

YOUR DIGITAL JOURNEY BEGINS HERE



Planning

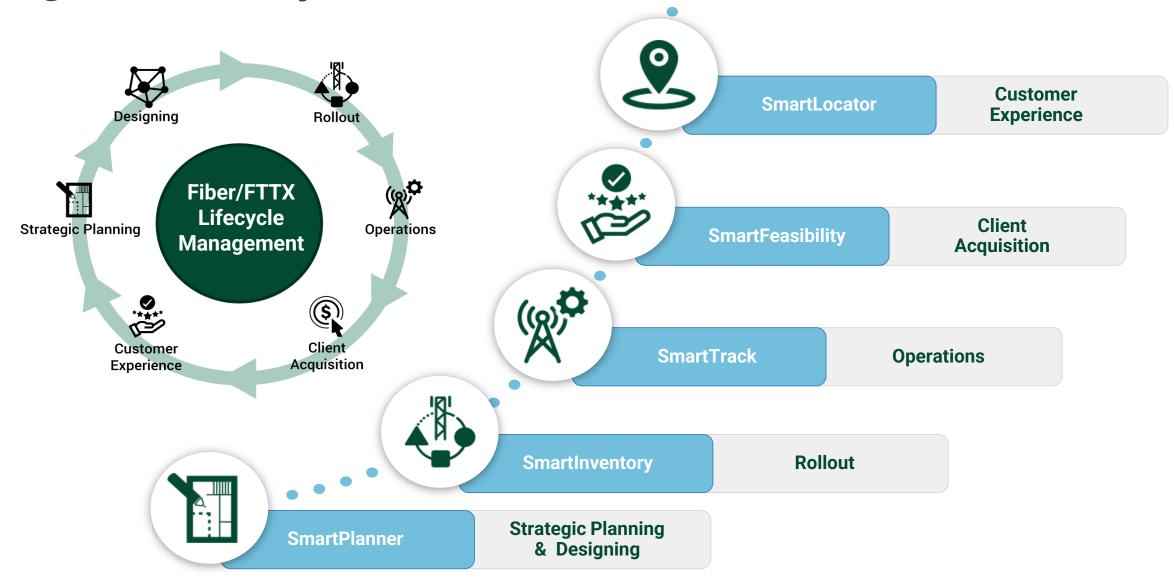
Managing

Operations/Tracking

Sales/Customer Experience



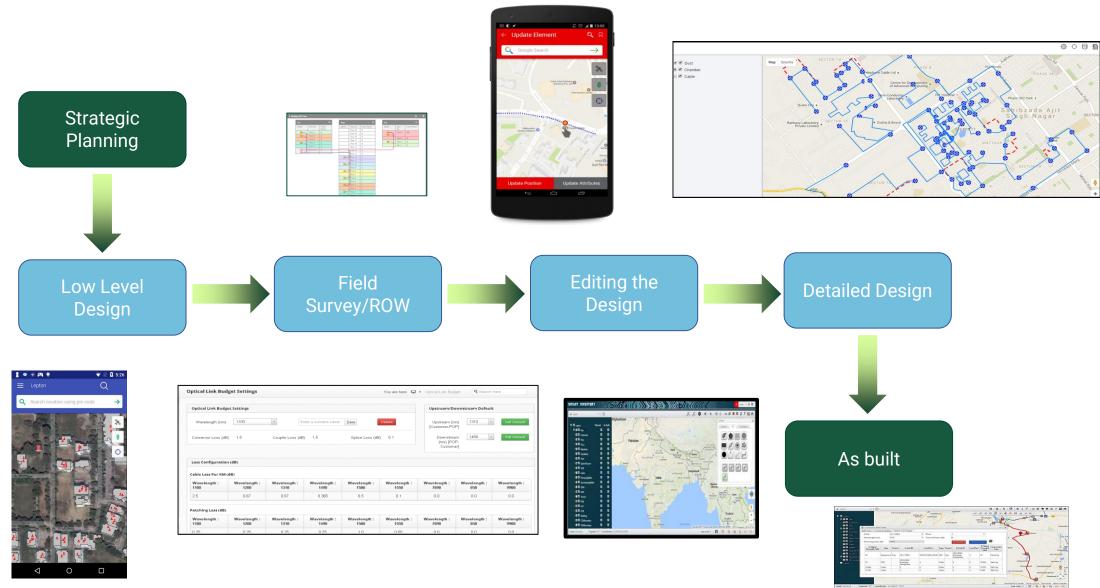
Digital Journey from Plan to Cash - NetworkAccess





FTTx Network Planning Process - SmartPlanner

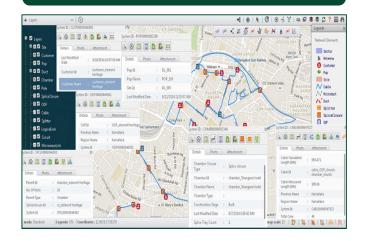




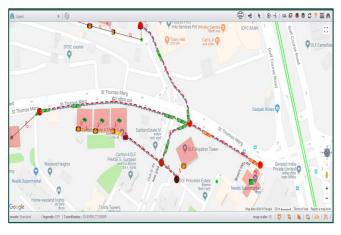
Create Network Digital Twin – SmartInventory



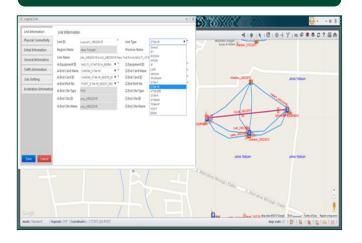
Outside Plant Views



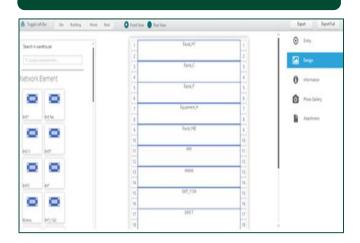
Field Views



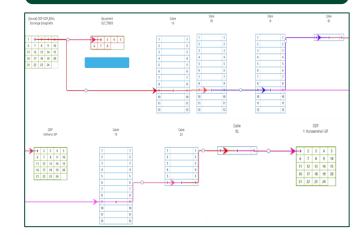
Circuit Views



Rack Views



Schematics Views



Vaults and Floor Plan Views

ON Site Building		
	Floor 4	
	Floor 3	
	Floor 2	
	Floor 1	
	auty-manekogov mortozyaj	
■POP ■Customer ■	None	

What You Can Perform





ISP



Infrastructure Provider

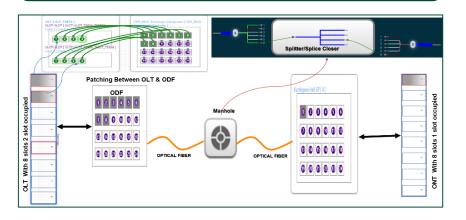


Telco

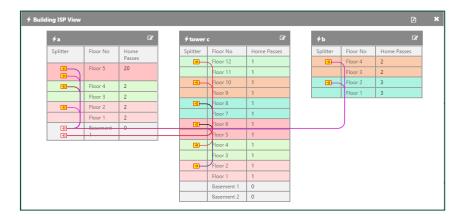


TowerCo

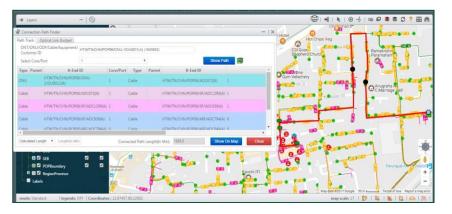
Correlate all Aspects of your Network



Connection path from POP to customer



Manage the End to End Network/capacity/Utilisation



Access Information Throughout Organization



Manage your FTTx Network - SmartOps



Track Field Cew



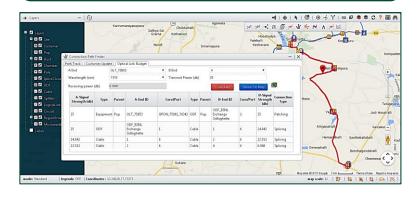
Assign Tickets



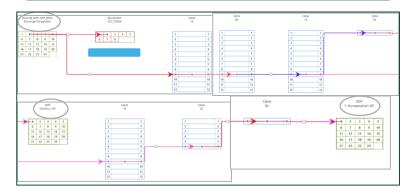
OTDR Trace Analysis



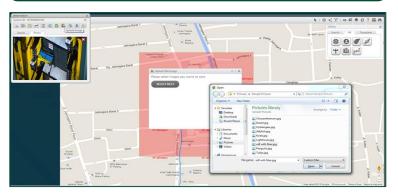
Work Order Management



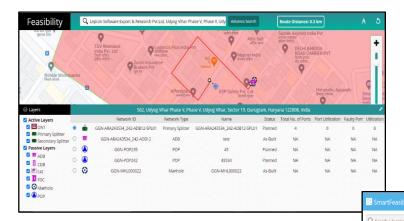
ODF to Fiber Cable Connectivity Through Splicing



Capability to Upload Geo-Tagging Images



Improve Sales and Customer Expeience

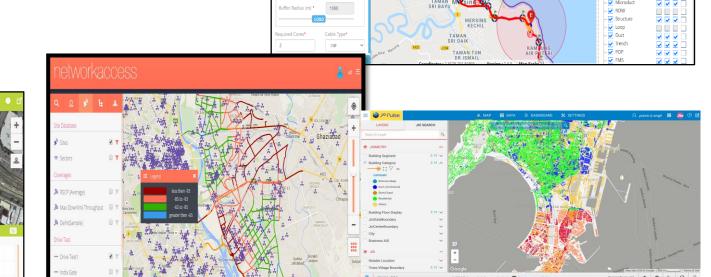


Find RF Coverage levels

 Enable sales team with atsite service qualification tool

Customer self service portal

 Perform Enterprise Service Qualification















GFGNL GIS Project Objective

- To capture network architecture, inclusive of Active and Passive Inventory for PAN Gujrat on GIS based Telecom Inventory Solution
- Flexible solution to capture the various use cases. Such as:-real time network utilization,
 As-built and BOM/BOQ, Actual mapping of network location and fault locations on GIS
 platform on real time basis with the help of Mobile app and Web app.



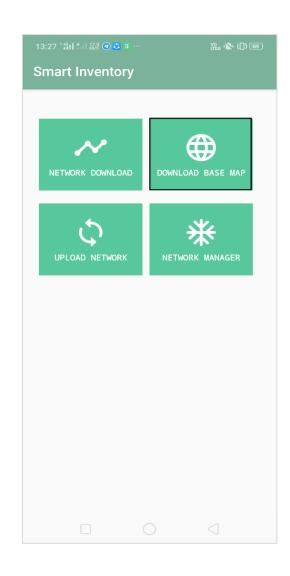
Lepton Solution

- Deployed NetworkAccess to capture fiber network on GIS based web and mobile platform.
- Customized NA to maintain and track different stages of network rollout (Survey, Planning, roll-out and O&M stage Fault locations).
- Integrated with third party systems(NMS,EMS, ERP & project management).
- Mobile application workflow for QA/QC
- Long term on-site operational support to keep track of the health of the network.



Benefits to the Client

- Mapping of their complete Network Inventory of OSP, ISP and logical along with construction specifications for cross verification of standards specifications. Linking the payment to PIA to nertwork in GIS>
- Meeting the SLA by identifying the faulty fiber quickly and accurately







What They Had To Say About Us

"Lepton's Network Inventory is one of the best tools that has helped us in planning and implementing our prestigious project, i.e., to create OFC infra highways. Lepton is supporting our requirements and assisting us to onboard the field crew with the tools necessary for efficient operations."

- Mr. Dharmendra Sharma, Director (Technical & Infrastructure) at GFGNL



https://youtu.be/xu0tLiL9uGg

Deployment Footprint



Deployed Globally

450 million **Subscribers**

Access Technologies GPON, IP/MPLS, Cellular, **Active Ethernet**

Million km
Fiber Shillion
Assets

More than 75% Market Share in Deployment in India



Outcomes

Reduction in Survey For Fiber Feasibility

30% Improvement

25%
Improvement in Inventory Utilization



reduction in time and effort for FTTX Network Planning

in Field Force Productivity

90%

Increase in Customer Satisfaction



Your Digital Journeys starts with Power of NetworkAccess



Our Products



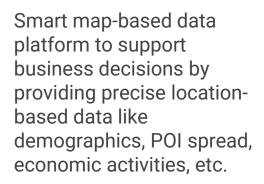
Smart Market



rFMap & 3DMap



Highly visual GIS based telecom network inventory and analytics platform for both wireless and wireline Location intelligence platform to make informed business decision for planning, expansion and operational optimization.



Highly accurate 2D, 2.5D and 3D maps for urban planning, wireless network planning, RF network planning and optimization



rfMAP



Maps for Network Planning & Optimization

Global Coverage

Maps available from 1m to 100m resolution including 3D maps

Mapped more than 150+ countries and 1500+ cities

Compatible with all planning tools

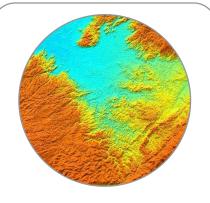
Recognized industry
leader, and
preferred vendor for
leading equipment
vendors

- Deep understanding of different geodata requirements for different wireless applications - 2G, 3G, LTE, 5G, satcom, Wi-Fi, Microwave, Wimax, etc.
- Large field force to create more accurate geodata
- Strong in-house R&D capabilities
- On global vendor list of major equipment suppliers

80% of wireless network have been planned or optimised on rfMap



Components of rfMAP©



DTM

Stereo imagery and topographic maps generated terrain database



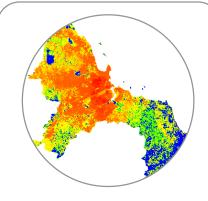
Clutter

High resolution satellite imagery updated clutter data classified into 12-25 classes



Road Vectors

Street level road & rail network created and updated from latest high resolution satellite imagery



Population Map

Highly accurate projected population dataset sourced from local Census Agency



3D Map Dataset

High resolution stereo imagery generated 3D Map dataset with 1m accuracy



Company Overview

More than 25 Years

Leader in Location
Intelligence & Analytics



Like FMCG, Retail, Automotive, Telecom, Banking, etc. More than 300

Product Specialist, Data Engineers, and Telecom GIS specialists



Highly Responsive



Dedicated Support Team



JAPACs Fastest Growing Company for Google Maps



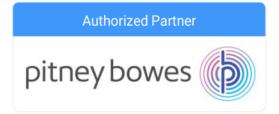
Best Location Intelligence Partner of the Year for Telecom Vertical in Asia

NASSCOM[®]

Top Five Product Companies at NASSCOM Product Conclave-North

Premier Partner





Authorized Partner



Strategic Partner







NetworkAccess Customers





























































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