



COSMO

infrasoftware

INNOVATION WITH EXCELLENCE

Partnering End to End Services with Telecom Industry

Cosmo Infrasoftware is a leader in providing integrated support from service to solutions to the telecom industry. It has been serving all leading telecom operators & telecom infrastructure companies for over two decades.

SUPPLY

Supply of Tower structure and Poles

- Self-Supported Towers up to 100 mtr. (Angular / Hybrid / Tubular).
- Bilby & Guyed Towers.
- Monopoles Slip Form / Flange Form up to 30mtr.
- Steel Tubes, Pipes & Hollow sections.
- Cable Tray, Mounts, GI Strips.
- Solar Module Mounting Structures.
- Fencing (Tower / Highway Fencing).
- Highway, Road, Street Lights Tubular Poles.
- Utility Poles, Smart city Poles.

Fabrication and Galvanizing Units

Cosmo has a consortium with a huge capacity of 66000 MT for Manufacturing and Galvanizing fabricated steel items with state-of-art manufacturing facilities & quality conforming to Indian & International standards.

- Towers of various designs & heights from 3m pole to 100m tower.
- Narrow base angular 4 legged towers for space optimization.



TELECOM DATA CENTERS

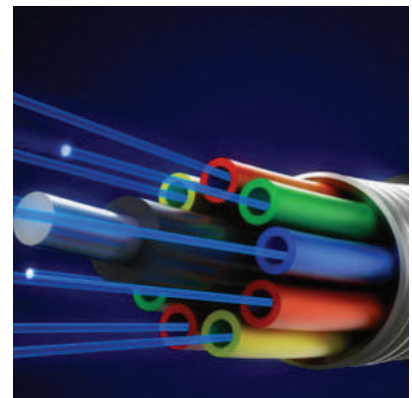
World-class carrier Infrastructure

Our carrier-neutral internet data centers have been designed using global standards. All mission-critical systems pertaining to daily operations have been sourced from best-of-breed platforms and vendors, and operate with minimum N+1 redundancy, which enables Cosmo to offer industry-leading uptime to Airtel. We have developed 50,000+ Square Feet Area for switch rooms.

OPTICAL FIBER

We offer various OFC solutions like:

- Horizontal Directional Drilling (HDD)
- Duct Integrity Test (DIT)
- Cable Blowing, Pulling
- Fusion Splicing / Fiber Termination
- Impact Moiling
- Aerial Cable Laying
- End to End Link Testing
- As-built Drawing (Auto-CAD / GIS / DGPS)



INFRA SERVICES

CIVIL & ELECTRICAL (PASSIVE INFRA)

COSMO has successfully executed Passive Infra work on over 70,000 sites. As Total Service Provider (TSP), we undertake & do complete execution of site including survey, civil & electrical jobs.

NETWORK IMPLEMENTATION SERVICES (ACTIVE INFRA)

Network Implementation & dismantling

- 2G / 3G / 4G nodes I&C, Upgrade and Swap
- SRAN Network Implementation/Swap
- RFI Survey, RF & LOS Survey.
- MW I&C, Swap & Upgradation.
- Android based quality closure e.g. EPMS, ISDP, 11A/11B, L1/L2, MS16-17 based on customer quality closure requirements.
- Active infra De-installation, Packaging and Transportation.

IBS, Small Cell & WiFi Implementation

We offer Indoor / Outdoor coverage solutions like:

- Distributed Antenna Systems (DAS) for indoor premises
- Small Cell Addition for outdoor locations with DBS System
- WiFi projects to implement AP based hotspot

Network planning & optimization

Cosmo offers RF activities including Drive Test, Walk test, SCFT/ CLOT Activity Report Analysis, and network optimization for existing/new GSM, CDMA & LTE / VoLTE network operators.

EMF Survey

We conduct EMF radiation measurement using Calculation Method, Broadband & Narrowband Testing.



PROJECT MANAGEMENT

Our experienced Project Management Teams work hand-in-hand with customers to manage project milestones and ensure delivery as per schedule and quality. Cosmo has successfully done Project Management of over 80,000 telecom sites.

SOLUTIONS

Energy Management Solution for telecom sites

We offer Remote Energy Monitoring Solutions (REMS) which is a smart metering and data acquisition system that facilitates 24/7 seamless operations with reduced operating costs.

REMS – USP :

- Tamper Proof
- Central Control: Multiple sites and towers can be monitored remotely from a single platform.
- Reduced operating costs: REMS provides real time updates on all passive elements at tower sites.



Integrated Surveillance & Safety Management Solutions

- Accurate and reliable vehicle tracking and automatic incident detection for highways and expressways.
- Providing safety on highways and generate e-Challan for violators on roads.
- Solution is effective in small cities and smart township.

It contains :

- Intelligent Traffic Management Systems (ITMS)
- Integrated Command and Control Center (ICCC)
- Electronic Enforcement Systems (EES)

- Implemented in many smart cities including the constituency of the hon'ble. PM of India - Varanasi



- Operating on PAN India Basis
- Leading Telecom Solutions provider in India
- Experties in providing Remote monitoring solutions (Smart Meter)
- Solution provider for Small cell, Energy, Data centre, Network implementation services
- Supply for Monopole Towers, Pole, Mounts, GI Strips, Cable Tray, Solar purlins
- Provides integrated works (Supply, Services & Solutions) for Telecom infrastructure & Operators
- Highly skilled professionals with Specialized teams
- Timely delivery with quality & Customer delight
- ISO 45001, ISO 14001, ISO 9001 certified



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