

NEED A TAILOR-MADE ELEMENT MANAGEMENT SYSTEM IN A TURBO-CHARGED TIMEFRAME? MEET CommandEMS

Why CommandEMS?

- Tailored to your product specs
- Rapidly deployable (standard EMS functionality in framework)
- IP Device Agnostic
- Scalable to 1000s of devices
- OS-independent
- Component-based technology framework
- Modern and intuitive user interface (browser based)
- Easily adaptable for changing standards

CommandEMS Components

- Fault Manager
- Configuration Manager
- Performance Manager
- Security Manager
- Database Manager
- Device Interface Adapter
- Device Communications
- Log and Trace Facility
- J2EE Application Server Integration
- Developer's Guide

CommandEMS Framework – Tailor-made and Rapidly Deployable

CommandEMS is a cost effective and time conscious alternative to building an element management system from scratch. CommandEMS has standard EMS functionality build into the framework. The remaining functionality is tailor-made to your product and brand's exact specifications.

Leverage CommandEMS and the EMS expertise of Northforge engineers to turbo-charge your EMS development time and get your product to market sooner.

Functionality

Fault Management:

- Flexible rules base engine to tailor Alarm, Trap and Event handling
- Tailor GUI framework to build Network Status displays
- SNMP Northbound interface option for custom first alert notification
- Flexible framework for building interfaces to new network elements

Configuration Management:

- TFTP and FTP for device configuration file transfer
- Run time templates tailored for configuration, backup and restore
- SNMP for configuration
- SSH/Telnet pass-through to device CLIs
- HTTP/HTTPS pass through to device web servers
- Flexible services for software and firmware download management

Performance Monitoring:

- Highly configurable PM collection options set up from GUI
- Operational Measurement data storage/management infrastructure
- Flexible Graphing and Report generation toolkits
- Flexible Thresholds Crossing Alert environment

Security Management:

- Role based NOC User security model available
- Support for SNMPv3 User-based Security Model (USM) and View-based Access Control Model (VACM)

Leverage Our Expertise

Northforge engineers will tailor CommandEMS to your exacting standards.

Contact Us for a Demo

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Features and Benefits

Tailor-made: Tailor CommandEMS to your exact needs to create a highly differentiated EMS that sets your product apart in a crowded marketplace.

Rapidly Deployable: Standard EMS functionality is built into the CommandEMS framework to drastically reduce your development time and dramatically accelerate your time to market.

Device Agnostic: CommandEMS is device agnostic and supports any IP-enabled product, thereby streamlining your development requirements.

OS Independent: Port your tailored EMS from one platform to another, leveraging development time that has already been invested.

Scalable: CommandEMS scales to 1000s of devices.

Component Based: The framework and architecture are broken into subcomponents making it easy to monitor, inventory, configure and manage devices.

Intuitive UI: CommandEMS is delivered with the end user and developer interfaces so the first of your development work is already done.

Adaptable: CommandEMS has built-in flexibility allowing you to adapt your management system to ever-changing standards.

CommandEMS Framework Architecture

