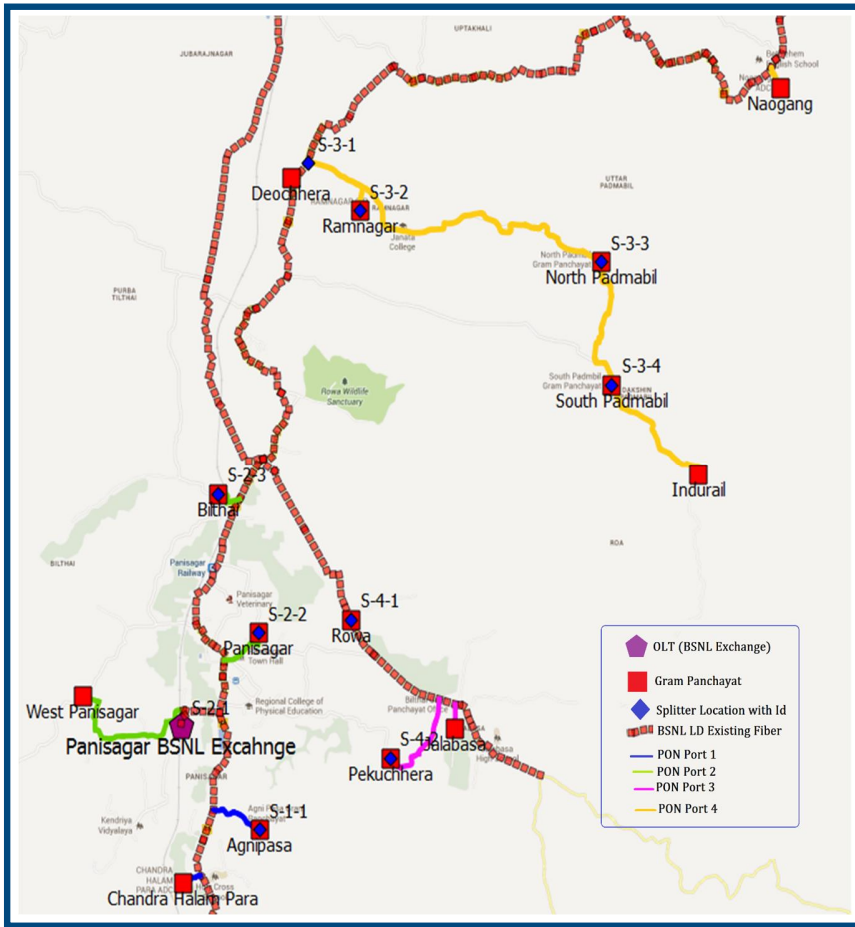




Tele-PlanNet: Geo-Intelligent Telecom Network Planner



Salient Features

Backhaul and Access Network planning with reduced CAPEX & OPEX

Electronic equipment optimization

Plan for Greenfield and Legacy networks

OGC Compliant GIS Mapping and other interfaces

Asset and Fiber Management

Designed as per ITU-T Recommendation

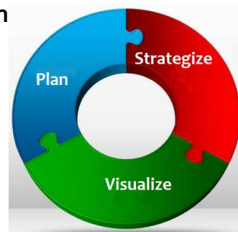
Customizable as per user requirements

Cost effective and Secure

Save Time, Money and Resources using Tele-PlanNet, one click automated solution for Optical Backhaul and Access Network layout planning

To meet the ever increasing demand for the expansion of broadband networks, network providers are increasingly faced with reasons to adopt a modern and powerful planning, management and documentation system which

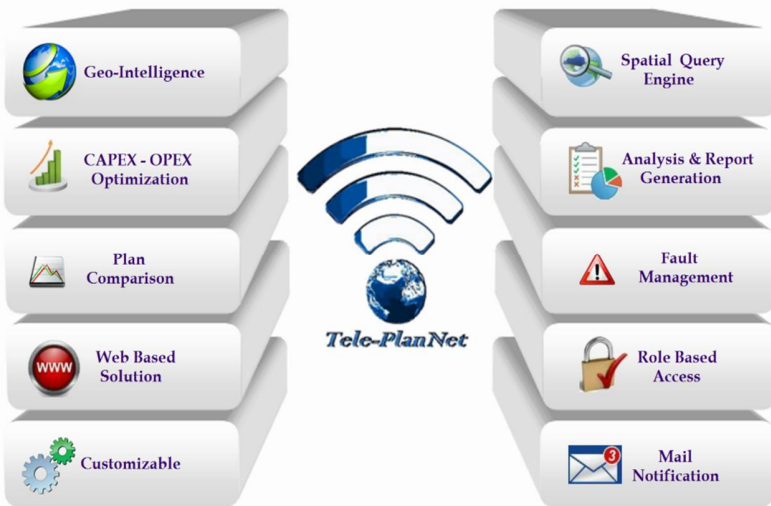
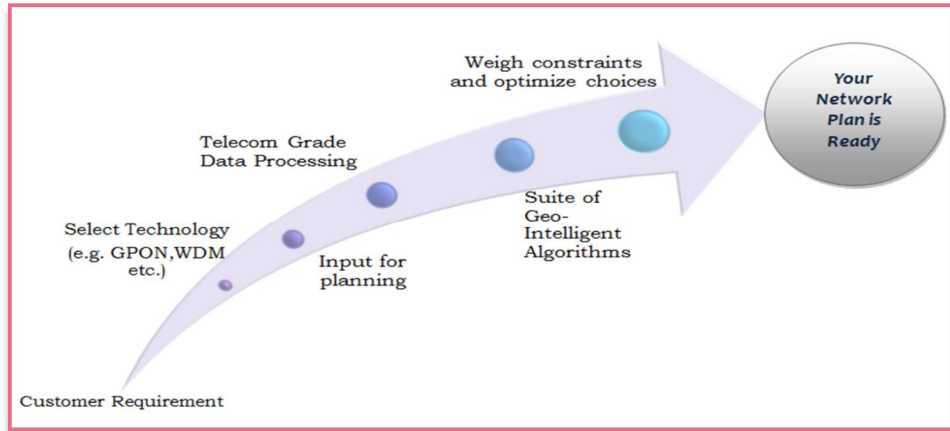
- Plans by strategizing...
- Strategizes by visualizing...
- And Visualizes by Planning...



Tele-PlanNet was developed based on these requirements of setting up a new telecom infrastructure while utilizing as much of existing infrastructure as possible. It automates the entire process of visualization, plan generation and the preparation of construction documents and work orders.

The combined GIS and interactive user interface optimizes the customer's workflow, wherein all the relevant network objects are taken into account.

How **Tele-PlanNet** will benefit you to deploy your network!



Generate High Quality Plans

As per your requirement, Tele-PlanNet suggests you the most suitable technology for the deployment of your network and generates optimized plans.

Optimize CAPEX & OPEX of your Network

With suitable technology selection and route optimization, Tele-PlanNet suggests you the most cost effective plan for your network deployment.

Manage your Network

Tele-PlanNet allows you to manage the telecom assets by visualizing them on satellite image and you can also monitor and measure work progress.

Interface Tele-PlanNet with NMS, FMS and FFLS

Tele-PlanNet has well defined interfaces for Network Management System (NMS) as well as FMS (Fiber Management System) and FFLS (Fiber Fault Localization System).

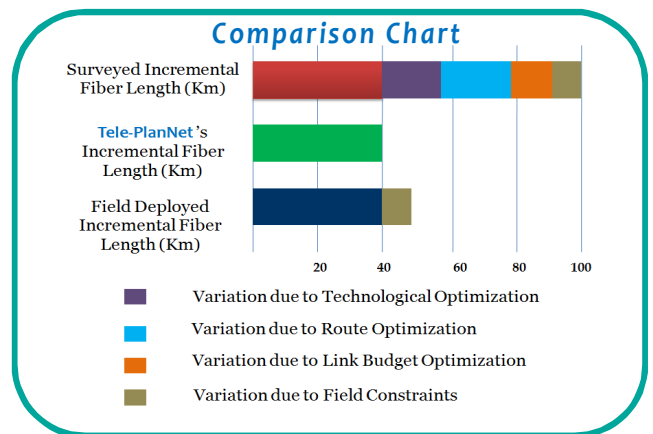
Expand your Network

Tele-PlanNet supports future expansion of your network within a few clicks considering existing network infrastructure optimally.

Field Trial Case Study

To provide fiber connectivity to all the 2,50,000 Gram Panchayats of India, under the NOFN, GPON Technology will be deployed for last mile connectivity. This is to be achieved by utilizing existing fiber and further extending these to Gram Panchayats using minimum incremental fiber.

Tele-PlanNet provides an appropriate solution for this by generating detailed plan and automating the deployment process in the field. In NOFN, on average, **Tele-PlanNet** saved up to 60% incremental fiber as it considers technological optimization, route optimization and link budget optimization while generating plans. The comparison chart depicts the amount of fiber and cost saving achieved by **Tele-PlanNet**.



Centre for Development of Telematics



C-DOT Campus, Mehrauli, New Delhi -110030, India
Phone: +91-11-26802856 Fax: +91-11-286803338

Website: www.cdote.in

Electronics City Phase-I, Hosur Road, Bengaluru -560100, India
Phone: +91-80-285200050 Fax: +91-80-28520050, 25119001

Copyright © 2015 C-DOT. All Rights Reserved