

## ClearCube Sentral 5.0

### Powerful Management Software for Centralized Computing Solutions

ClearCube Sentral offers IT administrators one place to monitor and control their entire deployments of local and remote computing assets. With Sentral, ClearCube customers will continue achieving server-level availability (99.9% uptime) for end user computing. ClearCube Sentral is a software package that delivers proven cost reductions through unique features such as dynamic resource allocation, virtual desktop management, active health monitoring, and blade switching & sparing. Easy to install and configure, Sentral also offers these benefits across platforms, with support for other vendors' blade systems as well as virtualized desktops.

#### Key Sentral Features:

##### Sentral Console

- Manage virtual desktops directly from the Console
- Delegate administrative access level and authority to different organizational units
- Aggregate device health/utilization and session status into a single dashboard view
- Audit and create detailed reports of management activities and user sessions
- Group devices and users by type, location, business unit, or any other criteria using Custom Views
- Create custom alerts that trigger Console notifications, emails, or messages to 3rd party applications
- Remotely control all blades and access devices
- Remotely update blade BIOS versions
- Manage thousands of nodes from one Console

##### Switching Module

- Chassis & blade management includes environmental sensors with active alerting
- Move any user to a spare blade in the event of a failure with Spare Switching
- Switch any user to any blade in the chassis with 8x8 Switching
- Take hardware control of any blade with Administrator Switching

##### Dynamic Allocation Module

- Map users or devices on a policy basis to centralized blades or virtual machines
- Direct users to sessions with clientless, browser-based access

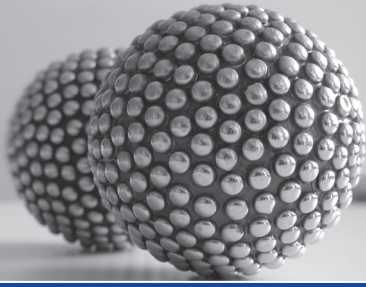
The foundation of ClearCube Sentral is the Sentral Console. The Sentral Console is an enterprise management framework for centralized computing infrastructures. The Console dashboard will keep you informed of the status of your environment at a glance, while custom alerts, detailed audit reports, and user session logs give advanced health and usage information. The Switching Module leverages the ClearCube chassis switching functions to give your users 99.9% uptime and allow administrators to take hardware control of any blade. With the Dynamic Allocation Module, you can statically assign any user or I/Port to any blade or virtual machine, or assign them dynamically based on availability and utilization.



Sentral Enterprise Dashboard



Sentral Switching Module



## Requirements:

### Sentral Console

- Windows XP Professional, Windows 2000 Professional, or Windows 2000/2003 Server
- MS SQL or MySQL

### PC Blades

- Windows XP Professional or Windows 2000 Professional

### I/Ports

- Windows XP Embedded or NeoLinux

### Browser-based Remote Desktop Access

- Internet Explorer or Mozilla Firefox

### Ordering Information

Sentral is sold as a stand-alone application or as a part of the ClearCube Management Suite. (12 months of maintenance and support included, extended M&S can be purchased.)

With ClearCube Sentral, users can log in from anywhere and be directed to centralized blades or virtual desktop sessions. Sentral's Dynamic Allocation feature also maps groups of users to pools of centralized resources. When dynamic mappings are configured, users are assigned to blades or virtual machines based on intelligent algorithms that determine availability and utilization.

Users can roam from station to station, or to different locations, and always be reconnected to their existing sessions. This means roaming users can leave a workstation, then reconnect to their sessions from another workstation without having to restart applications or endure lengthy login processes.

Also, users can log in from a ClearCube access device running the Sentral Client, or they can log in from any machine with a supported browser and have direct access to their remote desktop. This means users can login from home, from hotels, or from any machine with an Internet connection and securely access a blade located in the corporate data center. ClearCube Sentral connects users anywhere to centralized computing resources.

The screenshot shows a web-based login interface for ClearCube Sentral. The window title is "IPort Login". The header features the "Sentral" logo and the "CLEARCUBE" logo. Below the header, there are four input fields: "Blade Name" (empty), "User Name" (pre-filled with "administrator"), "User Password" (empty), and "User Domain" (empty). A "Connect" button is positioned below the input fields. The interface is clean and professional, typical of a corporate web application.

*ClearCube Sentral User Login*

ClearCube Sentral also integrates monitoring and alerting features with third party applications. Administrators can customize alerting events and thresholds, choosing the notification method when an alerting event is triggered. The Sentral Client will send alerts to the Sentral Console, email notifications, and/or standards-based messages to third party applications. Designed to scale from small businesses to large enterprises, ClearCube Sentral offers total control to IT departments everywhere.