Lepton Software

Global Leader in OFC GIS solution

GIS Solution need for 5G Network

More than 80% of the 5G Network and Smart City data has location element

Smart City & Network Planning with multiple locations need real time visual analysis of location data on map unlike conventional tabular or graphical view only

Advanced spatial analytics from tools like NetworkAccess is crucial to planning placement of 5G infrastructure

Demographic, Census, Building data, existing OFC inventory data elements have become quite relevant in City & Network Planning over GIS system
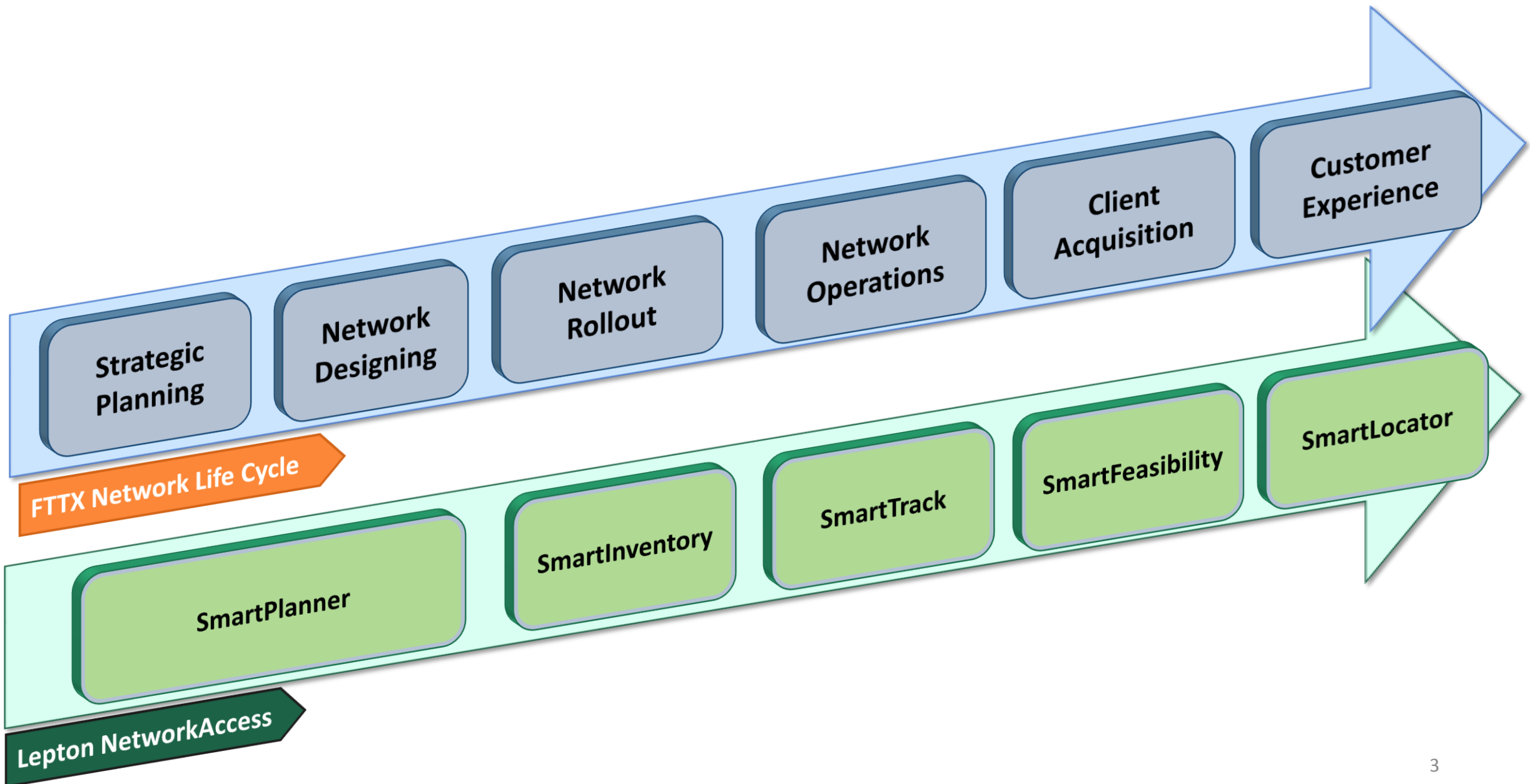
Simple

Fast

Scalable

Lepto help n

Build to Cash OFC Network GIS portfolio

Lepton

FTTX Network Life Cycle

- Strategic Planning
- Network Designing
- Network Rollout
- Network Operations
- Client Acquisition
- Customer Experience

Lepton NetworkAccess

- SmartPlanner
- SmartInventory
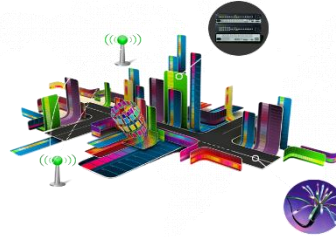- SmartTrack
- SmartFeasibility
- SmartLocator

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NetworkAccess Product Suite

SmartPlanner

Highly accurate automatic solution for detailed network planning and forecasting of 5G and fibre network

SmartInventory

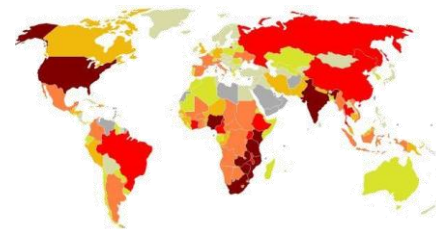Model and inventorize all physical assets(OSP and ISP) of telecom network and smart cities

SmartTrack

Asset tracking and management tool to monitor field force job status and assign new jobs on the fly based on region

SmartFeasibility

Technical and product wise feasibility for provisioning of telecom services

SmartLocator

Innovative Next Gen solution to view the network coverage information for wireless and IOT enabled devices

GIS Based Platform

Large telcos are
deploying Google Maps driven
NetworkAccess

web services API built on java and
.Net platform

Vibrant developer community around
Google Maps(Ver 1.3), MapServer (ver 4.0)
and PostgresSQL (Ver 9.2)

Fully web and Mobile based
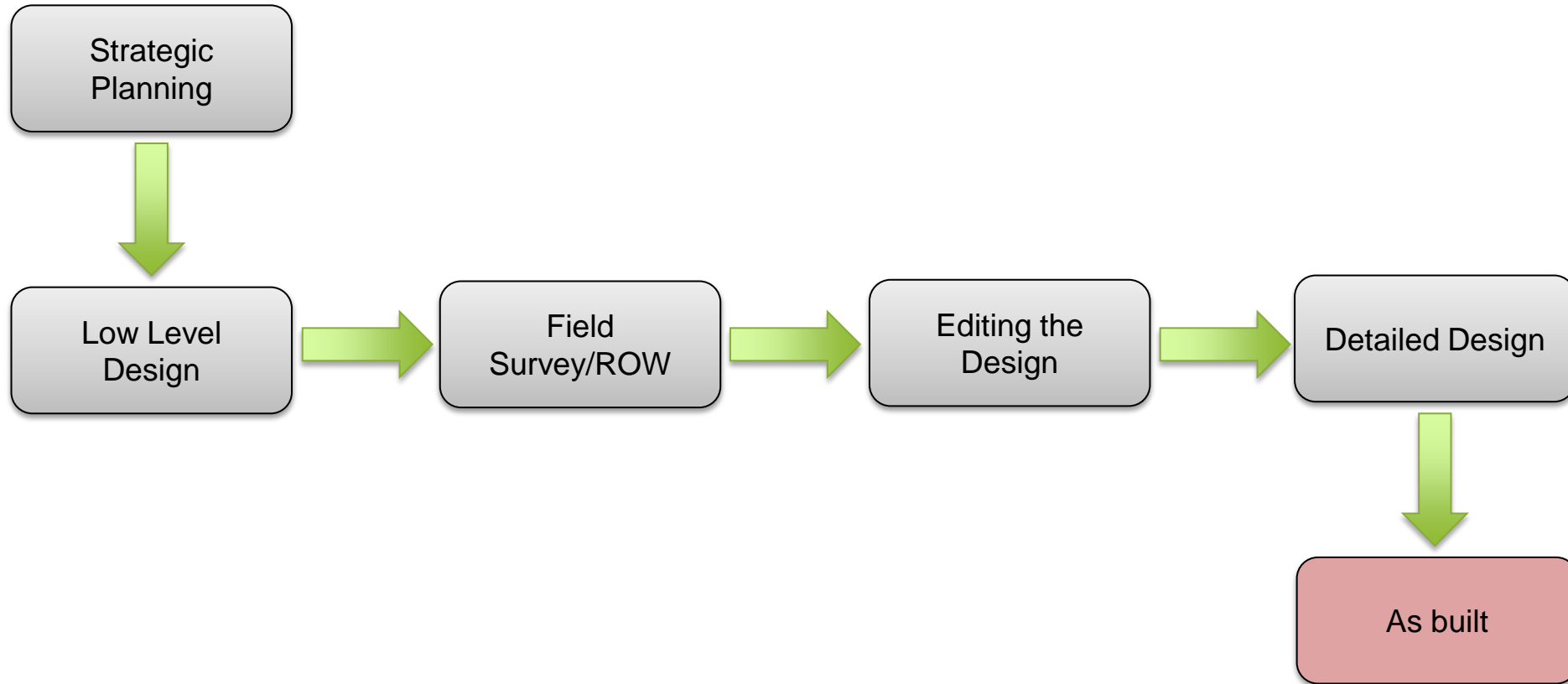
Scalable Architecture

Ready to use applications for Telcos

Lightwieght Architecture designed
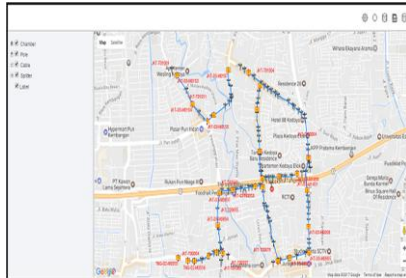exclusively for telco's and ISP

Multi Technology support
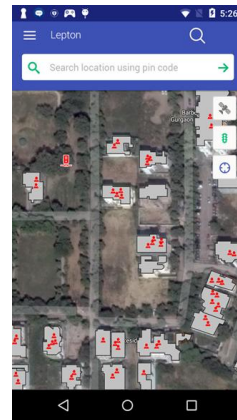
Fiber Network Planning Process

SmartPlanner : Design To Perfection

This application is useful during the entire lifecycle of Fiber Network planning starting from High level plan , field survey , fine tune design and finally to detail design
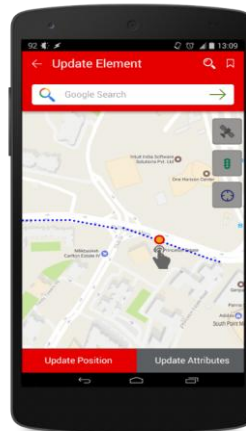
HIGH LEVEL PLAN

Automatically Define the route to maximize homepass as per business plan

FIELD DURVEY

Capture the route information through mobile device using image recognition technologies

FINE TUNE DESIGN

Capability to manually adjust design based on local information and restrictions

LOW LEVEL DESIGN

define your network Service Area boundary and fiber link budget calculations

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