



Web-EMS™ SNMP based Management Solution

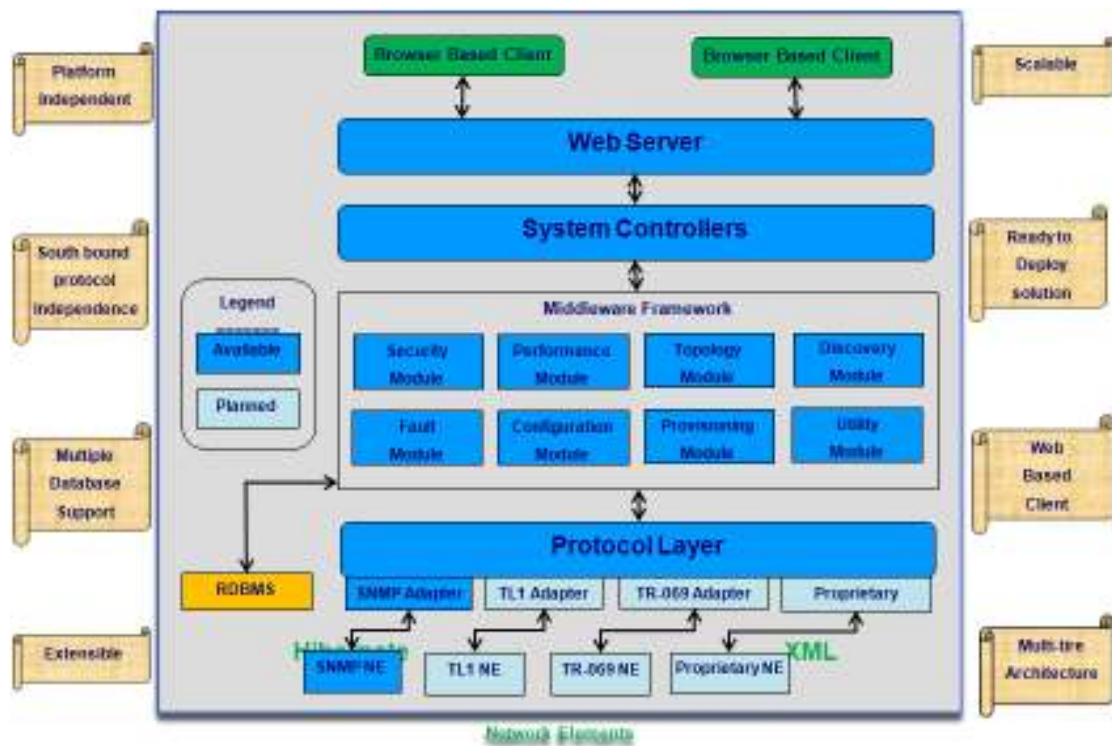
About Rebaca

Rebaca is a leader in Multimedia & Communications software, providing strategic solutions to Telecommunications and Broadband Chipset vendors, OEMs and Service Providers. With our vast expertise in Digital TV, Interactive TV, Mobile Applications, Communication Applications, Network Management domains, Rebaca is an ideal partner for technology outsourcing

Rebaca offers an extensible, Java-based, Element Management solution to provide basic components needed to quickly build NM/EM Systems resulting in significant savings in time-to-market and cost. The solution leverages Rebaca experiences in developing NM systems for various customers across different technologies including Wireless, Wireline, Access and Enterprise.

The lightweight SNMP based solution comprises of the following modules

- Discovery
- Fault
- Configuration
- Performance
- Security management
- Provisioning
- Topology
- Chassis view



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Key Benefits

- Ready to deploy solution within days : Plug and Play solution in SNMP enabled device environment
- Southbound protocol independence :Protocol Adaptation Layer ensures support for SNMP, TL1, TR-69 managed elements
- Platform independent :100% Java implementation ensures platform independence
- Multiple database support : Utilizes Hibernate to ensure compatibility with any RDBMS through ORM, including transaction management.
- Modular design: Independent client and server architecture ensures deployments of modules as necessary.
- Customization service based on requirement: The solution is adaptable to meet user requirements via its various customizable and extendible features. The Independent Client and Server components can be plugged in into legacy applications
- Complete User documentation available

Key Features

- Discovery
 - Node Discovery.
 - Multiple Device Discovery in a Subnet.
 - Deep Discovery
 - Discovering Topological information for Devices.
 - Auto Grouping of Devices based on the Device Types.
 - Rediscovery of the already discovered Devices after a certain interval
- Fault Management
 - Receives Traps from Devices.
 - View Traps with severity information.
 - Auto refreshing of EMS on receipt of any Alarms.
 - Registering Faults thereby allowing EMS to only view the meaningful Alarms.
 - Generation of Email alert on receipt of trap
- Configuration Management
 - Setting Configuration Parameters.
 - Group Operation on Configuration parameters.
 - Grouping up Configuration parameter for better manageability.
- Performance
 - Polling performance statistics at device level at regular and configurable interval.
 - View performance statistics at device level.
 - Display of performance graphs.



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- Chassis View
 - Represents the chassis view of Carrier Grade servers and switches
- Topology
 - Generation of Topology maps for all the managed Devices within a discovered Network.
 - Topology map automatically gets refreshed at regular interval to show the Fault status on any Devices.
 - Hierarchical Topology view
- Provisioning
 - Template based Provisioning for Configuring Devices under a specific Group.
 - Scheduling of Provisioning tasks at Device level.
 - Maintains execution logs to keep track of the provisioning history with error details.
- Security
 - Controlling access rights by creating various user groups, which defines the levels of access.
 - Rule based approach to create permission lists for any specific user or group.
- Others
 - Support for North Bound Interface (SNMP and XML)
 - Browser Compatibility [IE 5.0 onward & Mozilla 2.0 onwards]