Content

Know us

GLOBAL GROUP

The Global Group is one of India's leading business groups, providing services to leading telecom operators and technology providers (OEMs).

Global Holding Corporation Pvt. Ltd. is the holding company of "Global Group" that has 6 operating companies, two of which are listed on Indian Stock Exchanges.

The Group has Operations across 36 countries, Revenues in excess of US $650 million (FY 09E) and Balance sheet size of over US $2 Billion. It employs more than 25,000 professionals of 22 nationalities and supports 18 social causes. For over 2 decades Global Group has been partnering with leading telecom operators and OEMs offering its expertise in wireless communications. From 2G Networks to 3G and 4G, from WiMax to IPTV, Global Group provides complete life-cycle solutions around Network Services. These services include Network Planning and Design, Network Deployment, Network Operations and Maintenance, Infrastructure Management, Energy Management and Professional Services.

The Global Group is currently setting up a pan India network of over 23,700 towers that can be shared among Telecom Operators. The towers, located in rural India will help bringing in connectivity at affordable prices to the poorest of poor and create a positive impact on the Indian economy. We at Global Group are driven by our vision to become the largest network services provider globally. By 2011, the group plans to engineer and manage 1,00,000 cell sites across 150 networks. These networks will connect more than 100 million subscribers in 50 countries across the world.

Global Group Enterprises

- **GTL Limited (GTL) -** GTL, the leading Network Services Company, offers services and solutions to address the entire Network Life-cycle requirements of Telecom Operators and OEMs which include Network Planning and Design, Network Deployment, Network Operations and Maintenance, Infrastructure Management, Energy Management and Professional Services.

- **GTL Infrastructure Limited -** GTL Infrastructure Limited is one of India's largest third party Shared Passive Telecom Infrastructure provider that owns, operates and maintains passive network infrastructure on a shared basis for telecom operators.

- **Global Towers Limited -** Global Towers Ltd. is one of the leading names in the manufacturing & fabrication of steel towers for the telecom and power transmission industries. The customer base consists of all the leading service providers and OEMs. The Company has manufacturing plants at Hyderabad and Pune.

- **Global Innovsource Pvt. Ltd. -** Global Innov delivers a one-stop solution for all HR needs. The Company offers a wide spectrum of HR services including Executive Staffing, Search & Recruitment, HR Outsourcing, Consultancy, Soft-skills and Behaviourial Training.

- **Global Projects -** Global Projects & Aviation Pvt. Ltd is the Global Group's procurement and project management services arm. The company aggregates the demand across the group and offers value addition in managing the cost structure of the projects executed.

- **Global ProServ -** Global ProServ is a service provider in process management (Knowledge Services, Business Processes and Application Management) across North America, Europe & India. It focuses on providing knowledge based and value added back office services to four verticals - Banking & Financial Services, Telecom, Legal & Insurance and Healthcare & Life Sciences.

Company		Business
GTL Limited	-	Network Services
GTL Infrastructure	-	Shared Passive Telecom Infrastructure
Global Towers	-	Telecom & Transmission Tower Manufacturing
Global Innovsource	-	HR Services
Global Projects	-	Projects
Global ProServ	-	Process Management

Milestones

2008 • GTL becomes No. 1 Telecom Turnkey Company of the year in V&D 100 Survey
• GTL forms Strategic Alliance with Ericsson UK for Managed Infrastructure Network Services
• GTL forms Strategic Alliance with Vanu Inc to Conduct Shared Active Infrastructure Field Trials in India
• GTL wins Outstanding Contributor to Corporate Responsibility Award from Nokia- Siemens
• GTL wins Greentech Environment Excellence Award 2008 in Infrastructure Sector for Outstanding Achievement in Environment Management

2007 • GTL International acquires SCS, a leading Network Deployment player in USA.
• GTL International acquires ADA Cellworks, a leading Network Planning and Optimization company in Asia Pacific.
• GTL's Enterprise Networks and Managed Services Business sold to Orange Business Services, a business communication arm of France Telecom

2006 • Acquisition of UK - based Genesis Consultancy, a leading 3G service provider in UK
• Listing of GTL Infrastructure Limited, a spin off from GTL as part of the restructuring process

2004 • GTL Infrastructure Limited was set-up to provide infrastructure for Telecom Operators
• Asset base of US$ 300 mn - 500 mn planned

2002 • Set up of a 500 seat call centre over 50,000 sq. ft. with disaster recovery at Pune, India

2001 • Set up of a 1000 seat call centre over 1,20,000 sq. ft. in Navi Mumbai, India

2000 • Divested stake in group company Global Electronic Commerce Services at an enterprise value of US $1bn

1999 • Set up an Oracle Competence Centre

1997 • Started a state-of-the-art CRM / BPO company in a JV with Broad Systems, UK

1996 • First Indian Telecom company to issue FCCB in Swiss financial market with issue size 60 mn CHF

1993 • GTL set up a group company, Global Electronic Commerce Services Ltd. (GECS) to provide Value Added Services

1992 • GTL went public with an Initial Public Offer (IPO) issue of Rs. 1.80 crores which was oversubscribed by 53.17 times

1991 • First major international tie-up with Murata, Japan

1989 • Set-up Subscriber end Terminal business

1987 • Global Tele-Systems Pvt. Ltd. was incorporated

BUSINESS TRANSFORMATION
Starting from a company that used to sell telecom equipment, to becoming a giant in Network Service, with a global presence, today. GTL has gradually grown into India's largest Network Services provider to the world.
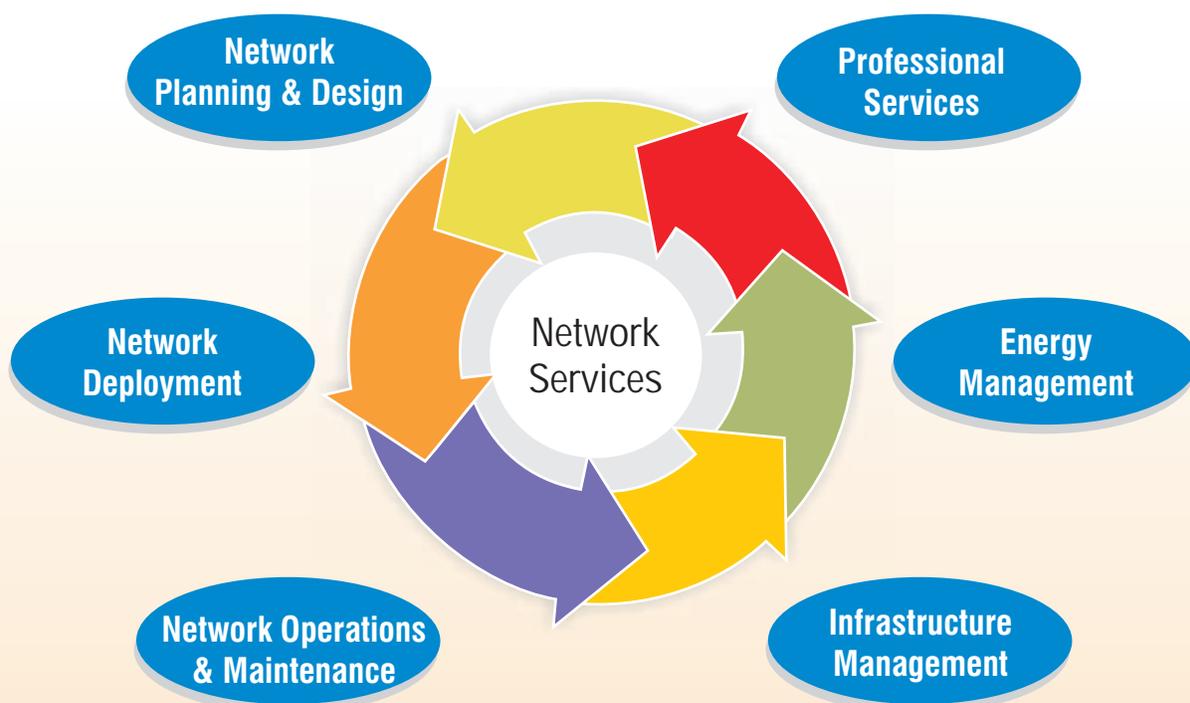
GTL Limited

About Us

GTL Limited, a Global Group Enterprise, is a leading Network Services company, offering services and solutions to address the Network life-cycle requirements of Telecom Carriers and Technology Providers (OEMs).

GTL's consolidated revenues for FY 2007-08 ending March 31, 2008 stood at Rs 1771.34 Crores (USD 443 million). Today GTL executes projects in over 36 countries, has built over 45 cellular networks, installed and commissioned over 36000 cell sites, connecting over 36 million subscribers. For more than a decade, leading telecom carriers, equipment manufacturers and service providers have trusted GTL's talented and trained engineering professionals to design, deploy, optimise, manage and secure their Networks and Applications. The trained and skilled manpower of over 5000 associates offer assured quality services to customers.

Our Value Chain

GTL's Network life-cycle Services are designed to address every stage of the telecom carriers network, from network Planning and Design to Deployment, Operations and Maintenance, to Enhancement and Evolution. Thus, customers can focus on their core business activities, bringing in new service offerings to market faster. The service portfolio helps customers make the most of their investments, as they grow their business and strive to deliver the highest quality user experience.

GTL's Value Chain

- Network Planning & Design
- Professional Services
- Network Deployment
- Network Services
- Energy Management
- Network Operations & Maintenance
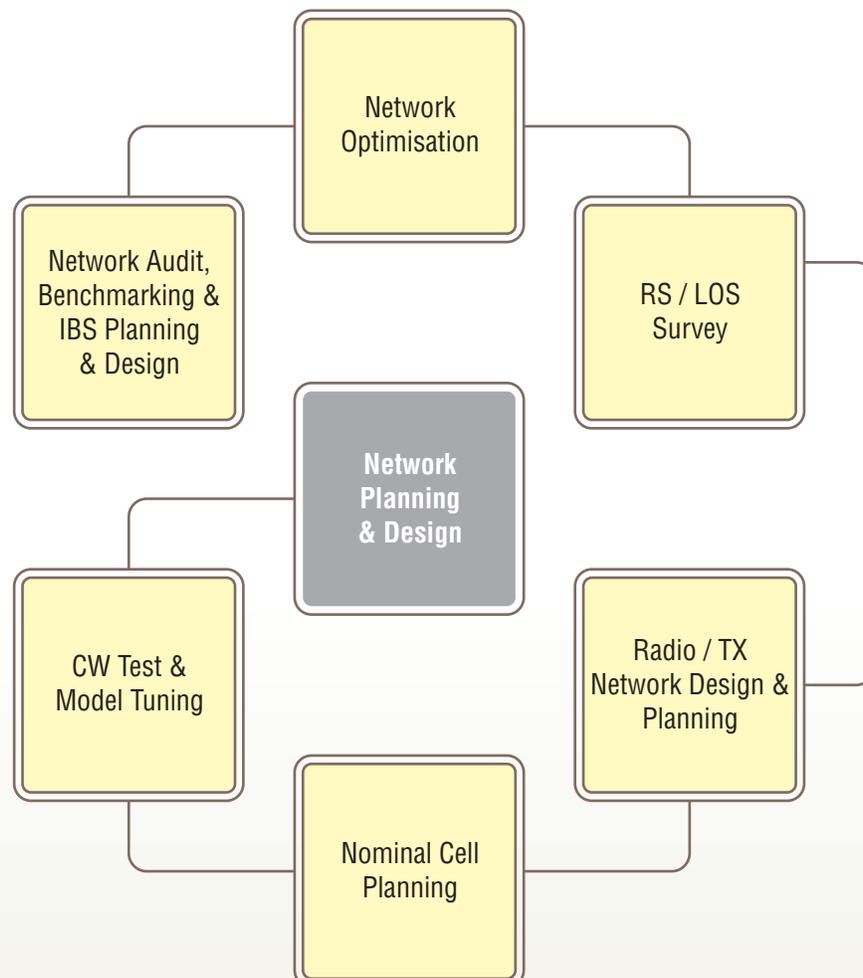- Infrastructure Management

GTL's Service Offerings

Network Planning and Design

GTL provides Network Planning & Design Services to its customers, right from Radio Frequency (RF) & Transmission Engineering to Fixed and Core Network Engineering Design in the Wireline and Wireless domain - UMTS, GSM, CDMA, Microwave Transmission, WiMAX and Broadband Networks.

The planning and design process assesses alternative options of Network Technologies, Network Migration, Expansion Considerations and incorporates them into the planning document. Network Planning & Design Services deliver value by designing the most economical network with the highest Quality of Service to support current and future service, technology and capacity requirements. To satisfy the discerning requirements of global customers, GTL engineers use technology expertise, sophisticated algorithms, world-class tools and disciplined design processes to provide the total end-to-end, multi-vendor design solutions that not only fulfill but even exceed customer expectations.

Network Optimisation

Network Audit, Benchmarking & IBS Planning & Design

RS / LOS Survey

Network Planning & Design

CW Test & Model Tuning

Radio / TX Network Design & Planning

Nominal Cell Planning

Service Offerings:

CW Test and Model Tuning

- Model Tuning, one of the important modules of Radio Network Planning & Design, simulates the propagation of the RF signal on the air in order to obtain accurate radio coverage and interference predictions in the service area.

- In the Model Tuning activity, RF measurements are performed in the different areas of the planned network. Collected data is used to tune the propagation model parameters in planning and stimulation tools.

Network Planning and Design

Nominal Cell Planning

- Using the information specifying the coverage and capacity requirements for voice and data services of the radio network being planned creates the Nominal Cell Plan. Planning tools (viz. Planet EV, ASSET3G etc) help perform Nominal Cell Planning activities using the propagation loss model as generated by model tuning and other relevant marketing inputs.

Radio Network Design & Planning

- Detailed design and planning is carried out to deliver parameter planning, frequency planning, traffic planning, neighbour planning and creation of data build. A unique on site off site model offers economies of scale and faster ramp up for our valued customers through our virtual planning and optimization centre.

- Swap Planning is the mapping of the existing network RF parameter with promoting vendor parameter to achieve an equal or better KPI.

Transmission Network Design & Planning

- Planning of backbone and access network PDH, SDH, DWDM, ATM etc.. Link budgeting, interference analysis, creation of connectivity matrix, detailed microwave planning.

RF / LOS Survey

- An RF survey is conducted to finalise the feasible sites based on Nominal Cell Plan data. This activity commences as the completion phase of pre-planning nears. An LOS (Line of Sight) survey is conducted on the final survey site to verify the M/W connectivity to the planned site.

Network Optimisation

- **Verification Drive Test**

  With a site on air, it is necessary to check the performance of the new site. This is done through verification drive tests. The sites are checked for validating integration parameters and ascertaining call performance: call termination, call origination, handover, power control RX Quality and RX Level etc.

- **Parametric Optimisation**

  Once a radio network is operational, its performance is monitored. The performance is compared against chosen key performance indicators (KPIs). After fine-tuning radio parameters, the results are applied to the network to achieve the desired performance. The main focus of radio network optimisation is on areas such as power control, quality, handovers, subscriber traffic, and resource availability (and access) measurements .

- **Periodic Monitoring & Optimisation of the Live Network throughout the Network life-cycle**

  Regular monitoring of the network health (new rollout and expansion) by doing drive tests and KPI maintenance.

Network Audit, Benchmarking & IBS Planning and Design

- **Site Audit**

  Site Audit is a process that identifies discrepancies between the design and implemented network.

- **Benchmarking Services**

  Benchmarking Services is a comprehensive comparative analysis that provides details on in-market analysis and network review. The service evaluates performance against competition and measures network performance using a Drive Test to examine coverage and call quality. Tests are conducted for call availability, call quality, call set up success rate and handover success rate.

Network Planning and Design

- **IBS**

   An indoor system can be built for different reasons. If the coverage is poor from cells outside the building, leading to bad quality, one solution can be to build an indoor system. The aim with indoor cell planning is, as for traditional cell planning, to plan for good coverage and capacity and at the same time interfere as little as possible.

⮞ **Virtual Planning and Optimisation Centre**

A unique concept of a combination of onsite and offsite model to carry out Network planning and optimization for wireless networks. It provides benefits like low fixed costs irrespective of location of project, fast delivery cycle and quick deployment of project, cost effective and flexible service packages to meet unique customer needs.

GTL's Value Proposition

- Network growth planning tools for modeling, designing and optimising communications networks
- **Wireline:** Route & facility access management planning using sophisticated communications data products, intelligent routing and spatial query buffering
- **Wireless:** RF propagation and network planning, cell site selection, frequency analysis, signal analysis and drive / test analysis

How will it benefit you?

- Free-up resources and reduce cost of in-house expertise
- Secured Quality of Network aligned to Business Objectives
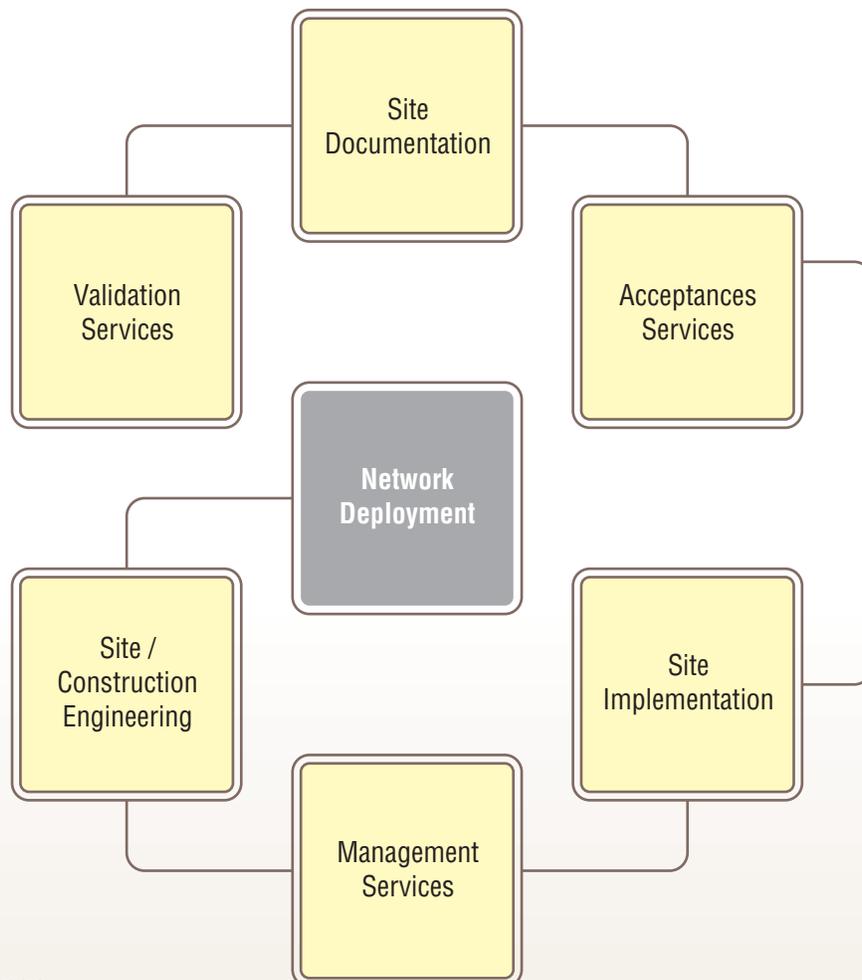- Accelerated time to market

Network Deployment

GTL offers a comprehensive suite of Network Deployment services that supports every phase of the Deployment process. The offerings include Active as well as Passive Infrastructure Services for Wireline & Wireless Domain including GSM, CDMA, Microwave Transmission, Optical Transmission, WiMAX and Broadband Networks.

GTL's Network Deployment services enable customers to roll out their networks efficiently and benefit customers with a shorter time to market, thus improving productivity and maximising their investments into technology.

With experience from several projects around the world, GTL has a proven track record of timely and successful deployments to customer satisfaction. Our multi-skilled technicians and professionals combined with our available processes and techniques create turnkey solutions by managing, integrating, installing and testing the customers multi-vendor network.

- Site Documentation
- Acceptances Services
- Network Deployment
- Validation Services
- Site Implementation
- Site / Construction Engineering
- Management Services

Service Offerings

Site / Construction Engineering

- Site Survey
- Electrical Utility Design
- Reinforcement Solution
- Civil Works Design
- Soil Investigation
- Site Acquisition Services
- Structural Analysis
- Network Design
- Foundation Designs

Network Deployment

◧ Management Service

- Project Management
- Permits & Clearance
- Logistics Management
- Third Party / Customer Supplied Material Management
- Warehousing Management
- Third Party Team Management
- Supply Chain Management

◧ Site Implementation

- Civil Works
- Telecom IRM Kit Supply
- Mechanical Works
- Telecom Works BTS & MW Level
- Electrical Works
- Telecom Works at BSC & MSC Level
- Infra Equipment Supplies
- Telecom Works for WIMAX & Wi-Fi
- Infra Equipment I&C

◧ Acceptances Services

- Telecom AT Services
- Factory Acceptance Services
- Infra AT Services
- Third Party Dispatch Audit

◧ Site Documentation

- Site Plan
- Material Consumption Report
- To Build Document
- AT Documents
- As Built Document
- Site Handover Documents

◧ Validation Services

- Tower Audits
- Air conditioning Audits
- Energy Efficiency Audits
- Foundation Audits
- Refurbishment Services Post Audits
- Third Party Quality Audits

GTL's Value Proposition

- Accelerated network deployment solutions for multiple sites
- Shortened cycle times by leveraging skills, experience, technology and proven tools
- A single point of contact for virtually all aspects of your network deployment solutions
- Minimises risks for end user, partners and OEM
- End-to-end solution verification

How will it benefit you?

- Quality Results - GTL engineers are experts with extensive experience of node and site engineering and follow procedures that have been proven to yield quality activities and deliverables.

- Faster Time to Market - GTL's network deployment services get clients to market fast. By applying our global expertise and leveraging local resources, GTL ensures our customers a successful, high quality, and cost efficient system launch.

- Low Total Cost of Ownership - GTL offers to manage the entire network deployment. This alleviates the time consuming tasks of installing new equipment, finding qualified personnel and of building up in-house competencies.
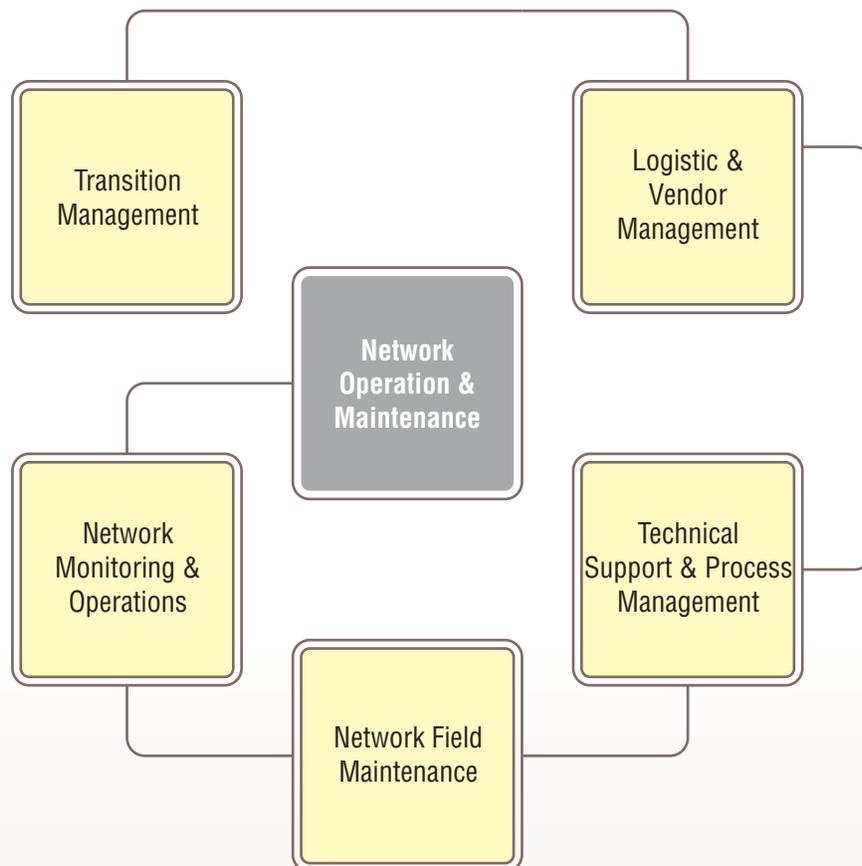
Network Operations & Maintenance

GTL's Network Operations and Maintenance service portfolio enables Network Operators/OEM's to focus on the core of their business in marketing, brand building and value creation while ensuring effective network Operations and Maintenance activities thus yielding significant reduction in Operational Expenses (OPEX).

GTL's expert Engineers and field personnel undertake operations and maintenance of all network processes and elements for a wide range of technologies.

GTL's extensive experience on multi technology products across geographies, system & process based maintenance and right shoring of operations provides the operator with required comfort to partner with GTL for managing its business critical task of operations & maintenance.

Transition Management

Logistic & Vendor Management

Network Operation & Maintenance

Network Monitoring & Operations

Technical Support & Process Management

Network Field Maintenance

Service offerings:

➤ **Network Monitoring & Operations**

- Fault Management & Trouble shooting Management
- Upgrade/Capacity Management
- Configuration Management
- KPI Measurement
- Backup management & Recovery support
- Database Management

Network
Operations & Maintenance

- Remote Infrastructure Alarm monitoring and resolution
- Onsite and remote Infrastructure monitoring

Network Field Maintenance

- **Preventive & Corrective Maintenance of**
  - Core Network Elements (MSC,BSC,BTS) Transmission Systems
  - Electrical Equipments & other Facilities
- **Field Support Services like**
  - Spare Part Management
  - Add move change Services
  - EB Payment Management
  - Security Services
  - Documentation Support
  - Rental Management
  - Diesel Filling Management

Technical Support And Process Management

- Technical Help Desk
- Type Approval Testing
- Acceptance Testing
- Benchmarking & Process Management activities

Logistics & Vendor Management

- Spares Rotopool Management
- Repair & Return coordination
- Spares Management
- 3rd party Vendor Management

Transition Management

- SWAP Management
- Transmission Network Audit for Network Backbone & Access level of Fiber/HDSL/ADSL/SAT COM/Microwave links

GTL's Value Proposition

- Streamlined operational processes and documentation, on-the-job staff training
- Multi OEM and Multi Operator skill set
- Knowledge of standards and OEM products leading to a path towards a vision of integrated operations
- Systems and Procedures for Transition / Migration of existing processes to GTL

How will it benefit you?

- Lower operating costs due to reduced internal engineering efforts by Network Operators on the availability issue
- SLA based services
- Fixed support costs for easier budgeting

Single Point of Contact for all Network Issues

- 24 x 7 basis
- In-country engineering expertise
- Understanding of local network issues
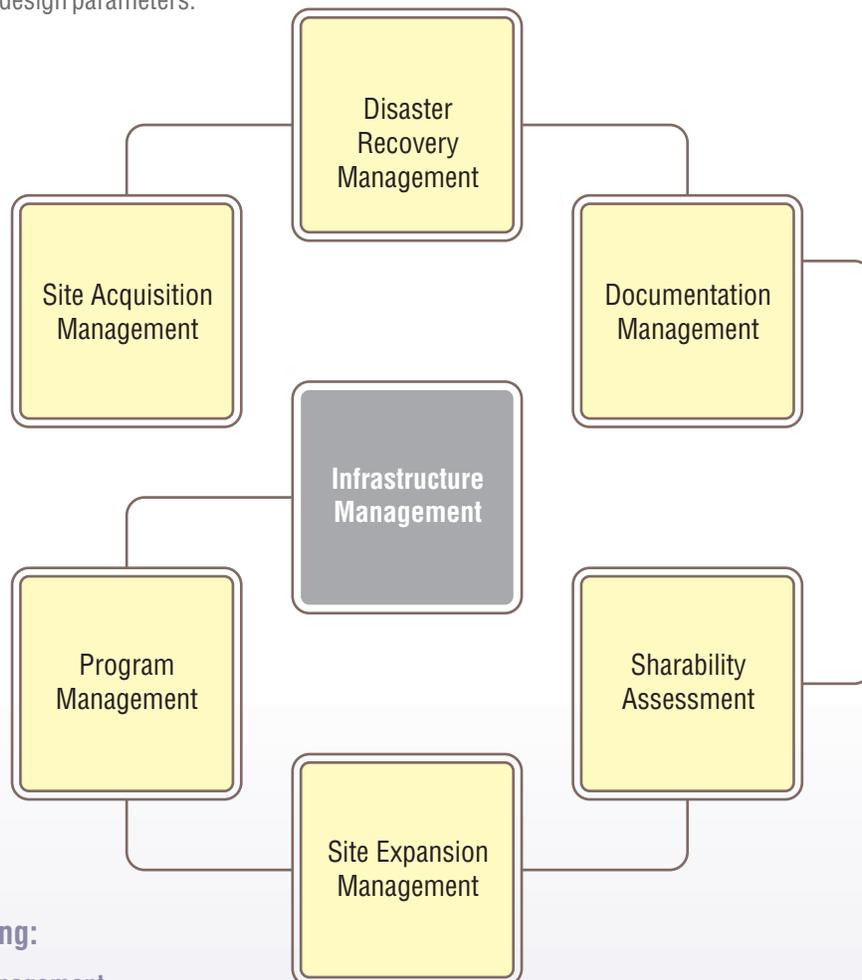- Local language support

Infrastructure Management

GTL's Infrastructure Management Services allows the Network Operator/OEM's to make optimal use of its assets by the way of critical and periodic evaluation of performance of various assets vis-à-vis their desired outcomes.

GTL has been involved in Design, Planning, Engineering, Implementation and Maintenance of almost all elements of Telecom Networks. The Network services have been provided for various levels of network Maturity i.e Green field Rollouts, Network Expansions or SWAPs. This has enhanced GTL's understanding of network requirements in the infrastructure space.

The Infrastructure Management Services allows better utilisation of capacities available by use of incremental reinforcement in design parameters.

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                    │   Disaster   │
                    │   Recovery   │
                    │  Management  │
                    └──────────────┘
   ┌──────────────┐                  ┌──────────────┐
   │     Site     │                  │Documentation │
   │  Acquisition │                  │  Management  │
   │  Management  │                  └──────────────┘
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                    │Site Expansion│
                    │  Management  │
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Service offering:

➤ **Program Management**

Program Management provides solutions through experienced & competent project management professionals on Primavera. (Planning ,Execution, Control activities and Key reports generation within a program)

➤ **Site Expansion Management**

Site Expansion Management ensures technically correct & complete Expansion of site using modern program management techniques.GTL has successfully executes site expansion of more than 1000 sites.

(Indoor/Outdoor Equipments Augmentation, Tower Strengthening Services, Foundation Reinforcement Services, Refurbishment services)

Infrastructure Management

Sharability Assessment

Sharability Assessment evaluates potentially sharable sites over a series if audits thus reducing the operators time to market.

(Power utilization Audits, Site Infrastructure ,telecom infrastructure audits and other preliminary assessment services like design evaluation, reporting & recommendations)

Documentation Management

Documentation Management manages documents through e-documentation through the entire life cycle of the network.

(Database hosting, document creation & version control)

Disaster Recovery Management

Disaster Management ensures smooth recovery of the customers network in the face of a disaster.

(Back up, Backhaul, Server management, Management of site location and the disaster site location)

Site Acquisition Management

Site Acquisition Management stream lines the acquisition process to facilitate faster network roll out through maintaining database of sites qualified for acquisition.

(Acquisition Process Management, Structural/Geo-technical Assessment, Site Mapping services)

NOC SERVICES

Hosted NOC of GTL, with state of art multi-technology and multi-vendor mode OSS, would offer it's services to network operators . GTL NOC & GTL NIOSC Are fully owned and manged by GTL LIMITED.

Service Offerings:

- NOC Infrastructure
- Second Line Technical Suppor
- Performance Management & Configuration Management
- Fault Management & Security Management
- Network Monitoring & Help Desk Services
- Service Provisioning (Non End-User)
- Release Management & Capacity management
- Service Quality Management

GTL's Value Proposition

- One -stop setup for infrastructure needs
- Resources with multi-geographical experiences
- Domain knowledge experience

How will it benefit you?

- Optimise & manage OPEX and CAPEX while boosting efficiency
- Predictable network and operations performance
- Flexibility to focus on revenue-generating activities
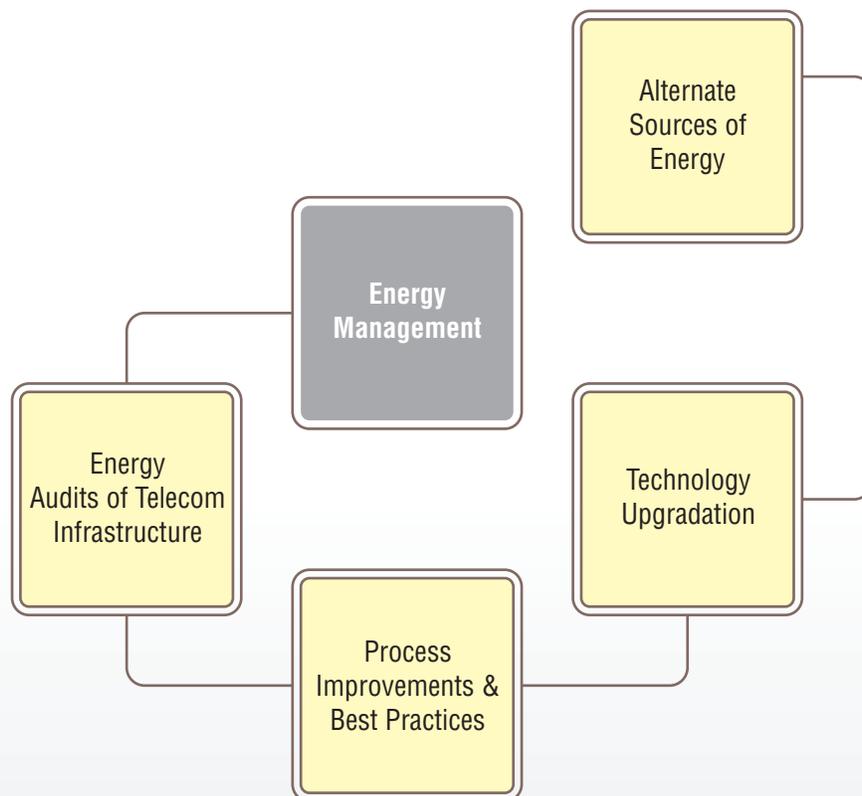
Energy Management

Environmental issues have gained importance as companies world over are looking at sustainable development. The telecom space is no exception. World over the mobile operators are attempting to reduce their energy expenses and tower companies are trying to improve the energy-efficiency of their cell sites. Efforts are being initiated to reduce the consumption of energy and also the per unit cost.

The present situation where the operators are battling against rising energy bills has prompted Energy Management to be taken up as an important initiative at GTL. It has ventured into the business of Energy Management & Energy Infrastructure Provisioning for Telecom Operators/Tower companies through the Energy Management offering.

GTL's energy management offering will strive to drive a revolution in the field of Telecom infrastructure management by providing tailor made solutions to telecom operators for optimizing their energy usage.

Take advantage of our energy management services package to reduce your energy costs without capital-intensive investment.

Alternate Sources of Energy

Energy Management

Energy Audits of Telecom Infrastructure

Technology Upgradation

Process Improvements & Best Practices

Service Offerings:

➤ **Energy Audits of Telecom Infrastructure:**
- Benchmarking the consumption pattern
- Auditing the performance of the power supply / DG sets etc. at the sites
- Generating energy efficiency reports
- Generating energy supplies quality analysis
- Studying demand and supply side management applicability

Energy
Management

⯈ Process Improvements & Best Practices:

- Monitoring / supervising / controlling the existing diesel filing practices
- Tracking the records of fuel / diesel consumption at site, and calculating the fuel efficiency of the DG sets as a derivable parameter.
- Using innovative systems & procedures is to achieve energy savings without affecting service quality i.e. SLAs Customer has with their tenants.
- Proper and timely maintenance and support services to improve energy efficiency
- Close monitoring of AMCs

⯈ Technology Upgradation:

- Providing and maintaining the Energy Saving equipments
- Installing new energy efficient equipments
- Upgrading of existing energy equipments
- Remote monitoring of telecom sites for better control over energy spending and O&M from a central NOC

⯈ Alternate Sources of Energy:

- Providing Off grid sites with renewable power to get rid of diesel dependency wherever possible
- Ensuring that the telecom site will keep operating even if utility power is disrupted by reductions in supplies or national emergencies
- Solar, wind, hybrid systems for remote locations

GTL's Value Proposition

- Service Expansion - Automate all monitoring, analysis, reporting, alarm, and control functions to serve a large, diverse customer base and outdistance the competition.
- Accelerated energy management solutions for multiple sites
- Shortened cycle time by leveraging skills, experience, technology and proven tools
- Single point of contact for virtually all aspects of your energy management prerequisite
- End-to-end verification of passive infrastructure

How will it benefit you?

- Reliable, distributed power supplies and fuel diversification, which enhance energy security for telecom sites in remote locations.
- Better forecast of the price in an uncertain energy economy .Lower risk of fuel spills in environmentally sensitive, remote locations ,Less need for imported fuels ,Lower utility bills
- Quality Results - GTL engineers are experts with extensive experience of passive infrastructure and energy management at telecom sites and follow procedures that have been proven to yield quality activities and deliverables.
- Faster Time to Market - GTL's energy management services get clients to market faster. By applying our expertise and leveraging local resources, GTL ensures our customers a successful, high quality, and cost efficient disruptive energy system.
- Low Total Cost of Ownership - GTL offers to manage the entire passive infrastructure. This alleviates the time consuming tasks of regular monitoring of energy consuming equipments finding qualified personnel and of building up in-house competencies.
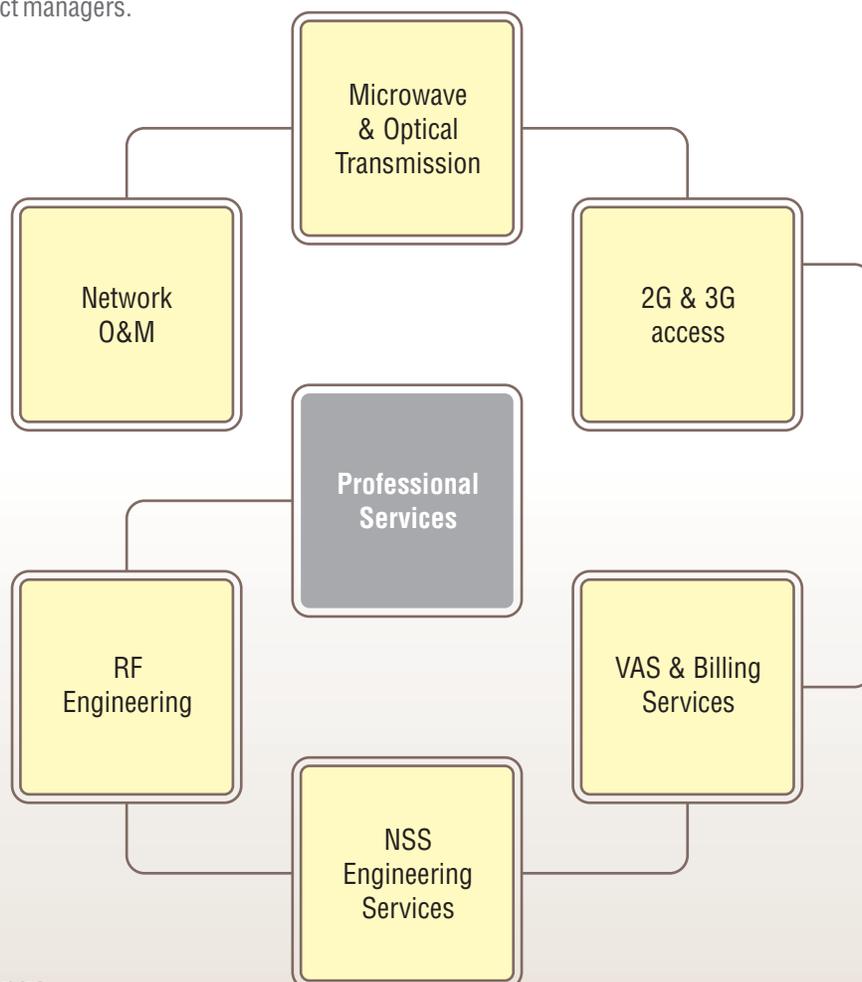
Professional Services

'GTLites' as our engineers are called, are a team of dedicated professionals whose end-to-end network roll out & management expertise is matched by a personal commitment to meeting our customers' needs and goals. With expertise in every segment of the entire network life cycle, we engage with our customers and are partners in their endeavors.

GTL's Professional Services Group has on board, a pool of skilled resources from the various technologies and OEM platforms in the telecom domain. The services of these skilled resources are offered to the service providers as well as to OEMs' on a monthly basis to meet their long-term requirement of skilled resources as well as to meet any peak load resource requirements. Skilled resources of GTL's Professional Services group are rendering valuable services in Fixed as well as Wireless Communication Networks.

GTL provides professional services on various OEMs an technology platforms such as Ericsson, Nortel, Alcatel-Lucent, Nokia-Siemens, Motorola, etc across the network life cycle. GTL also provides System Engineers to manage all aspects related to Network planning and design, rollout & operations and maintenance. Working closely with the customer's project management teams and the vendors, we ensure final delivery of the services through close co-ordination with the customer's project managers.

Microwave & Optical Transmission

Network O&M

2G & 3G access

Professional Services

RF Engineering

VAS & Billing Services

NSS Engineering Services

Service Offerings

RF Engineering

- CW Test and Model Tuning
- Radio Network Design & Planning
- Nominal Cell Plan
- Traffic Engineering
- RF Survey
- IBS Planning & Design

Professional Services

NSS Engineering Services

- Implementation of MSC, HLR, VLR, IN, Packet Switch & Media Gateway
- O&M support for the NSS elements

VAS & Billing Services

- Implementation of Billing & Mediation Servers
- Implementation of Voice & Data applications namely SMS, VMS, MMS, GPRS, WAP, EIR, WMS, Missed Call Alert, LIS, IVR, etc.

2G & 3G access

- Technology expertise for Commissioning, Integration, Migration and Upgrades on both 2G and 3G networks
- Remote Integration Support
- 24 x 7 Network Resolution Centre
- Consultancy Services

Microwave & Optical Transmission Networks

- Initial TRS Topology, Traffic Capacity DCN & Synchronisation Planning
- Physical Layer Planning
- LOS / TSS / RFI and Route Survey
- System Budget and Path Loss Analysis
- MW Frequency Snalysis and Regulatory Support
- Inventory and Infrastructure Planning
- Existing Transport Infrastructure Audit & Analysis
- Network Performance, Availability, Redundancy and Protection Scheme

- Pre Implementation Planning and Material Management
- Project Planning and Management
- Installation, Services Integration and Commissioning
- Customer Testing and Trial Run
- Documentation
- Upgrade Service Implementation and Optimisation
- Technical Help Desk Services

Network Operations & Maintenance

- Onsite / Remote Tech Support
- Preventive, Corrective and Planned Maintenance for Active Components, namely Switch, BSC, BTS, SDH, DWDM, Microwave Radios, etc.

GTL's Value Proposition

- One stop location for multi skilled, multi vendor experience resources
- Reliable & cost effective proposition to meet short term & long term resource requirements
- Resources with multi geographical experiences
- Distributed pool of resources

How will it benefit you?

- Access to a pool of highly trained and experienced professionals well versed a in wide range of technologies
- Operational cost optimisation

MOTOROLA

RELIANCE
Communications
Anil Dhirubhai Ambani Group

Clients Snapshots &
Recent Awards

Client Snapshots & Testimonials

CLIENT SNAPSHOT

- Partial client list
- The logos used here are the trademarks of the respective companies and are used here for representation purpose only

CLIENT TESTIMONIALS

ALCATEL- LUCENT

"Alcatel-Lucent is pleased to acknowledge the services of IGTL Solution (Lanka) for exhibiting technical expertise and capability to plan, deploy and manage implementation aspects, timely delivery, maintain globally accepted practices and ensuring appropriate quality standards for our project."

BSNL

"We deeply appreciate the GTL O&M UP (E) team for good performance made towards fault rectification and Operation & Maintenance of our Gorakhpur SSA UP(E)

DIALOG TELECOM

"Dialog Telecom appreciates the professionalism and dedication shown by the entire team of GTL for achieving the technical goals in the conducting activity."

ERICSSON

"We appreciate GTL Limited (Bangladesh) for their continued co-operation and support in delivering sites inspite of project urgencies."

HUAWEI

"We would like to state that IGTL Lanka has tremendous potential and excels in overall project management and delivery mechanism."

Hutch

Hutchison appreciates IGTL Lanka's professionalism in ensuring to obtain the desired objectives and for its ability and capacity to deliver satisfactory services and maintaining the desired quality standard .

IDEA

"GTL's team has proved its efficiency by providing an excellent support for achieving monthly milestone of 200 sites in the month of Oct '07 against the nature's challenges, such as rain, unfavourable terrain & long distance."

LANKA BELL

"We at Lanka Bell are pleased to announce that IGTL has lived up to our expectations and supported us in achieving desired objectives of the organization by ensuring timely delivery, quality commitment and effective project management."

Mena Telecom

"We wish to place on record our appreciation for the concerted , relentless and focused effort put together by GTL AT team for successfully completion of review and acceptance testing (AT) of the integrated WiMAX ,class 4 and class 5 network to the satisfaction "

MOTOROLA

"We appreciate positive attitude, support and co-ordination of GTL team deployed on the project resulting to quality deliverable well within stipulated time frame."

NOKIA SIEMENS NETWORKS

"We would like to congratulate and appreciate IGTL Solution (Thailand) for successful implementation of SRC DTAC project and for flexible attitude towards timely completion of work, high concern for customer satisfaction and providing reliable services."

SAUDI TELECOM

"We appreciate IGTL's flexible attitude towards timely completion of work, high concern for customer satisfaction and providing reliable services."

Tata Communication (Formerly VSNL)

"We sincerely appreciate GTL's commitment and professionalism in successfully executing the projects and abiding by defined SLAs."

VODAFONE

"We are highly impressed with GTL's professional management, customer focus, team work, structured methodology, sincere efforts and flexible attitude at work. We believe this has contributed to their tremendous success."

Recent Awards

GreenTech Environment Excellence Award 2008

GTL has won the Greentech Environment Excellence Award 2008 in Infrastructure Sector for Outstanding Achievement in Environment Management. GTL has made significant investments and has achieved substantial reduction in the consumption of natural resources and is well on its way to reduce the carbon footprint.

Corporate Responsibility Award from Nokia-Siemens

GTL along with its acquired company ADA Cellworks Wirless Engineering Pvt. Ltd. has received the "Outstanding Contributor to Corporate Responsibility" award in the services category at the Nokia Siemens Networks Supplier Innovation Awards 2008, held in Singapore on June 26, 2008.

Becomes No. 1 Telecom Turnkey Company of the year

VOICE&DATA, India's No.1 communications magazine that conducts annual survey "V&D100" for the Indian Communications Industry has named GTL Limited as the No. 1 Company of the year in Telecom Turnkey segments for FY 2007-08.

TEMA National Telecom Award

GTL wins TEMA National Telecom Award for "Excellence in Infrastructure for Connecting People with Disability." Mr. Thiru A Raja, Hon'ble Union Minister of Communications & IT presented the "2nd TEMA National Telecom Awards 2008" held in New Delhi on 16th May 2008 on the occasion of "World Telecom & Information Society Day".

GTL Features amongst Top 10 in the S&P's ESG India Index

The Index measures 50 of the best performing stocks in the India market as measured by environmental, social and governance parameters. GTL is ranked 8th in this list.

Golden Peacock Global Award

GTL Limited received the prestigious Golden Peacock Global Award for Corporate Governance in 2007. GTL received the award with an appreciation for its Good Corporate Governance practices that were reflected in transparent disclosures and compliance and voluntary audit of quarterly accounts, functioning of the Board and CSR activities.

4Ps Power Brand

In an exclusive survey conducted by ICMR and 4Ps Business and Marketing magazine, GTL Limited emerged as the 4Ps Power Brand 2007'.

Pegasus Award

GTL Limited won the prestigious Pegasus Corporate Social Responsibility (CSR) Silver Award for Physically / Mentally Handicapped category for its initiatives in Corporate Social Responsibility projects like Netra, Swayam, Asha, and Samman.

Bharat Shiromani Award

Mr. Manoj G. Tirodkar, Chairman and Managing Director, GTL Limited, was awarded the prestigious Bharat Shiromani Awards' from the Shiromani Institute, a non-profit voluntary organisation of intellectuals, thinkers and social workers who promote national development and research on Indian life.

BSR Award

Bombay Stock Exchange in association with Times Now, felicitated GTL's, CSR initiative by presenting it with the Corporate Governance Business for Social Responsibility' Award. The award is instituted by BSR, a non-profit business association headquartered in San Francisco and was hosted by ITM Business School.

HR in line with business

GTL won the award for Best HR Strategy in line with Business' at the Employer Branding Award 2007 presented by Indiatimes Mindscape and ITM Business Institute.

Rasbic Award

GTL's Chief People Officer, Mr. S. N. Jadhav won the 2007 Rasbic Award for the most Innovative Recruiting & Staffing Program / Initiative. The Recruiting and Staffing Best in Class Awards (RASBIC) have been established to honour, recognise and promote innovative best practices in workforce management and planning.

Corporate Social

Responsibility

Corporate Social Responsibility

Corporate Social Responsibility (CSR) at GTL has been institutionalised as a way of life. The Company believes in an integrated approach towards operating in an economically, socially and environmentally sustainable manner. The focus is more on an inclusive approach, i.e. taking care of the interests of its investors, employees, business partners, customers, local communities, the environment and the society at large.

On the recommendation of the Social Commitment Cell, a CSR Cell was formed in January 2004, which aimed at conforming to Best Global Practices. Subsequently, the GTL Foundation (GTLF) was set up to implement social activities with a clear focus to support areas of health, disability, education, women's empowerment and children. Thrust areas include:

- Computer education in rural areas and for those who are at a disadvantage so as to bridge the digital divide Support to the visually and physically challenged

- Every year, GTL provides up to 1% of its Net Profit towards continuing the CSR programme.

Environment

In addition, the Company has taken great efforts to uphold causes related to the environment in all its business endeavours. GTL has maintained a green campus, it is an ISO 14001:2004 certified company and also complies with all Indian Environmental Laws that are applicable - The Environmental Protection Act Second Amendment Rules, 2002, The Environmental Protection Act Third Amendment Rules, 2002, The Hazardous Waste Management, The Batteries Management and Handling Rules, 2000 etc.

Projects Undertaken

Apart from the above activities, GTL is actively involved in other projects which are selected for implementation by the Trustees of the GTL Foundation.

⯈ Project GYAN IT

As a part of its efforts to bridge the digital divide, GTL has taken up the task of providing computer education for the underprivileged sections of society. The project, under which, 75 computer labs have been set up in rural secondary and higher secondary schools in Maharashtra .These computer labs have been maintained by the Foundation for over 3 years and over 87,500 students have already benefited from them.

Under ICT Education program GTL is conducting seminars in rural collages to educate the youth on the opportunities in IT/BPO sector benefiting 4,000 students.

GTL has also conducted 'Train The Trainer' programs wherein 420 teachers from rural schools were taught how to use the computer. This enables sustainability and continuous improvement in computer education.

Corporate Social Responsibility

Village Knowledge Centre (VKC)

VKC is a place to render a wide range of services from a single window to the rural masses, especially in remote areas of the country, through modern Information and Communication Technology. These services are aimed at addressing the needs of the rural population, viz. rain water harvesting, nutritional information including the primary processing of fruits and vegetables, rural sanitation, preventive and curative aspects of health and hygiene, skills development and capacity building among village based organisations and people, or on any other issue that is of importance to rural communities. VKC in association with Nasscom Foundation is functional in Pinguli and Devrukh, Sindhudurg and Ratnagiri Districts and has benefited 1940 people (women, senior citizens, graduates, school children and other individuals as well).

Project Knowledge on Wheels (KNOW)

'Knowledge on Wheels' the Golden Peacock Innovation Award 2008 winner is a mobile computer lab that spreads computer literacy in the rural parts of India. This initiative has helped GTL cover another 8,000 children. The mobile computer van is an air-conditioned, 32-seater bus converted into a computer classroom. The bus is equipped with computers, UPS and a generator for generating electricity. The mobile computer lab parks itself in a school for 20 days and imparts 20 hours of computer training to a batch of 40 students. During the last 2 years, it has covered 20 schools and trained over 1000 students. KNOW is also used for imparting Internet training to graduates and teachers.

Project Netra

The GTL Foundation, for the last 8 years has been supporting the annual all-India competition conducted by the All India Chess Federation for the Blind (AICFB). The Foundation is committed towards AICFB and their cause of putting India on the world map for Chess for the visually challenged. AICFB hosted the 11th International World Chess Championship for the Blind. 82 players from 31 countries participated in this grand event. GTL Foundation was the co-sponsor for this event.

TALK 64 Speech-enabled Chess Software

The visually challenged use special software to make use of computer technology that helps them hear what people can see. Chess is the only game that the visually challenged can play at par with the sighted. GTL Foundation has developed a speech-enabled software 'TALK 64', which enables the visually challenged to improve their chess-playing skills; by helping them access the technicalities of the game. This first of its kind, speech-based project has a database of 1,00,000 games, where the player can improve his/her skill sets. This software was launched at the International World Chess Championship 2006 in Goa, held on 10th October 2006, and received appreciation from players worldwide. This is a step towards offering better opportunities to the visually challenged population of the world.

Corporate Social Responsibility

⮞ Project Asha

Under this project GTL is helping the Helen Keller Institute for the Deaf and Blind, an NGO by setting up a Training Center and Diagnostic Care Center. Established in July 1977, the institute helps educate and train deaf and blind children.

⮞ Project Samman

GTL extends support to the physically challenged by providing them with motorized three wheelers. This program is partnered with Rajiv Gandhi Foundation.

⮞ Positron

It consists of a team of young volunteers radiating positive energy to bring about change in one's outlook towards CSR and working for a noble cause. With a belief that they can make things happen, more than 100 Positrons of GTL are committed to this noble cause.

⮞ Care for the Environment

In addition, the Company has taken great efforts to uphold cause its business endeavors. In 2007, we continued to practice our environmental responsibility, with a focus on energy conservation, reducing emissions and minimizing waste. We are one of the few groups in India who have placed emphasis on getting the BS 15,000 certifications done.   To this effect the company has recently won the Geentech Environment Excellence Award 2008 in Infrastructure Sector for Outstanding Achievement in Environment Management

GTL is encouraging system-wide efforts for energy conservation, the use of renewable energy, increasing resource efficiency, improving waste management and recycling.

The company has initiated a key environmental indicator collection system and started data collection to monitor our environmental impact. Looking forward, we will take advantage of the unique attributes of both our group companies and industry to advocate for industry-wide changes and reduce our environmental footprint.
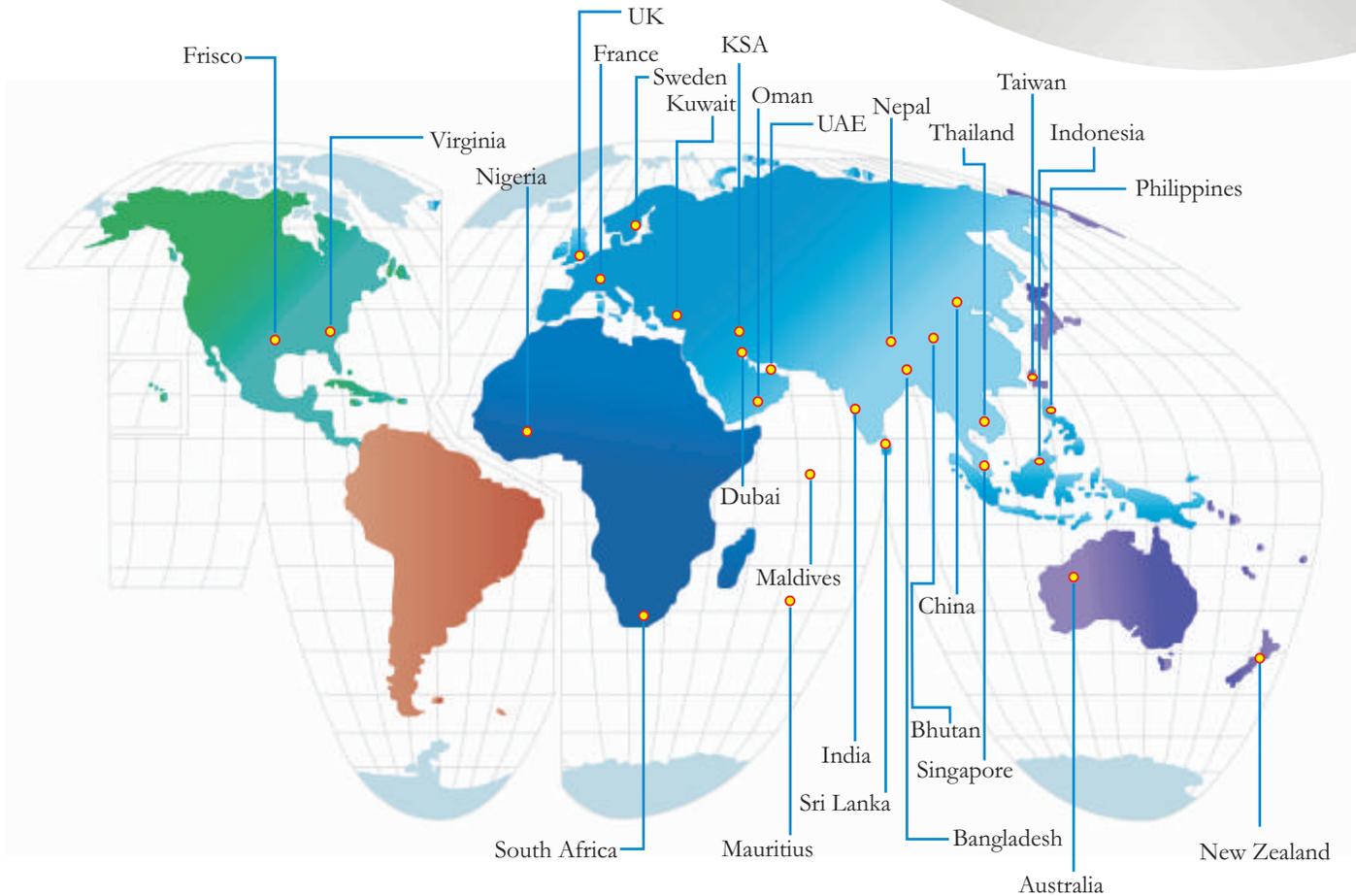
We are working for ways in which our business and the natural environment to grow together harmoniously. The group also conducts regularly, environment education programs aimed at increasing employee awareness of workplace health and safety. Our policies and programs especially for our field engineers and Network deployment play a role in creating a safe working environment.

All the initiatives taken by the group companies are aimed at achieving the following objectives

- Comply with all the applicable laws with respect to environment protection
- Ensure the health and safety of the employees
- Ensure optimum utilization of the precious natural resources, by striving for energy savings and prevent energy losses
- Educate employees and partners to conserve energy
- Reduce paper consumption
- Adhere best practices in waste management and water conservation

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Taiwan
Virginia
UAE
Thailand
Indonesia
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GTL

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