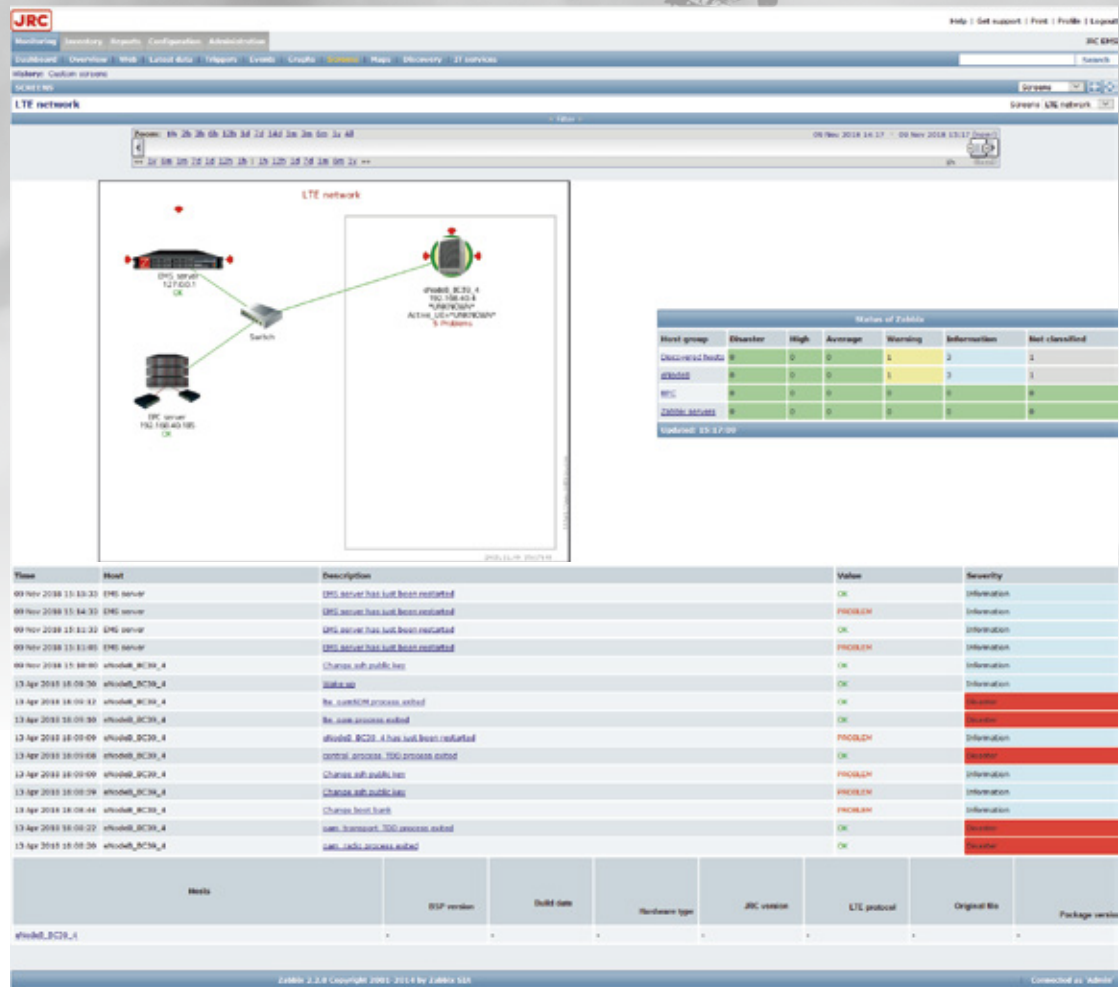




## Key Features

- ▶ State-of-the-art EMS system for JRC portfolio  
Supports: configuration, fault management, alarms, performance monitoring and security management
- ▶ Can be installed on-premise or in the cloud
- ▶ Open to 3rd party equipment (Development may be needed)

## About EMS

JRC EMS solution is a State-of-the-art Element Management System designed for JRC Private LTE portfolio. It enables operators to deploy, manage and maintain the network in a powerful way.

## Functionalities

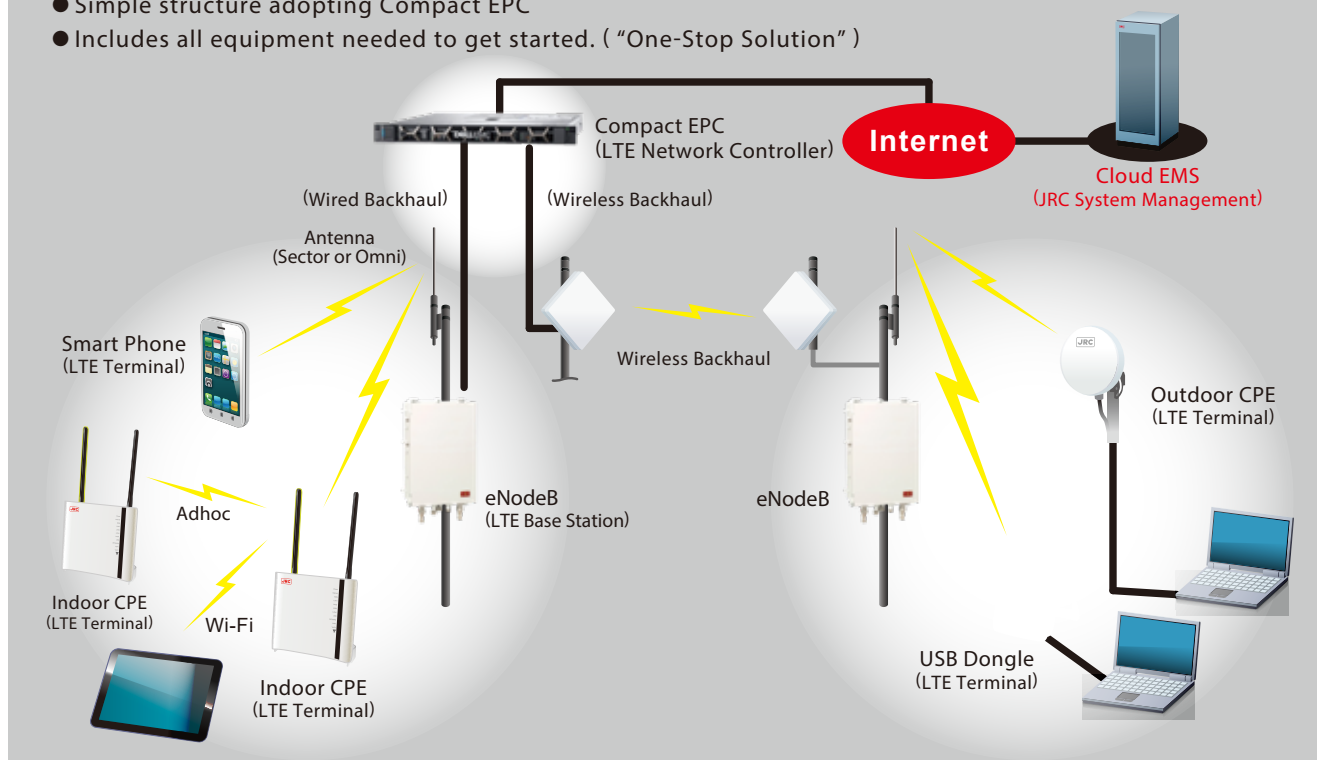
- Remote configuration
- Alarms on equipment fault, including email notifications
- Performance monitoring (LTE performance, KPI export...)
- Security management
- Web based GUI

## JRC LTE System Diagram

EMS enables total management of installation, configuration, operation, and maintenance for LTE network devices such as eNB (Evolved Node B), EPC, and other network elements

### Basic System Configuration with Future Expandability

- Simple structure adopting Compact EPC
- Includes all equipment needed to get started. ( "One-Stop Solution" )



## EMS Hardware Requirements

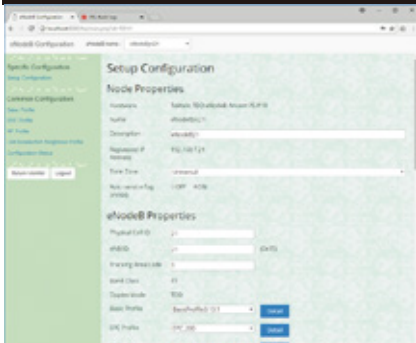
| Name       | Platform                | CPU/Memory        | Number of Hosts |
|------------|-------------------------|-------------------|-----------------|
| Small      | CentOS                  | Virtual Appliance | 100             |
| Medium     | CentOS                  | 2 CPU cores/2GB   | 500             |
| Large      | RedHat Enterprise Linux | 4 CPU cores/8GB   | >1000           |
| Very Large | RedHat Enterprise Linux | 8 CPU cores/16GB  | >10000          |

## Use Case

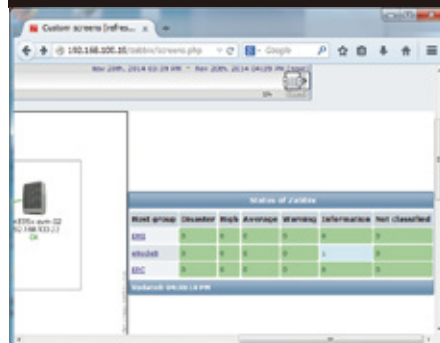
### Performance Monitoring



### Remote Configuration



### Sysyem Monitoring



\*Specifications are subject to change without notice.



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