



Redcell™ System Commander

Redcell System Commander is an agentless systems management solution for health monitoring, compliance auditing, troubleshooting and patching multi-vendor client and server environments. Key functions are deep system and client discovery, inventory management and reporting, configuration, health management, remote access and control, patch provisioning, and performance monitoring.

Key Benefits

Increase Operational Efficiency

- Reduce errors when performing tasks like discovery and group operations
- Centrally register and track all Systems Component elements including status, credentials, management attributes and relationships
- Using the common set of configuration primitives that are vendor-and device-independent manner shortens learning period and reduces chance of errors in day-to-day operations

Hardware & OS Patch Provisioning

- Quickly and easily push BIOS, Firmware, OS Driver and security updates out to managed Windows systems and groups of systems across the network from one central console

Reduced Management Costs for Virtualized Infrastructure

- Reduces expenses associated with multiple point solutions licenses and reduces learning curve
- Maps virtual infrastructure to physical systems, reducing or eliminating need for third party tools

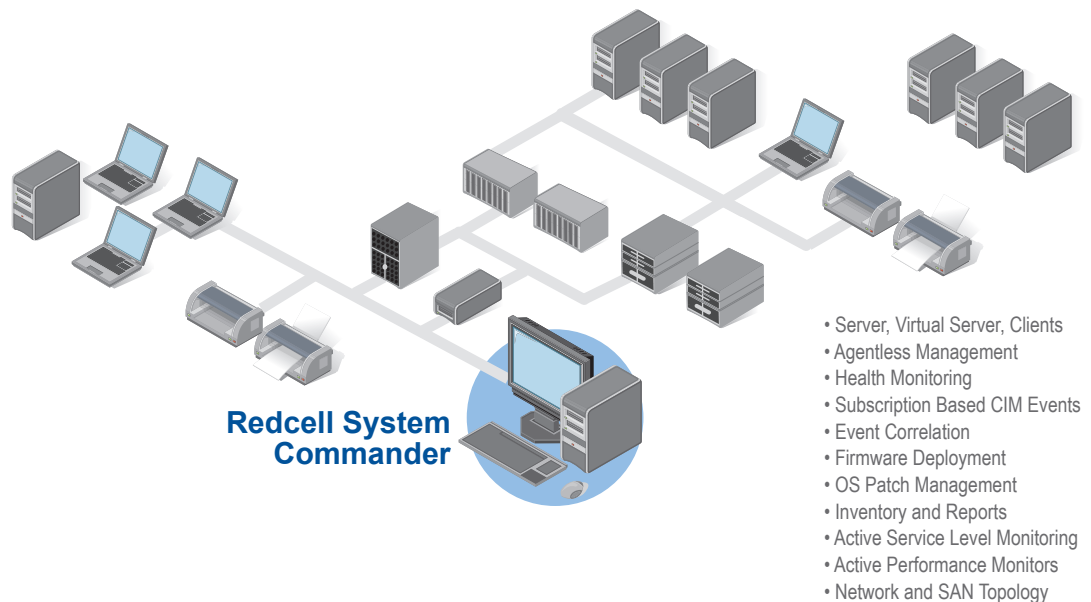
Redcell's consolidated view of the datacenter offers IT administrators the power and flexibility to manage their servers and clients with a customizable permission-based graphical user interface (GUI). Real-time configuration management offers normalized presentations of multi-vendor environments and can greatly reduce or even eliminate the need for maintaining, licensing, and training IT staff on the use of multiple solutions.

Redcell System Commander supports the health monitoring and remote management of any system with CIM indications, SNMP traps and/ or a BMC (Baseboard Management Controller) compatible with IPMI v1.5 or above. IPMI allows a standards-based approach for monitoring systems health and remotely managing heterogeneous system types regardless of OS type and power state. Redcell can integrate seamlessly into existing framework deployments by acting as a consolidation point for SNMP or Syslog events from previously deployed Third party agents. Redcell's hardware and OS patch provisioning lets IT administrators push BIOS, Firmware, OS Driver and security updates out to managed Windows™ systems and groups of systems across the network from one central console. Being able to quickly identify and fix servers that need to be patched improves the efficiency of IT resources, ensures system security and stability, lowering the risk of downtime.

Redcell's key performance indicators let you monitor and chart key subsystems like processor, memory, network interface and disks to identify bottlenecks, provide insights for redeploying applications, and identify systems that need to be upgraded, redeployed or retired.

Where it Works

Discovery • Group Management • Topology • Reporting • Configuration • Backup/Restore • Compliance • Health • FW/OS Management





Technical Specifications

Managed Systems

- WMI/CIM monitoring and configuration support for any server or system running Windows XP, Windows 2000 Server, or Windows Server 2003, Vista, Redhat ES Linux V4, V5, SUSE Linux 9,10, ESX 3.x (VMWare)
- SNMP monitoring for systems supporting SNMP v1/v2/v3
- Syslog message monitoring
- IPMI monitoring for systems with a IPMI v1.5 or later compatible BMC (Applicable to 8G and 9G servers)
- Firmware and OS patch provisioning on managed Windows systems
- Deep integration of firmware and OS patch provisioning

Operating Environments for Installation

- Microsoft Windows 2000, XP, 2003, Vista
- Redhat ES Linux v4, v5
- SUSE Linux v9, v10

Database

- Embedded database

Interface Support

- SNMPv1/v2/v3; CLI: Telnet/SSH, XML/SOAP/Web services, CIM/WMI/WBEM, HTTP/S

Integration

- Web services, email gateway, and event forwarding for third party integration

Key Features

Easy Management Server Installation

- Consolidates deep management capabilities on a single server install, that accommodates lifecycle management needs for 1000s of devices
- Upgrade options for distributed, clustered, or high availability deployments

Agentless System Management

- Deep insight and control of managed devices using standards based and vendor supplied instrumentation without deploying agents on the managed systems
- Monitoring for IPMI v1.5 capable systems allows for in/out of band monitoring and management independent of power or OS state

Deep System Discovery

- Flexibility to discover your environment many different ways including via subnet, IP range, IP address or hostname
- Both physical and logical components are discovered for physical and virtual systems

Change/Compliance Management

- Quickly detect changes to the IT environment through event-driven or proactive change monitoring
- Comprehensive reporting of configuration changes—meaningful reports on what changed, who made the change, when the change occurred and its authorization status

Health & Performance Monitoring

- Standards-based health management with WMI/CIM, SNMP, Syslog and IPMI
- Proactively monitor key system performance metrics to identify bottlenecks and performance trouble spots

Inventory Management & Reporting

- Advanced reporting capabilities for asset tracking and configuration management
- Remote Access and Control Direct-access management capability for added control and flexibility remotely control reboot, power cycling and power state on managed systems

Patch/OS Management

- Consolidate deployment of BIOS, firmware, OS driver and security updates for individual systems and group of systems

Topology

- Visualize interrelationships of virtualized systems and underlying infrastructure down to the interconnect level
- Customizable topology map for single site or multi-region geographical illustration

Group Management

- Group level change/compliance monitoring and reporting for IT resources Application Services groups for SLA/performance monitoring