Sentral™ Management Suite

For Centralized and Virtualized Desktop Infrastructure Solutions

Sentral™ Management Software Suite consists of software tools that enhance Virtualized Desktop Infrastructure (VMware VDI) and Centralized Desktop Infrastructure (PCoIP Blade PCs, zero and thin clients) environments by adding enhanced connection brokering and element management capabilities.

Two Important Components

- Sentral Connection Broker maps connection routes from end points such as zero clients and thin clients through network switches to host resources such as Windows and Linux-based physical Blade PCs or virtual sessions.

- Sentral Element Manager provides administrators with multiple layers of management of zero clients, thin clients, Blade PCs, and VDI hosts through a unified console single-pane-of-glass view.

Brokering Benefits

Brokering support for Windows and Linux-based physical and virtual workstations	High availability Blade PC failover	Full USB redirection using thin clients for non-plug & play and plug & play devices	Device based brokering (kiosks)

Brokering Desktop Connections

Sentral Connection Broker allows zero client users to log in from anywhere and be directed to specific centralized Blade PCs. 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 zero client, and then reconnect to their sessions from another zero client without having to restart applications or endure lengthy login processes. This capability is a highly touted benefit of using Virtual Machines (VMs) in VDI deployments, but Sentral makes it available with non-virtualized machines (i.e. centralized Blade PCs) as well.

For locations that do a lot of employee adds, moves, and changes, Sentral's capability can save a huge amount of money. Rather than move computer equipment from place to place as the employees change locations, users simply broker their connection to their centralized blade PC from wherever their new office is located.

For rapid restoration of service in mission critical environments, Sentral provides the network administrator with the ability to automatically route the user to a different secondary source in the event of a primary source failure. With hot spares allocated, Sentral can be configured to switch a failed user to an active spare. In mission critical environments, such as command and control and financial services, this rapid restoration of service capability yields huge returns in completing critical missions and completing critical transactions.

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Managing Disparate Elements

Sentral Element Manager discovers, monitors, and manages elements such as zero clients, thin clients, Blade PCs and SmartVDI hosts.

Sentral Element Manager's dashboard keeps IT administrators informed of the status of their host resource's (Blade PCs and SmartVDI) temperature, power and operation.
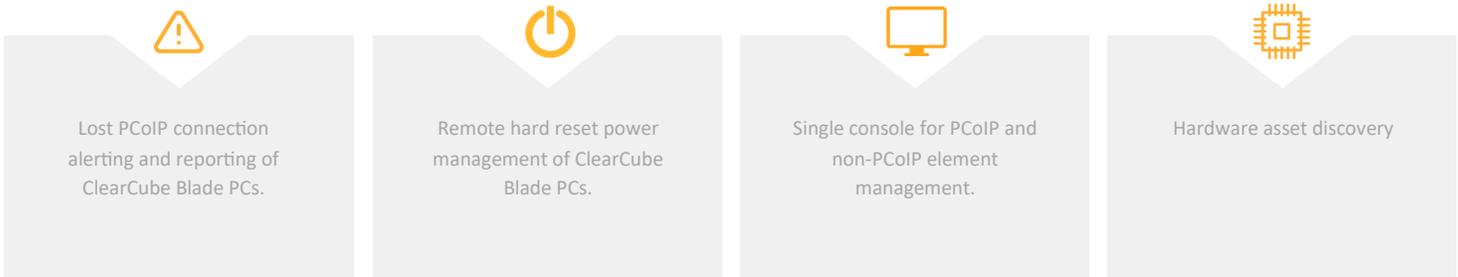
PCoIP zero client connection status is one important aspect that is monitored by Sentral Element Manager. Lost PCoIP connections, if any, are reported to help troubleshoot possible network reliability issues.

Sentral Element Manager's console dashboard provides custom alerts, detailed audit reports, and user session logs to give advanced health and usage information.

Element Manager 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, and receive email notifications and/or stand-ards-based messages to third party applications.

Sentral offers IT administrators a single management framework to monitor and control their entire centralized infrastructure of computing assets and user types, dramatically reducing complexity, and ensuring the security, manageability and availability of VDI and CDI deployments. Policy creation is flexible, powerful and easy to manage.

Element Management Benefits

Lost PCoIP connection alerting and reporting of ClearCube Blade PCs.	Remote hard reset power management of ClearCube Blade PCs.	Single console for PCoIP and non-PCoIP element management.	Hardware asset discovery

Sentral™ System Requirements

Sentral Server	Windows XP Professional, Windows 7/8/10, or Windows 2000, 2003, or 2008 Server
	MS SQL or MySQL
	Internet Information Server (WWW)* or Apache Tomcat
Managed Nodes	Windows XP Professional, Windows 2000 Professional, or Windows 7, Redhat Linux
Managed Clients	Windows XP Professional, Windows XP Embedded, Windows 7, or NeoLinux™
Browser-Based	Internet Explorer™ or Mozilla® Firefox®
Remote Desktop	VMware ESX, VMware Server
Access Virtualization	Microsoft Virtual Server, Hyper-V
Software Support	Xen

Ordering Information

You can purchase Sentral as part of an integrated ClearCube solution or as a stand-alone application (12 months of maintenance and support included, extended M&S available).

Call: (866) 652-3500 Email: sales@clearcube.com to order or for additional details.

Sentral Software Licenses

Part Number	Description
G090107	Sentral Element Manager Console License 1 year M&S
G090109	Sentral Connection Broker Dynamic Allocation Module License 1 year M&S
G090113	Sentral Element Manager Console License 3 year M&S from purchase
G090115	Sentral Connection Broker Dynamic Allocation Module License 3 year M&S from purchase