

Hybrid resource, software lifecycle, dynamic log management, and service orchestration for virtual edge deployments

Maximum flexibility: choose virtual capabilities that fit your requirements and budget.

Eliminate technical support costs: Automated on-site installation of VEP and network services.

Minimize support application costs: Integrated management for VEP, other branch equipment, and broader corporate resources.

Reduce support training costs: Single screen for install thru manage VEP operations and more extensive ongoing corporate resource management.

Ongoing VNF management: Scaling, updates, and new network or application orchestration.

Comprehensive visibility of VEP status: Full bare-metal, operating system, log, and VNF performance monitoring.

VIRTUALIZED NETWORK EDGE CHALLENGES

The edge facilitates a wide range of significant business opportunities. From delivering better internet services for 100s of restaurants to providing service providers with distributed 5G processing, edge infrastructure has become the core for many diverse and promising business models.

Edge solutions require integration into a wide range of software components to support comprehensive and holistic management of hardware and software, both for individual sites and across distributed edge deployments – at scale. The integrated use of numerous new IT and network technologies – such as Virtual Edge Platforms, SDWAN, and HCI based cloud clusters – coupled with the broad geographical distribution of sites with limited technical expertise, presents a number on management challenges for edge business models.

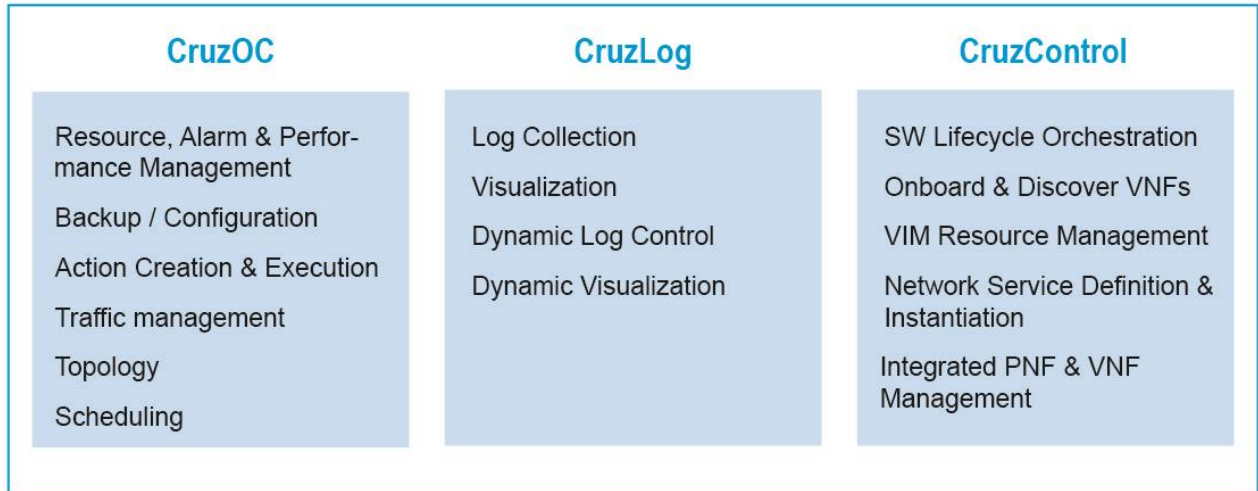
CRUZ VIRTUALIZED EDGE ORCHESTRATION AND MANAGEMENT

The Cruz Suite provides industry-proven and scalable resource management, performance monitoring, and service orchestration to automate cloud operations in today's enterprise and service provider markets. Dell EMC virtual edge platform (VEP), utilizing VMWare ESXi technology, accelerates network transformation by easing the adoption of virtual edge deployment, and SDWAN orchestration. Cruz features central management for deep infrastructure visibility and automation of on-demand NFV services with zero-touch provisioning. Cruz VEP and edge solutions provide integrated hybrid resource management, dynamic log management, and service orchestration for virtual edge deployments from a single console.

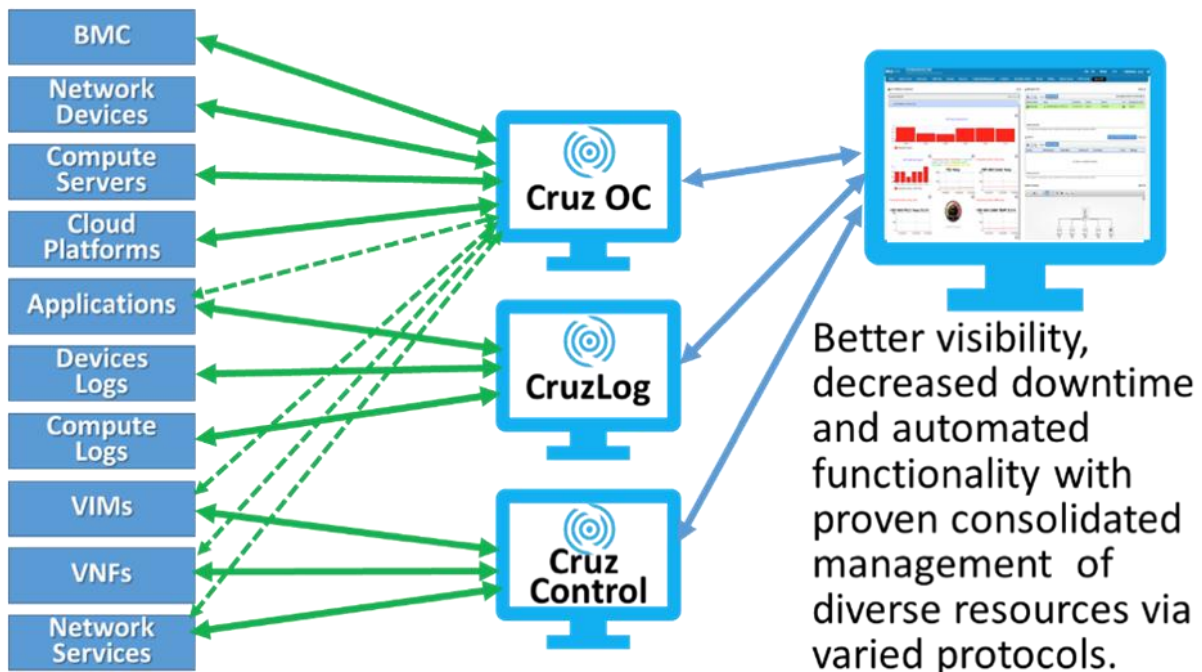
The Cruz Virtualized Edge Solution offers a single pane-of-glass for comprehensive security, compliance, health, performance, and software lifecycle orchestration for any infrastructure in your virtualized edge infrastructure and legacy hardware.

THE CRUZ SUITE

- **Cruz Operations Center (CruzOC):** Industry-proven resource, monitoring, performance, and backup/configuration platform
- **CruzLog:** Integrated and flexible tools to collect, filter, analyze, visualize, and manage system and application logs.
- **CruzControl:** Resource management, orchestration, and configuration of virtual and physical network services.

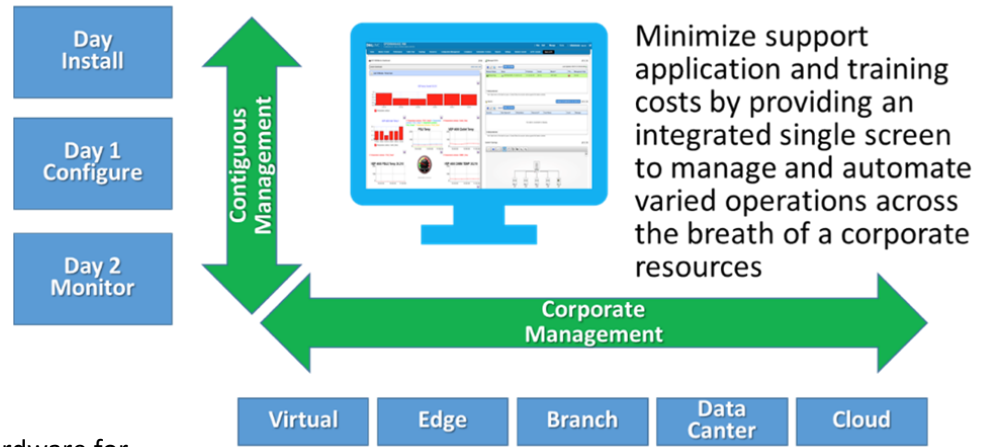


SINGLE OPERATOR SCREEN TO MANAGE NETWORK AND COMPUTE RESOURCES



SOLUTION HIGHLIGHTS

Cruz offers a comprehensive suite of critical features that address virtual edge orchestration and management challenges, across the breadth of the any potential edge assets, while optimizing support costs, reducing downtime, eliminating manual errors, and minimizing onsite visits.



Dell VEP 4600/14xx Management

- Deep integration into edge hardware for management, monitoring, configuration & performance for Dell VEP hardware.
- Supports broad array of edge equipment from Dell including 4600, 14xx, PowerEdge, VxRail, etc., as well as other networking and storage devices.

Bring your own VNF, VF (applications) and Manage on Industry Leading Virtualized Environment, VMWare ESXi

- Maximum flexibility for selecting the right virtual edge stack for application and user requirements from industry leaders such as VMWare and Dell.
- Superior list of on-boarded VNFs to choose from, certified on VMWare ESXi virtualized platform.
- Reference platforms and vendors are delivered off the shelf.

Orchestration & Automation of Entire Stack Deployment

- Array of automation options for deployment orchestration for all stack components.
- Automated network service configuration & deployment.
- Closed-loop automated error correction & scaling.

Complete Management & Operations of Virtual Edge Stack

- Minimum touch deployment and management of remote virtual edge stack components.
- One console for management of all virtual edge stack components, technologies, and vendors.
- Contiguous single screen visibility for Day 0-2 management processes and broader hybrid services.

Complete Management & Operations of Multi-Vendor, PNF & Virtual Edge Stack Resources

- Manage existing and legacy site resources including switches, servers, appliances, power supplies, etc.
- Monitoring, traffic, configuration, automation, performance, compliance, and other management applications along with sophisticated analytics capabilities.
- Industry-proven resource management and performance management at scale.

Hybrid Management

- Cross equipment – Manage diverse equipment, both physical and virtual, for compute and network services. (Dell PowerEdge, VEP)
- Cross cloud architectures – Support leading data center, HCI, and edge cloud architectures (VxRail, Azure, AWS, VMWare, Nutanix, Dell VEP).
- Cross functional – Manage functionality in the network and application domain and support interaction between.

TECHNICAL SPECIFICATIONS

Edge Infrastructure Support Examples

- Baremetal Hypervisor (EXSi)
- Virtualized Network Edge (VEP)
- SD-WAN
- cUPE
- 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, Dell EMC, 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
- Linux for Redhat and CentOS
- 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.