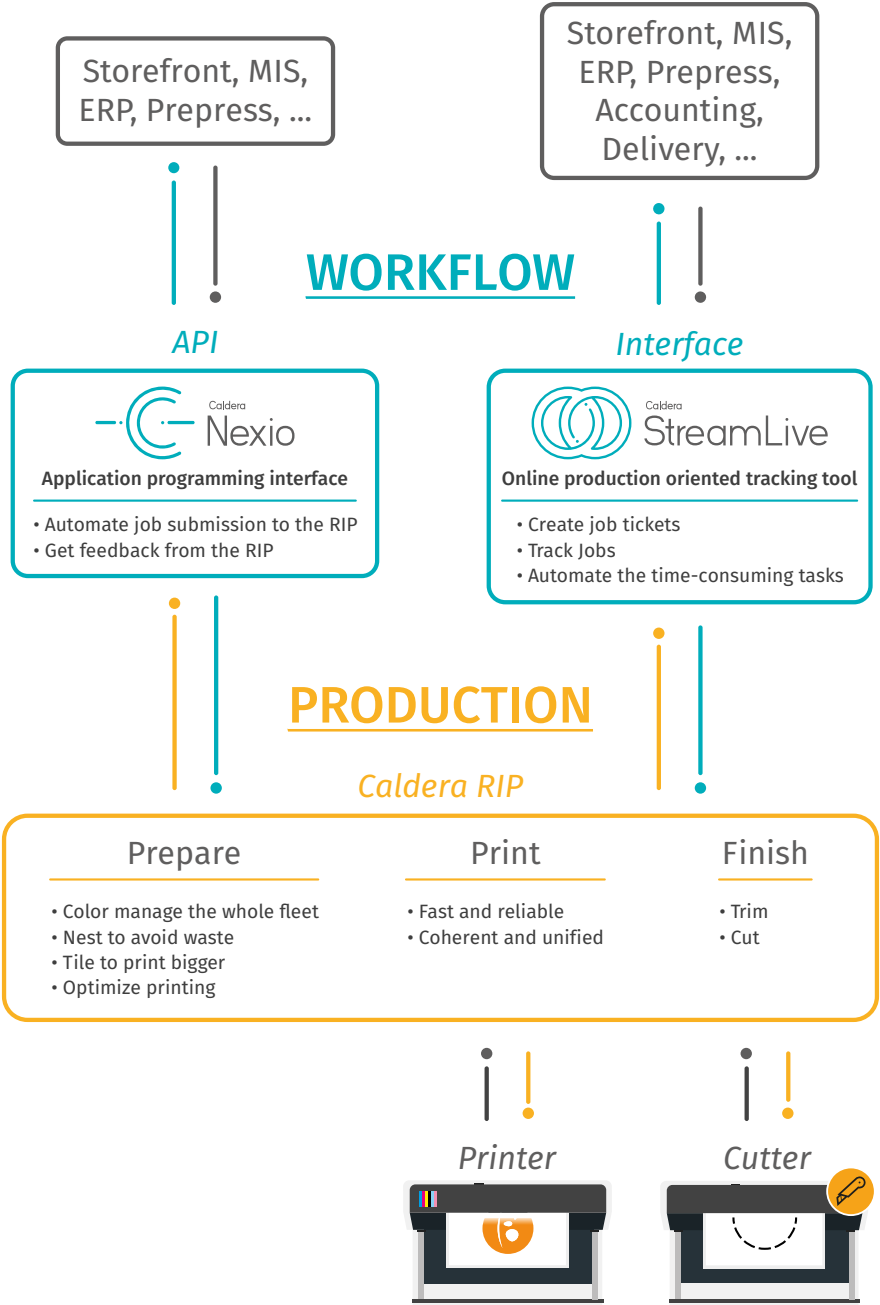
PC

Linux OS: Debian 9.5 Stretch Official (Mate desktop)
Processor: Intel Core i3, i5, i7 or Xeon
RAM: 4GB or 8GB (recommended)
Minimum 1GB per core, recommended at least 2GB per core
HDD: 250GB
Monitor / Video card: 1280x1024 minimum resolution

MAC

MacBook, MacBook Air and MacBook Pro not supported!
PPC based hardware (G5, G4, ...) not supported!
System: macOS 10.11 El Capitan (see compatibility)
Processor: Intel Core i3, i5, i7 or Xeon in Mac mini, iMac or Mac Pro
RAM: 4GB or more. Minimum 1GB per core, recommended at least 2GB per core
HDD: 250GB
Monitor / Video card: 1280x1024 minimum resolution

Caldera Ecosystem

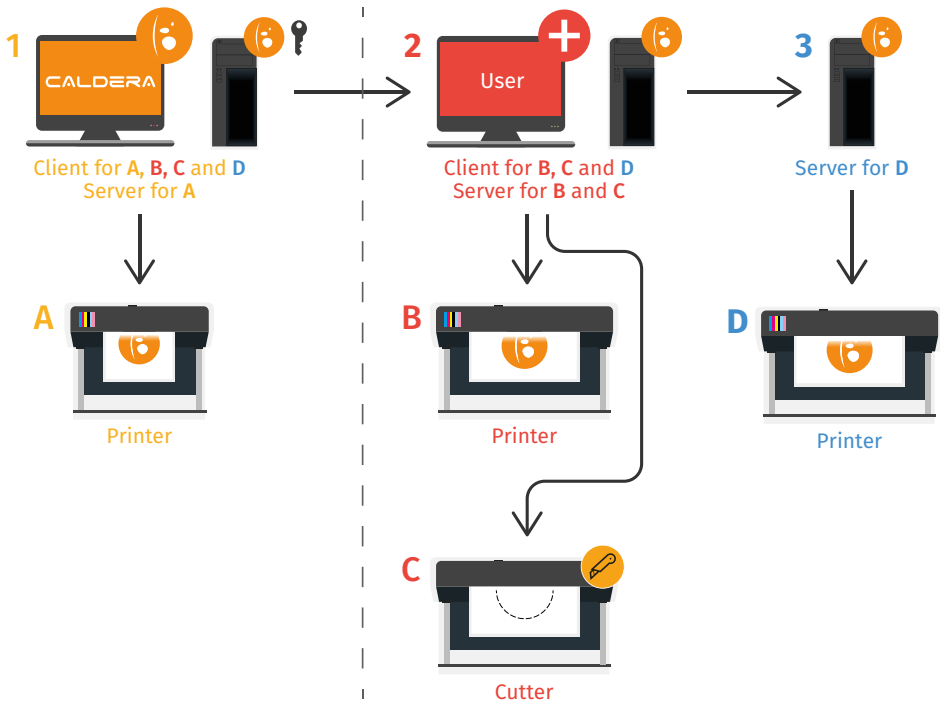


Our core technology

Caldera is the pioneer in Client/Server architecture allowing a large fleet of printers and cutters to be run from a few operator workstations. This production configuration increases reliability, performance and user-friendliness.

Purchase one main RIP 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. You can add as many Clients and Servers as you need to drive an unlimited number of devices.

Example of configuration:



Your applications

Sign, display, textile printing, industrial printing, ...



Sign: Posters, Window Stickers, Vehicle Wraps



Banners



Soft Signage



Wallpaper and Decorative Textile



Glass



Garments



Flooring & Laminates



Edibles



Ceramics



Metal



Plastic



Cardboard

RIP packages

The Caldera RIP is available in different packages, depending on your production needs. Choose the solution that's right for you, add as many users as you like and adjust the number of printing and cutting drivers for your configuration.



Package	 Caldera VisualRIP+		 Caldera GrandRIP+		 Caldera TextilePro	
Market	Sign and display		High volumes and industrial printing		Fashion and home decoration	
Edition	Pro	Enterprise	Pro	Enterprise	Large	Grand
# printer drivers included	1 Large Print Driver	1 Large Print Driver	1 Grand Print Driver	1 Grand Print Driver	1 Large Print Driver	1 Grand Print Driver
# users included	1	1	1	1	1	1
CutServer	✓	✓	✓	✓	Option	Option
GrandCutServer	Option	Option	Option	✓	Option	Option
Tiling	✓	✓	✓	✓	✓	✓
Pre-Press	✓	✓	✓	✓	✓	✓
CostEstimation	Option	✓	Option	✓	✓	✓
CustomInkset	Option	Option	Option	Option	✓	✓
RGB Workflow	Option	Option	Option	Option	✓	✓

User benefits

Cost control:

- Only one upgrade for an entire fleet
- Only one license and GUI for an unlimited number of servers
- Reliable Linux servers

Greater reliability:

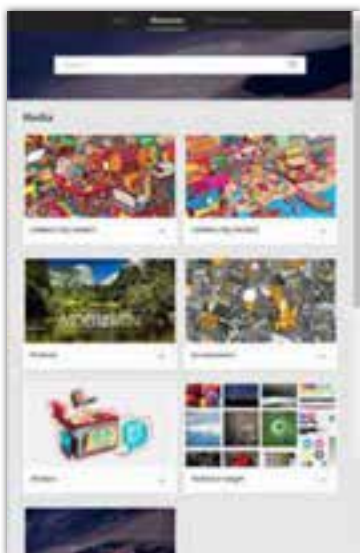
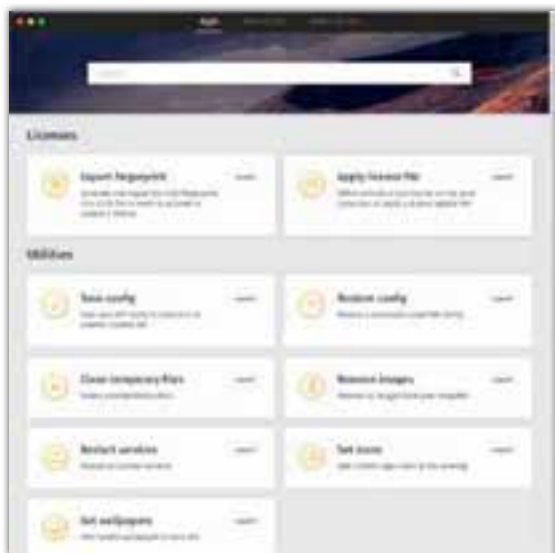
- Reduced training time and errors
- Enhanced color workflow and coherence
- Adobe PDF Print Engine at the heart of the software

Unrivalled performance:

- Scale-free computing
- Unique user experience focused on the image to be printed and simple drag and drop interaction
- Efficient and easy-to-use automation

CalderaDock

CalderaDock is a new RIP module that allows users to easily access all the local and remote apps. It also includes auto-updates, easy migration and the ability to backup and reset your station. You'll be able to access all your apps and web tools from one interface, save and restore your RIP configurations, clean-up your temporary files and restart your Caldera services.



Included features

Technologies included in all our packages

RIP: Adobe PDF Print Engine, Ghostscript Engine, Sync&Deploy

Monitoring: Multi queue spooler, PrintBoard

Color Management: Advanced ICC profile creation tool (EasyMedia)

Preparation:

- **Jobs:** HQ Preview, Nesting (Step&Repeat, Tex&Repeat, ContourNesting and Nest-o-Matik), Tiling
- **Color:** Color bars, spot color libraries, ICC profile support, Last minute color corrections, Spot Color separation and replacement

Finishing: Cut marks, PrintBleed, Grommets, QR Codes, Barcodes

Optional features

Efficient print-to-cut workflow

Cut modules for a complete production flow

Caldera drives the best cutters in the industry, either automatic line cutting devices

(CutServer) or via controllers (GrandCutServer), in order to guarantee you:

- a unified print-to-cut workflow
- automatic setting of cutting marks
- managing multiple contours in a single file
- the possibility of adding additional positioning marks
- the possibility to minimize wastage and enhance cutting accuracy

Trim-O-Matik for cutting automation for a more efficient workflow

This option prepares your jobs for automatic trimmers such as Fotoba, Crest, Kala, Meevo and similar devices.

It allows you to combine trimming with the power of the Caldera nesting and repeating features (Step&repeat).

All your jobs can be automatically assembled and then cut on large rolls, thus reducing waste and increasing your production rate.

Optional features

Master your costs

CostEstimation

To estimate your ink and media consumption

This cost estimate module calculates your ink and media consumption per job to give you the estimated cost of printing so that you can offer the most accurate possible quotes.

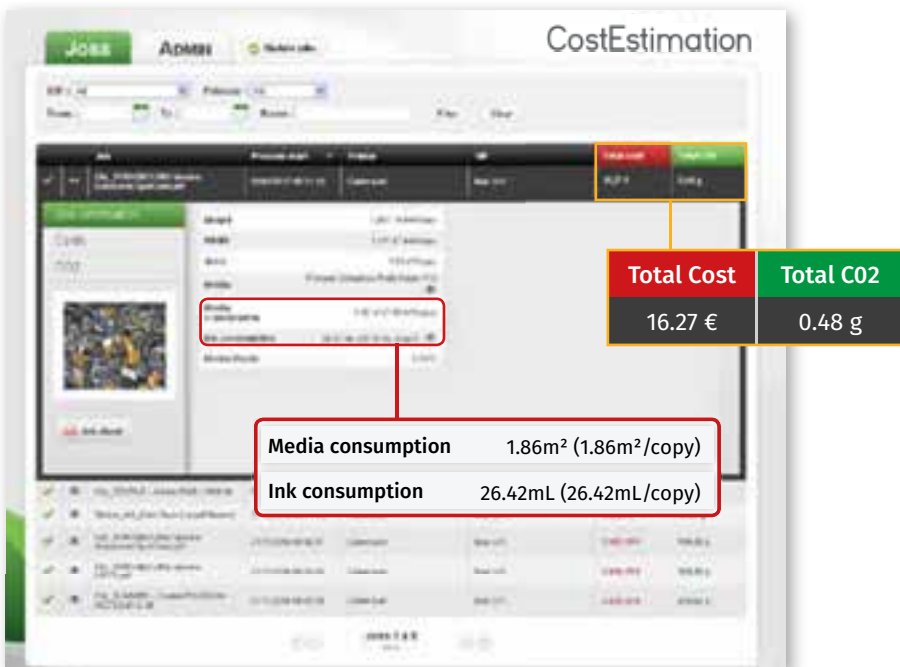
To measure your print jobs cost

CostEstimation also provides an overview of all costs related to each job, not only in terms of ink and media, but also the costs of the machine and other additional costs. Thanks to an easy-to-use web interface, production managers can track and explore their production to find areas for improvement.

And export this data!

You can also export data from CostEstimation in CSV format in order to use them in other analysis tools.

Cost Management CostEstimation



Please check for printer compatibility on www.caldera.com (see "supported peripherals").

Optional features

Master your costs

InkPerformer **for smart ink savings**

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.

● Ink Optimization

InkPerformer



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.

Run more printers with fewer computers, RIP your jobs at the last minute and be ready to invest in the world of ultra-fast digital presses (single pass).



Optional features

Master your colors

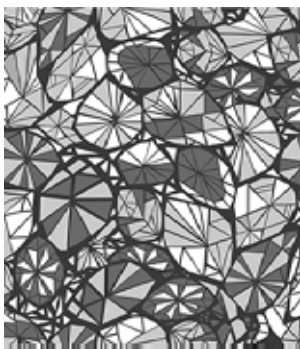
RGB Workflow **for a richer, deeper black**

One of the day-to-day challenges faced by printers working directly with designers, particularly in the textile sector, but also in photography and backlit media, is getting close to the deep black visualized on screen.

As a rule, designers work in the RGB color space, while printers work in CMYK.

Integrating an RGB flow into the printing process makes it possible to control the printing of black and to provide designers with a simulation profile in RGB.

This is an option included in the Textile package.



Without RGB Workflow



With RGB Workflow



CustomInkset **for improved ink management**

This module lets you create and manage customizable configurations for ink. Insert your cartridges, choose which ones will be used in the mixes (process inks) and which will be handled separately (spot inks).

This is an option included in the Textile package.

PrintStandardVerifier **to check the conformity of your prints**

This option makes it possible to carry out periodical conformity checks of the printing process with respect to the industry color standards: Fogra, G7, ISO.

If you are printing for large accounts, you can assure them of your ability to meet international standards for right color consistency.



Our hardware solutions

Spectrophotometers for color measurement

It is impossible for a single color configuration to work with all inks, media or printers on the market.

To get accurate colors, a generic profile and a little bit of luck may do the trick.

But to make a difference, you need to calibrate and characterize your printing configurations with the help of an ICC profile creation tool

(EasyMedia) and a color measuring tool: a spectrophotometer.

x-rite i1Pro2

Manual spectrophotometer

- USB connectivity
- Conditions: M0 and M1, M2 in double reading*
- Allows: linearization, ICC profiles, Spot colors Measurement
- On flexible or rigid opaque media
- Reading aperture: Ø 3,5 mm



Caldera

ColorPad

Manual stand-alone spectrophotometer

- USB and Wifi connectivity
- Integrated touchscreen
- Conditions: M0, M1, M2*
- Allows: linearization, ICC profiles, Spot colors measurement
- On flexible or rigid opaque media
- Reading aperture: Ø 6 mm



x-rite i1iO2

Automated XY scanning table to supplement the i1Pro2

- Allows automated target reading with an i1Pro2 (*not included*)



Caldera

EasyColor

Automated spectrophotometer for sheets

- USB connectivity
- Automatic reading of A4 sheets
- Conditions: M0*
- Allows: linearization, ICC profiles
- On opaque or transparent flexible media (maximum thickness 1 mm)
- Reading aperture: Ø 6 mm



Caldera

TotalColor

Multipurpose automated table

- USB connectivity
- Conditions: M0*
- Allows: linearization, ICC profiles, Spot colors Measurement
- On flexible or rigid media that is opaque or transparent (maximum thickness 20 mm)
- Reading aperture: Ø 2-6-8 mm



Caldera

TotalColor qb

Multipurpose automated table

- USB and Ethernet connectivity
- Conditions: «M1 method a», M0, M2, M3*
- Allows: linearization, ICC profiles, Spot colors Measurement
- On flexible or rigid media that is opaque or transparent (maximum thickness 20 mm)
- Reading aperture: Ø 2-6-8 mm



**Measurement Conditions:*

M0 = undefined UV

M1 = with UV

M2 = UV filter

M3 = Polarization filter

Our hardware solutions

Pre-installed computers for easy setup

Caldera offers pre-installed RIP solutions on

DELL computers *(offer available worldwide)*

- 4 solutions depending on your needs (power, production volume...),
- gives you access to premium DELL support worldwide,
- a restoration USB stick is included.



C1

Drives easily between
1 and 2 Wide drivers



C2

Drives between 1 and 2 Large
drivers or 1 Grand drivers



C3

Drives between 1 and 2
Grand drivers



C4

Drives between 1 and 3
Grand drivers

Workflow Projects

Caldera's new initiative offers bespoke workflow building to help you create your ideal E2E digital workflow. This tailored approach offers a range of project management services that work towards the creation of a smooth interface between brand ecommerce sites and print producers.

Overview

This solution has been designed in response to an increasing number of clients looking for micro-factory specifications, RIP and workflow solutions, expanded automation, textile ecosystem E2E, project management and color management solutions.

Caldera has developed a workflow solution to deliver:

- Project Assessment and Project Scoping
- Inventory of Deliverables
- Planning
- Budgeting



Deliverables

Working together with strategic partners, Caldera will implement standardized digital printing set-ups tailored to provide deliver color management, workflow and bi-directional business data between brands and in-house or external print contractors.

A typical Caldera solution might feature:

- Ecommerce storefront
- Micro-factory assessment
- Project management
- Product configurator
- Print file creation and transfer
- RIP software
- Workflow solutions
- Integration services
- Color management



Training Webinars

Caldera Webinars are the quick and convenient way to train your personnel across the full range of Caldera products. Our experienced training teams will guide you through a series of live, interactive sessions, ranging from Installation and Caldera Basics to Color Management and Architecture.

Caldera has devised this new training resource in order to make live training more accessible to all of our customers, no matter where they're based. The advantage of attending our online webinars is that anyone can participate from their office, home or while away on business, without the time loss and inconvenience of travelling. All that's needed is a good internet connection, speakers and a microphone, so attendees can participate in live discussion and pose questions to the trainers. You'll also be able to record the sessions for future reference, and your business can register multiple attendees online.



MASTER THE
RIP THROUGH
OUR ONLINE
TRAININGS

Participants at these live sessions will be guided through all they need to know to use a wide range of Caldera software, from beginner's level to more advanced. It's the quickest way for users to ensure that they achieve the best performance and full functionality of their Caldera products – for enhanced productivity and better results.

View the complete calendar
and register for these webinars
on workspace.caldera.com



*We also offer custom webinars tailored
to your company needs and agenda.*

CalderaCare

What is CalderaCare?

CalderaCare is the support and maintenance solution for your Caldera RIP software, that will keep your production up and running when you need it most. Whatever the issue, our team of technical experts will be on hand – and a subscription to CalderaCare also ensures all your software products will be kept up-to-date with the latest versions and enhancements.



The benefits speak for themselves

Not only can CalderaCare provide you with support when you have a problem, but it comes with a range of other user benefits to help you optimize your workflow



FAST SUPPORT

When you register a support request, the priority and response times are in accordance with specified guidelines. CalderaCare is your route to direct contact with Caldera experts



OPTIMAL PRODUCTION

Your access to future Caldera upgrades and version releases, helps keep your production capabilities current, and at optimal levels



ALWAYS UP-TO-DATE

Your Caldera software products covered by your CalderaCare subscription, will be continually updated with new features to enhance your workflow, including major upgrades to new versions

CalderaCare content

	Without CalderaCare	CalderaCare
Targeted Response Time	–	Critical 2h/Major 4h/Minor 8h
Customer Portal*	✓	✓
Remote Control	–	✓
Issue Follow up	–	Weekly email report
Caldera Webinars	Prepayment required	2 per year
Major upgrades	–	✓

* Customer Portal will be accessed via Workspace

Contact your Certified Reseller or the Caldera sales team via www.caldera.com



Our online resource platform gives Caldera users a single, central access point for managing their accounts, SaaS applications and product downloads. Customers can use the Workspace dashboard to manage their Caldera solutions in a variety of ways, including registering license, downloading product updates and upgrades, gaining access to relevant product knowledge and documentation, and for managing their account details.



LICENSE
REGISTRATION



PACKAGES
INSTALLATION



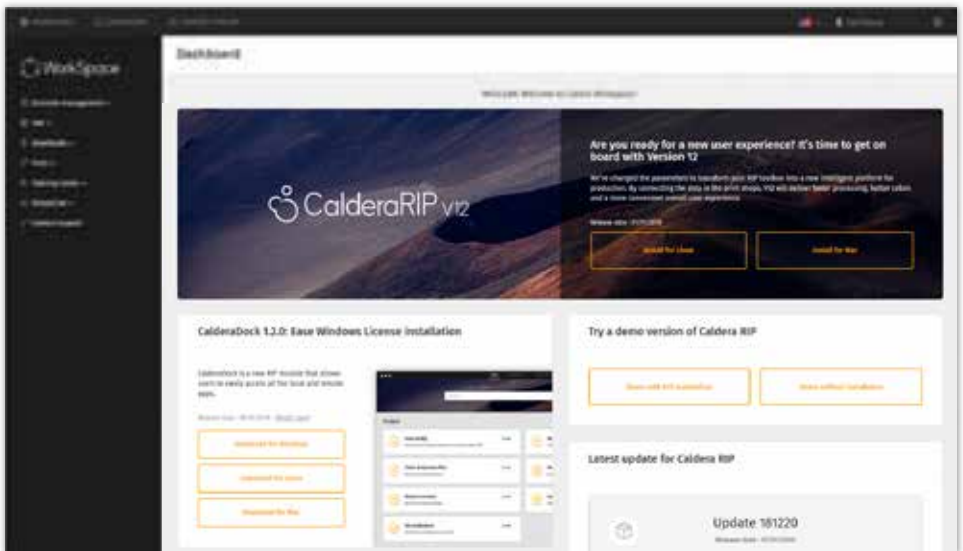
TRAINING
CENTER



TECHNICAL
SUPPORT



TECHNICAL
DOCUMENTATION



You can also access our other platforms directly via the Workspace homepage: our online help portal CalderaDesk and our YouTube channel.



calderadesk.caldera.com



youtube.com/CalderaRIP

Our partners

More than 1000 supported printers and cutters

Caldera works closely with manufacturers in order to develop solutions that meet the diverse needs of the market.

OEM partners



Supported manufacturers



Strategic partners



Our customers

Over 15 000 providers of printing services are already working with our solutions and rely on Caldera for their productivity each day.

Caldera is constantly looking towards the future and expanding its technical know-how in the field of inkjet technology to tap into new markets and applications such as manufacturing (printing on ceramics, glass, wood and textiles), packaging, labeling and digital printing presses/packaging.

Sign, digital graphics and visual communication

Argentina: Gigantografica, Omnigraphics

Australia: Active Displays, Cactus Imaging, Catalyst, CMYK Hub, GSP Print, Resolution Imaging

Austria: Arian, Druck.at, Salon Iris

Belgium: Dael Printing, Ye Print

Brazil : Dinamica, Pigmentum

China: Baicheng, Dong Sheng

Advertising, Xiamen Art Printing

Colombia: Grupo Mercadeo

Czech Republic: Top Advert

Denmark: LaserTryck

Egypt : Five Stars

France : Comptoir de l'Image,

Dodeka, DS Impression, Picto,

France Affiches, Nice Colors,

Ad Visuel, Mangold, Ceanothe,

TopColor, Komosol Groupe

Germany : CeweColor, FlyerAlarm,

DieDruckerei, Niggemeyer

Hong Kong : Art One Production,

Professional Production, Tri Color

Hungary: Eclipse Print, OSG

Italy: DB Ingegneria dell'immagine,

ImagingPro, Pixart Printing, TicTac

Ireland: Horizon Graphics, McGowans

Japan: Daido, Sign Artec,

Tokyo Lithmatic

Korea: Dain Communication, Gaunet

Malaysia: Pixio

Mexico: Pancarta, Print

New Zealand: Broderick Print,

Leeding Signs, Massy University,

Print House, Boston Digital,

Image Center, Original Screen

Netherlands: Big Impact, Probo Print

Norway: Megaprint, SW Trykk

Peru: Litho Laser, Metacolor

Poland: City Service, Topcan

Romania: Art Match, BigPrint

Russia: Arial, Fotolab, LIGO

Serbia: DPC, NS Plakat

Singapore: Film Screen,

Siner Graphic

Slovakia: Bittner, Double P

Slovenia: V-Tisk

South Africa: Beith Digital, Bidvest,

Hirt&Carter, Prismaflex, ScreenLine,

Tali Digital

Spain: Fragma Espacios, Marc Marti,

MARGI, OEDIM

Sweden: Big Image, Brand Factory,

Gigantprint, Storbildsbolaget

Switzerland: Comro, Christinger

Taiwan: Forms Surface,

Gain How Printing,

Group Color Digital Image

Turkey: HKS Reklam

UK: Delta Display, Dominion,

Icon Print, Oasis Graphics,

Service Graphics

United Arab Emirates: Reprotronics

USA: Big Mountain Imaging, Brand

Imaging Group, Coloredge, Duggal

Visual Solutions, Ferrari Color,

Firehouse Image Center, Pictura,

Vision Integrated Graphics.

Textile Printing

Austria: Fahren Gartner, Typico

Belgium: Bioracer, Visix

Bulgaria: PNG

China: Huzhou Anyge Digital Industry

France : Doublet, Duo Display,

ET Cernay, Faber France, Mediama,

Ranitex, TIL/Deveaux

Germany: Frankfurter Fahren,

Sachsen Fahren

Netherlands: Faber Exposize,

Van Straaten

Poland: Voigt Promotion

Romania: Rofobit

UK: Cestrian, Grafenia

Industrial Printing

Austria: Digital Art Floors, Kaindl

Bangladesh : Naf Group

Belgium: Wollux

France : Adhetec,

Euro PLV, GPS Packaging/

Cartonnages de Gascogne, TIL

Germany: DS-Smith, Villeroy & Boch

Hungary: DS-Smith

India: Vennar Ceramics

Indonesia: Platinum Ceramics,

Textile On Demande

Japan: Goto Iron Works, Toppan

Korea: Samyoung Industrial

Czech Republic: Solpap

Malaysia: Hans Printing & Packaging

New Zealand: Textiles Alive

Netherlands: Sorbo

Peru: Ceramics Kantu

Singapore: Sunway Woodcraft Construction,

Tangs, Vim Technology & System Engineering

Sweden: DS-Smith

USA: Ideon Packaging

UK: DS-Smith, Liquid Lens

Our awards

Caldera is an award-winning software solution recognized by industry professionals and magazines



Wide-Format Imaging Readers Choice Awards

Top product RIP software : 2018, 2017, 2016, 2015, 2014, 2013, 2012, 2011, 2009, 2008

Top product workflow software : 2017, 2015, 2014, 2013

Top product color management software : 2014, 2010, 2009

Top product Web-to-Print : 2018

Best overall product : 2010, 2009, 2008



Viscom

Best software award : 2013

Best innovative product software : 2012

Best innovative green product : 2012



Digital Printing & Imaging Association

Outstanding service award : 2018, 2017, 2016, 2015, 2014, 2013, 2012, 2011

Best Software Product of the Year : 2010, 2009, 2008, 2006, 2002



Image Reports

Angel Awards - RIP of the year : 2007

CALDERA 

a **DOVER** company

1 rue des Frères Lumière - P.A. d'Eckbolsheim BP 78002 - 67038 Strasbourg Cedex 2 - France
www.caldera.com - Tel. +33 388 210 000 - Fax +33 388 756 242 - contact@caldera.com

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