

ROBO Management Solution

Comprehensive Remote/Branch Office & Edge Infrastructure Management Solution

SD-WAN – uCPE – Virtualized Network Edge – Cloud Compute Edge – VxRail – vSAN

Minimize onsite technical support costs

Allow BYOS/HW flexibility

Automate new solution deployment

Ensure consistent and timely software upgrades

Manage bulk automated branch actions

Visualize navigation across numerous branch sites

Problem isolation across multi-component

Existing equipment discovery and management

Branch configuration and security compliance

Automate closed loop corrective process

Site resource preparation and restoration for updates

CHALLENGE

Managing IT across remote or branch sites can be an expensive, complicated, and challenging task for growing organizations. From daunting initial deployments; transitions from old to new solutions; managing software releases; to ongoing management of the converged, and often BYOD/S environments; operational solutions must manage multi-technology, multi-vendor environments with minimal local support. The solution must also maximize performance by isolating service-affecting problems early, dramatically reducing downtime and site visits.

CRUZOC ROBO MANAGEMENT SOLUTION

Dorado Software's **Cruz Operations Center (CruzOC)** is a unified Enterprise IT management system to view, monitor, deploy, and configure your remote/branch office infrastructure that lets you maximize performance, reduce office/store visits, and eliminate outages.

The CruzOC Remote/Branch Office Management Solution (ROBO) offers a single pane-of-glass for comprehensive security, compliance, health, performance, and software lifecycle orchestration for any infrastructure in your remote edge software-defined infrastructure and legacy hardware.

In a single solution, IT managers can view and manage diverse environments of multiple technologies – physical/virtual/compute/network – from multiple vendors.

With CruzOC, IT departments can simplify the deployment and management headaches with a single tool to obtain performance statistics; monitor health; backup/restore/deploy firmware; push and monitor configurations to wireless controllers, APs, and network switches; trigger network health alerts; automate repetitive tasks; simplify troubleshooting; and ensure service availability.

Single Pane-of-Glass Performance, Deployment, Configuration, Compliance for Remote Sites

The screenshot displays a comprehensive network management dashboard. At the top, a navigation bar includes tabs for Home, Alarms / Events, Performance, Topology, Resources, Configuration Management, Compliance, Automation / Actions, Reports, Settings, Branch_Operations, Branch_Deploy, Branch_Compliance, and Branch_Update. The main content area is divided into several panels:

- Alarms:** A table listing various alerts with columns for Severity, Entity Name, Resource IP, Date Opened, Event Name, Count, and Message. It shows 14 items returned, including minor, informational, major, and critical alerts.
- Managed Edges:** A table listing edge devices with columns for Name, IP Address, Vendor, Model, Date created, Management State, Network Status, and Severity. It shows 3 items returned.
- Managed VNF Resources:** A table listing virtual network function resources with columns for Name, IP Address, Vendor, Model, Date created, Management State, Network Status, and Severity. It shows 5 items returned.
- Map Context:** A geographical map of California with a red pin indicating a location near Sacramento. The map is titled 'Map Context' and shows various cities and geographical features.
- Corporate Hierarchical View:** A tree view showing the organizational structure of California, including locations like Folsom, Sacramento, San Francisco, and others.

SOLUTION HIGHLIGHTS

- No-touch Office Deployment:** Accelerate office rollout with technician free automated resource and network configuration.
 - Plugin and phone home
 - Deploy initial BYOS software packages
 - Discover new and existing office resources
 - Connect all solution-based resources
 - Configure solution
 - Notify office and operator – ready-to-go
- Consolidate Resource Management:** Centralized visibility to all office compute, networking, and application performance metrics.
 - Bare metal resource visibility
 - Full solution visibility
 - Existing local resource discovery and visibility
 - Event management
 - Performance management
 - Log collection and analysis
 - Single-click actions and script initiation (Buttons)
 - Closed loop and automated corrective processes
- Software Lifecycle Management:** Corporate wide scheduling of software updates to network devices, computers, or applications
 - Consolidated lifecycle management for baremetal, OS, PNF, VNF, VM and applications
 - Manage versioned software image libraries
 - Create target groups for bulk resource updates
 - Automate remote software upgrades
 - Confirm site current version and configuration
 - Site update resource preparation and restoration processes
 - Automated rollback processes
- Active Security Compliance:** Validate all resource configurations, change auditing and automated compliance enforcement.
 - Capture resource configuration information
 - Compare configuration against approved policies
 - Update/rollback resource configuration
 - Monitor and audit configuration changes
 - Automated corrective processes

TECHNICAL SPECIFICATIONS

ROBO Infrastructure Support Examples

- SD-WAN
- cUPE
- Virtualized Network Edge
- Cloud Compute Edge
- VxRail
- vSAN

Comprehensive Multi-tech/ Multi-vendor Support

- **Technology Examples:** Networking, Wireless, Storage, SD-WAN, Servers, Clients, Hyper Converged, Backup
- **Vendor Examples:** Cisco, Ruckus, Aerohive, DellEMC, Brocade, Juniper, Netgear, Extreme, Foundry, HPE, F5, Sonicwall, Sonus, Aperi, Avaya, Lenovo Ericsson, Siemens, Enterasys, Nortel, Alcatel, 3Com and many more.
- **For more details and a complete device listing, contact sales@doradosoftware.com**

Supported Web Browsers

- Chrome
- Safari
- Firefox
- Internet Explorer

Deployment Options

- Supports single server and high availability deployments with MySQL and Oracle databases

Trials, Pricing, Options

- Free 30-day trial www.doradosoftware.com
- Low-risk, affordable subscription-based options in 1/3/5-year terms
- Scales from 25 devices to unlimited

Demos, Quotes, Purchase

- Dell Technologies Representative, Reseller or sales@doradosoftware.com

Supported Operating Systems (64-bit)

- Microsoft Windows Server 2008, 2012, 2016, 2019
- Linux for Redhat and CentOS v6.5/v6.6/v7.5/v7.6
- Virtual Appliance

About Dorado Software

Dorado Software, Inc. is a leading provider of integrated resource management, performance monitoring, and service orchestration software to automate cloud operations across converged infrastructure fabrics. Dorado helps IT professionals to monitor, configure, and manage converged infrastructures (physical and virtual storage, servers, networking, applications), virtualized network functions and cloud services. www.doradosoftware.com.