Cable Record Management System

Challenge

BSNL is India's largest Telephone/Mobile/Data Service Provider serving 1million customers in 23 states. BSNL intends to computerize the processes associated with the maintenance of Telephone Network / Assets. The application will show information about Telecom Network / Assets in textual and graphical form, and enable BSNL to use the application as an effective tool for planning, installing, operating and managing the external plant network.

Solution

Cable Record Management System (CRMS), developed by Regency InfoTech, stores complete database of cable-records, associated network components and maps/drawings in electronic format. The system will provide for an effective management of external plant resources through a graphical display of any desired cable segment(s) or any network component(s). The system will provide interfaces to communicate with external systems like Fault Repair System (FRS), Waitlist Management, and Commercials in a Telecom Area.

The system retrieves Subscriber Complaints from FRS and enables the Telecom Engineers to trace the complete path from Subscriber Location to Exchange thus allowing the engineers to identify the fault location on the Map before undertaking the repair work.

Benefits

> ➢ Decision support tool for Cable Network Management
> ➢ Site crew can easily find exact location of the fault
> ➢ Increases overall efficiency of the organization
> ➢ Helps in Capacity Planning

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