

enCloud™ Enterprise Management System

enCloud™ Key Benefits

- Monitor and Manage EN™ Series Routers
- Scalable for VARs and MSPs with several customers and Users
- Track cellular usage on individual, shared and pooled data plans
- Restrict or Throttle data speeds to prevent overages
- No touch deployment for new devices
- One touch redeployment of configurations
- Advanced Rules engine
- API for integration with enterprise applications
- Automated device tasks
- Configurable Event thresholds for key performance metrics
- Self-Clearing Alerts
- Router Firmware updates included

enCloud™ ENTERPRISE MANAGEMENT SYSTEM

Monitor and Manage EN™ Series Routers

The enCloud™ Enterprise Management System allow users of EN™ Series routers to remotely monitor and manage their installed base of EN™ routers. enCloud™ displays key information reflecting the current status of EN™ routers and provides tools to deploy configurations and firmware updates.

Manage Multiple deployments

enCloud™ is an ideal tool for Value Added Resellers (VARs) and managed service providers (MSPs). The hierarchical design allows devices and permissions to be assigned at different levels. One VAR can manage the devices of several customers all in one place while keeping one customer's data separate from another's. Users can be assigned to a VAR, a customer or a deployment group within a customer in order to accommodate different roles and responsibilities.

Automated Monitoring

Device data is updated regularly as routers communicate with enCloud™. The status of individual devices or entire deployment groups can be viewed with simple and customizable dashboards. Using the advanced rules engine, enCloud™ can be configured to automatically react to concerning device conditions with automated notifications and alerts. Rules can also trigger remedying actions on the device including rebooting the device, turning off or throttling data ports, or sending new configurations.

Manage Data Usage

enCloud™ has the ability to track and manage the individual data usage of EN™ Series routers but is also capable of managing groups of routers on shared or pooled data plans. This enables users to see which devices are using more than their fair share of data within a group and deploy solutions to throttle or disable data access protecting from large data overages.



enCloud™ Enterprise Management System

Software and Configuration Updates

Keeping devices up-to-date is easy with enCloud™. The most recent software releases for each hardware model are stored within enCloud™ and can be pushed to individual routers, or entire deployment groups on a schedule or on demand. Router configurations can be deployed in the same way, making it possible to ensure consistent configurations across deployment groups. By using the automated device deployment settings new devices can be automatically configured the first time they check into enCloud™. Allowing for rapid deployment of new devices without user intervention.

Effortless Deployments

The enCloud™ supports no touch deployment of new routers through the use of our automated device deployment settings. When devices come online for the first time they are automatically configured with the latest firmware and the configuration presets of your choice. All of the units in a deployment group can be reconfigured with a single click using the group configuration tasks. The status of all the devices within a deployment group are displayed on convenient dashboards.

Reporting and APIs

enCloud™ has a number of reporting options that cover device uptime, sensor status, signal strength levels as well as interface status. Additionally, enCloud™ has an open API platform that can be accessed to pull device data from enCloud™ into other enterprise applications.

The screenshot displays the enCloud™ Enterprise Management System interface. At the top, it shows the user 'Brad the ENCADMIN [Admin]' and the customer 'Brad's Company'. The main content area is titled 'Use Case Devices' and contains a table with the following data:

| Online | Profile | Name | Last Seen | State | Data Frequency | Actions |
|--------|---------|-----------------------|-------------------|------------|----------------|------------|
| ✓ | EN2000 | Brad Sequans | A few seconds ago | Registered | 120 | ⚙️ Actions |
| ✗ | EN1000 | Erik Varney Demo en1K | 20 hours ago | Registered | 120 | ⚙️ Actions |
| ✗ | EN4000 | Berk Trial | 7 months ago | Passive | 120 | ⚙️ Actions |
| ✓ | EN2000 | Brad Static | A few seconds ago | Registered | 120 | ⚙️ Actions |
| ✓ | EN2000 | Brad's EN2000 (Desk) | A minute ago | Registered | 120 | ⚙️ Actions |
| ✓ | EN1000 | Brad's EN1000 (Desk) | A few seconds ago | Registered | 120 | ⚙️ Actions |

Below the table, there are four summary charts:

- Device Statuses:** A donut chart showing Online (green) and Offline (red) devices.
- Device States:** A donut chart showing Registered (green), Waiting for Response (orange), and Passive (red) states.
- Device Alert Statuses:** A donut chart showing Resolved (green) and Unresolved (red) alerts.
- Alerts:** A box indicating 'No Alerts Found' with a filter dropdown.