Manage Physical Access Control within a Virtual Server Environment

RedCloud Virtual is the industry’s first and only physical access control system (PACS) that is VMware Ready for deployment in a virtual server environment, eliminating the need to maintain a separate, stand-alone server or dedicated network appliance. RedCloud’s revolutionary access control solution is purpose-built for organizations that have migrated their IT infrastructure to a secure, private cloud environment, allowing them to maintain enterprise-grade physical security without the risk of storing sensitive information on a shared server hosted in a public cloud.

Integrated Access Control Virtual Appliance

RedCloud Virtual is a web-based, access control virtual appliance that leverages an open architecture, integrates identity management and video surveillance and achieves the highest level of scalability with the lowest cost of ownership. RedCloud Virtual is available through either a perpetual (CAPEX) or subscription (OPEX) licensing model.

Physical and Logical Security Convergence

RedCloud Virtual allows organizations to seamlessly integrate IT and physical security systems, such as Identity Access Management (IAM), Security Information and Event Management (SIEM), Physical Security Information Management (PSIM) and HR systems to correlate physical and logical security event information, monitor alarms and rapidly respond to unauthorized activities.
RedCloud, formerly known as PlaSec, is a revolutionary access control solution, engineered from the ground up by IT and security veterans to deliver a new standard in performance, integration and efficiency that can only be achieved through convergence. RedCloud’s web-based, physical and virtual appliance platform leverages an open architecture, integrates identity management and video surveillance and achieves the highest level of scalability with the lowest cost of ownership, making RedCloud the logical choice in access control.

System Requirements

VMware vSphere ESX or ESXi Hypervisor 4.x or higher
2 Processors, 4 GB RAM
1 GB Ethernet Port
50 GB min. for Data Storage

100% Browser-Based Web Application

Unlike legacy, client/server-based access control systems, RedCloud Virtual is accessible anytime, anywhere from any standard web browser, including Firefox, Safari or Internet Explorer. Manage employee facility access privileges quickly and easily from any location without being tied to a dedicated client workstation or paying for individual software licenses per user.

Secure, Linux Operating System

RedCloud Virtual ships pre-installed with a secure, open-source, Linux operating system (OS), which significantly reduces the risk of virus attacks, frees administrators from installing Windows security patches and ongoing anti-virus updates and eliminates the cost of operating system licenses and upgrade fees.

Peer-to-Peer Directory Synchronization

RedCloud integrates with an organization’s existing Identity Management system or HR employee database, without requiring duplicate data entry or ongoing maintenance. Identities, roles and policies are synchronized across all RedCloud network appliances and door controllers in real-time so security settings are always updated and never outdated.

Leverage Open Field Hardware Investments

Unlike proprietary physical access control systems, RedCloud Virtual supports open field hardware from leading manufacturers, such as Mercury Security, allowing organizations to leverage investments in non-proprietary field hardware, with retrofit programs available for industry-standard door hardware and card readers, including contact/contactless smart card, proximity, magnetic stripe and barcode.

Features

Web-based User Interface
Identity Management
Digital Video Integration
Event and Alarm Monitoring
Graphical Maps & Floor Plans
Role-based Reporting

Secure, Linux Operating System

RedCloud Virtual ships pre-installed with a secure, open-source, Linux operating system (OS), which significantly reduces the risk of virus attacks, frees administrators from installing Windows security patches and ongoing anti-virus updates and eliminates the cost of operating system licenses and upgrade fees.

Peer-to-Peer Directory Synchronization

RedCloud integrates with an organization’s existing Identity Management system or HR employee database, without requiring duplicate data entry or ongoing maintenance. Identities, roles and policies are synchronized across all RedCloud network appliances and door controllers in real-time so security settings are always updated and never outdated.

Leverage Open Field Hardware Investments

Unlike proprietary physical access control systems, RedCloud Virtual supports open field hardware from leading manufacturers, such as Mercury Security, allowing organizations to leverage investments in non-proprietary field hardware, with retrofit programs available for industry-standard door hardware and card readers, including contact/contactless smart card, proximity, magnetic stripe and barcode.