

CalderaServer

What is it?

CalderaServer (CS) is a hardware-software bundle containing one server blade and the most recent version of the Caldera RIP. This solution has been specially created to help printers optimize their processing resources and their working space in a simple and organized manner. This is possible thanks to Caldera's client-server architecture and Sync&Deploy functionality for drivers deployment.



Who can use it?

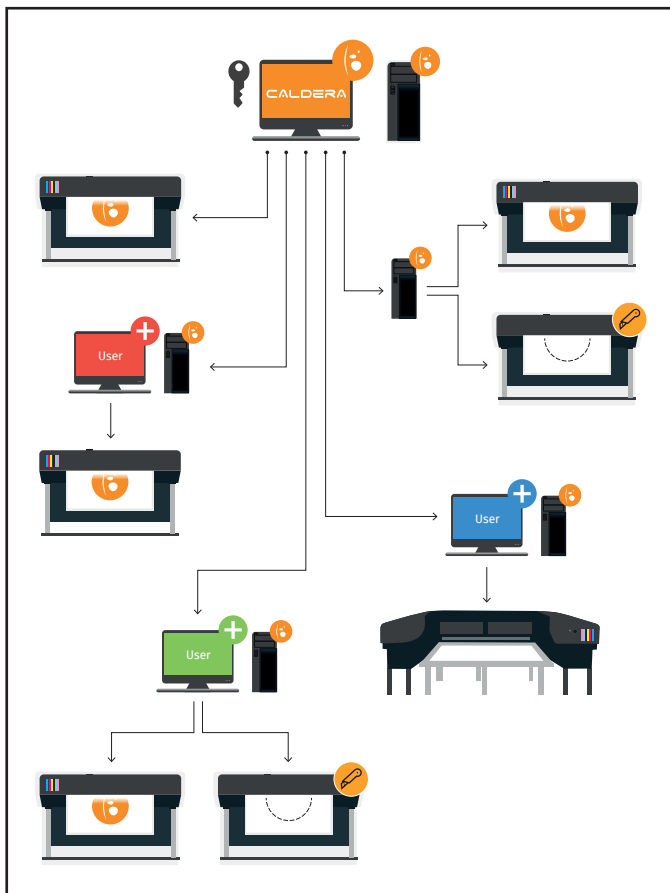
The CS is dedicated to Print Service Providers (PSPs) who need to rationalize their hardware and software investment in order to guarantee a high volume production at an optimized cost. The most common examples are PSPs driving a fleet of the same type of printer and PSPs driving high performance single-pass presses.

How does it work?

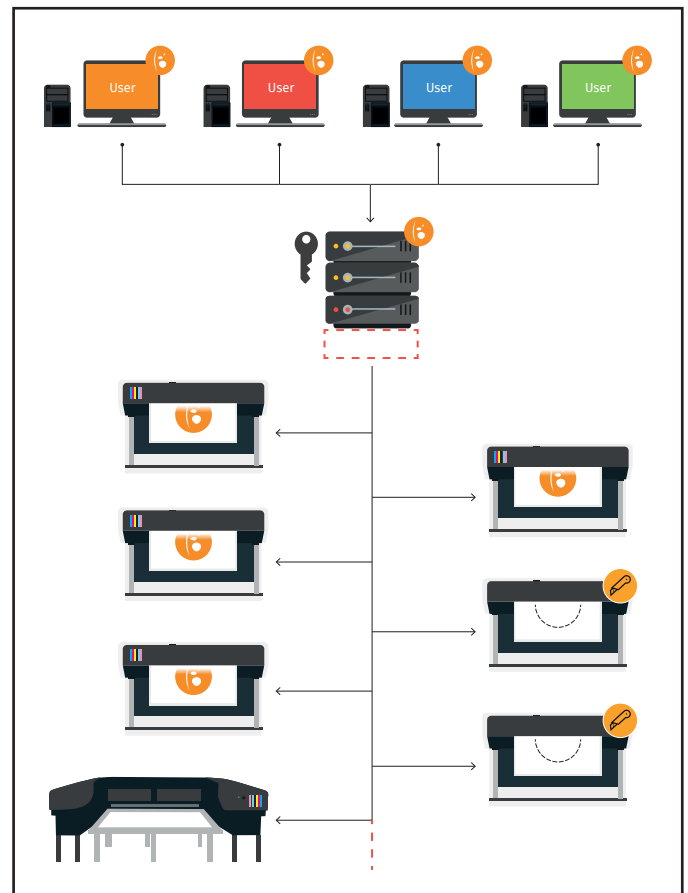
On a general basis, high volume print production requires high performance computing resources. When PSPs acquire new machines to increase their production volume, they also need to allocate more processing resources. One of the options they have is to add a new PC for each machine. But this option does not allow them to optimize their resources.

The CS brings a complete solution, allowing hardware resources centralization and space optimization.

For higher reliability, Caldera recommends the use of at least 2 CS.



Architecture without CalderaServer



Architecture with CalderaServer

Benefits

- Improves RIP performance
- Simplifies drivers deployment & configuration
- Consolidates hardware resources
- Minimizes the use of space
- Simplifies the components cabling

Features

- Easy setup and maintenance: just plug a new server, and deploy drivers with Caldera's Sync&Deploy functionality.
- Flexible and Scalable: add more servers in the rack slots based on your RIP performance needs
- Security: maintain a primary server and establish secondary servers to backup your information. It comes with a rescue hard drive to reinstall Ghost images.
- Powerful: technology based on Xeon CPU, GPU AMD with OpenCL, SSD and RAID 0
- Compliant with all rack cabinets

CS Technical specification

Technical characteristics for one CalderaServer:

CPU	1 Xeon D-1521, 4 cores, 8 logical cores, 2.7GHz, 6Mo cache
Network	2 integrated 10GbE port RJ45
Memory	8GB, DDR4-2133 ECC SRx8
Storage	1 SSD 256GB M.2 SATA 6Gbps + HDD 2x 1To 7200rpm SATA 6Gbps in RAID0
GPU	1 AMD FirePro W4100
I/O	2 x USB 3.0

How to get a Caldera Server?

The CS is sold only through certified resellers who give you access to:

- A required dimensioning study in order to identify your real needs
- A secured installation
- Maintenance and warranty

Contact Caldera (contact@caldera.com) to find a certified reseller in your area