

Unified EMS/ NMS Controller



BUSINESS REQUIREMENTS



Unified Centralized management controller for managing heterogeneous devices



Centralized management console with next-gen intent driven UI features



- Human readable configuration template support
- High Availability



OUR SOLUTIONS



Developed the management application with multiple protocol support like SNMP, NETCONF, OpenFlow etc. for different types of devices.



Robust architecture with symmetric design for Embedded EMS, EMS and NMS systems.



- Design and implementation of Self-referential canonical format Parser.
- High Availability support in a robust scalable environment



TOOLS / TECHNOLOGIES



- Java, Spring, Hibernate
- HornetQ
- Tomcat
- MySQL
- Mockito, Groovy



- Websockets
- Node.js/NPM - Java Script Tools
- HTML5, AngularJS & Resttangular Rest API Integration
- SASS/SCSS – styles



- Jenkins, Maven
- Protocol- SNMP, , OpenFlow, Syslog



BUSINESS IMPACT



Single solution that can manage both SDN and Non-SDN hybrid devices thus creating new market for brownfield or greenfield SDN deployments



Unified and consistent user experience across EMS/ NMS – easier adoption by network admins and hence enhanced demand creation



Faster Disaster Recovery and Portable configurations allowing solution to be a preferred option for multi-site deployments.

About Happiest Minds Technologies:

Happiest Minds, the Mindful IT Company, applies agile methodologies to enable **digital transformation** for enterprises and technology providers by delivering seamless customer experience, business efficiency and actionable insights. We leverage a spectrum of disruptive technologies such as: Big Data Analytics, AI & Cognitive Computing, **Internet of Things**, Cloud, Security, **SDN-NFV**, RPA, Blockchain, etc. Positioned as "Born Digital . Born Agile", our capabilities spans across product engineering, digital business solutions, infrastructure management and security services. We deliver these services across industry sectors such as retail, consumer packaged goods, edutech, e-commerce, banking, insurance, hi-tech, engineering R&D, manufacturing, automotive and travel/transportation/hospitality. Headquartered in Bangalore, India; Happiest Minds has operations in USA, UK, The Netherlands, Australia and Middle East.