

Turnotech is a fast growing information and communication technology company. We focus on communication solutions, network deployment and management services, telecom-related energy solutions and communication related software development services. Our value proposition is attractive to customers since we provide turnkey services. Professional expertise, approach to the market and focus on operational excellence allows us to be a leading service provider.

Turnotech offers multiple services as a part of Network Planning domain. The services we provide ensure best possible and efficient network designs for our customers. Our experts can work as network planning managers, consultants or field engineers in multiple phases of network maturity.



Pre Plananing Services

Our consultants play their role in jump starting network design activity by liaisoning with multiple stakeholders and aligning network design guidelines with overall business plan.

Some of the important tasks are related to:

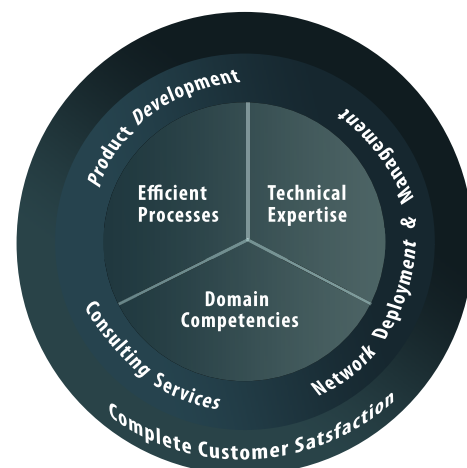
- ⦿ Business Strategy Analysis and goal setting
- ⦿ Design Criteria Establishment
- ⦿ Initial RAN Network Design
- ⦿ Roll out Strategy
- ⦿ Detailing Network Planning activities

Planning Services

Network Planning is the most critical phase in network deployment lifecycle. Network Planning Services comprise of technical analysis of network requirements and designing network features to allow best possible capacity-coverage-quality metrics.

We can provide following services:

- ⦿ Model Tuning
- ⦿ RF Site Survey
- ⦿ Preparing Nominal Cell Plan
- ⦿ Cell Planning
- ⦿ Frequency Planning
- ⦿ Cell Design Parameter Preparation
- ⦿ Cell Utilization
- ⦿ Site Integration Drive Test
- ⦿ Site Evaluation and Configuration Recommendation
- ⦿ KPI Analysis and Management according to Service Level Agreement
- ⦿ Problem Reolution and Verification Drive Test
- ⦿ Cluster Approval Drive Test
- ⦿ Network Redesign on cluster or city-wise basis
- ⦿ Traffic Analysis and Growth Projection
- ⦿ Network Coverage and Capacity Expansion Analysis
- ⦿ Expansion Planning of Existing Sites



Turnotech Operational Framework

Fact Box

Work Location	Middle-East, South-Asia
Focus	Turnkey & Independent Services GSM, CDMA, UMTS, WiMax
Tools	RF Planning (ATDI, CelPlan, ATOLL, IBWave, ASSET) RF Drive Testing (TEMS, NEMO, Couei, Dingli) Post Processing (Actix, Xceed, DIngli, Couei) Model Tuning Equipment RF Scanning Indoor and Autonomous Drive Testing

Specialized Services

Turnotech's out-of-box thinking extrapolates services to non-routine tasks as well. Over the years we have developed some unique expertise in service provision.

We can provide following specialized services:

- ⦿ We have an intensive Indoor solution plan, equipped with the state of the art indoor propagation models and techniques and indoor tools (dingli, walkster etc)we can provide customized indoor solutions for any possible environment
- ⦿ Wireless Backhaul Network Planning
- ⦿ Swap Planning
- ⦿ Network Planning Tool Support
- ⦿ Network Redesigning and Sitiesharing for Cost Rationalization
- ⦿ RF Software Development
- ⦿ Hardware Modernization, we provide cost effective solutions to enhance the performance of the existing network by simple add ons such as TMAs, BSAs, Repeaters

Steps to Success

