

Solution Note

Tools to Customize, Extend, Create & Integrate Redcell™ System Integrators Solutions

Key Features of Redcell Suite

Service Provisioning

- E-line, E-LAN, E-Tree
- QoS for Voice, Video, Data

Ethernet OAM

- Connectivity verification, fault detection, diagnostics, performance monitoring, and alarm indication for end-to-end monitoring

Health & Performance Monitoring

- Real-time device & service
- Pre-seeded monitors
- Dashboards
- Netflow, Jflow

Deep Discovery & Inventory

- Single database & GUI for consistent service configuration & activation
- All H/W, S/W, physical & logical sub components

Topology

- Hierarchical visual mapping with alarm propagation

Configuration Management

- Real-time configuration changes
- Detailed configuration of next gen technologies

File, OS Management

- Backup, restoration, archiving, deployment & comparison

Comprehensive Reporting

- Inventory: By Device, Sub component, Service
- Change /Compliance: Who, What, When, How

Customizable and Off-the-shelf OSS Solutions

Dorado Software's Redcell Suite of Resource Management, Service Management, Fulfillment and Assurance products offers Service Providers a true end-to-end solution for their next generation OSS. From service fulfillment to service assurance to managing your resources, Dorado's Redcell can do it all. The suite is flexible and scalable to meet a wide range of installations, and with specific customization tools packaged in Redcell, system integrators customize the implementation to meet any environments requirements. Having a suite of applications integrated with customization tools makes Redcell the perfect choice for system integrators and service providers.

Redcell Studio provides the tools to Customize, Extend, Create or Integrate the Redcell Products to meet your customers requirements.

Customize	Extend	Create	Integrate
Operator	Admin	SME	IT/Programmers
<ul style="list-style-type: none"> ✓ Configuration Tasks ✓ Diagnostics Troubleshooting Tasks 	<ul style="list-style-type: none"> ✓ Services ✓ Monitors ✓ Dashboards /Layouts ✓ Compliance Policies 	<ul style="list-style-type: none"> ✓ Services ✓ Device Drivers 	<ul style="list-style-type: none"> ✓ Northbound Integration ✓ Web Services

Redcell Design Studio

Customize or extend Redcell's flexible 'purpose' based modules focused at popular services

Build your own next generation services with tools and open source to modules

Define services and associate resources required to deliver that service

Workflow operational oriented, task architecture, with inherent BPEL support for integration

Correlation Rules

Powerful correlation/rule engine allows System Integrators to create unlimited rules/automations to enhance their customers implementation.

Eliminate 'white noise' alarms and focus on real issues by configuring correlate symptomatic alarms to a root cause alarm and suppress the child alarms.

Create tasks to take numerous actions, from scripts to gather additional information, auto restoral scripts, to auto notification logic.

Advanced Monitors

Isolate key health attributes & characteristics for devices, networks, and application/network services.

Pre-seeded with monitors for key network and application services, in addition to performance monitors any number of service-related Key Performance Indicators.

System Integrators can easily create monitors for their customers to customize to their requirements.

DDSDK (Device Driver Development Kit)

Use Codeless Device Driver Factory to create device drivers that let Redcell discover, show the condition of and configure devices.

Create advanced drivers with custom discovery / resync and device-specific resource screens.

System integrators can integrate any device regardless of the vendor

Adaptive CLI (ACLI)

Configure and archive the results of scripts sent to devices.

Use devices own basic script language, and the output of Perl scripts to manage repetitive or conditional communication.

Seeded with many popular and useful scripts

SI's can easily add additional scripts which operators can execute without having admin knowledge of the actual scripting language.