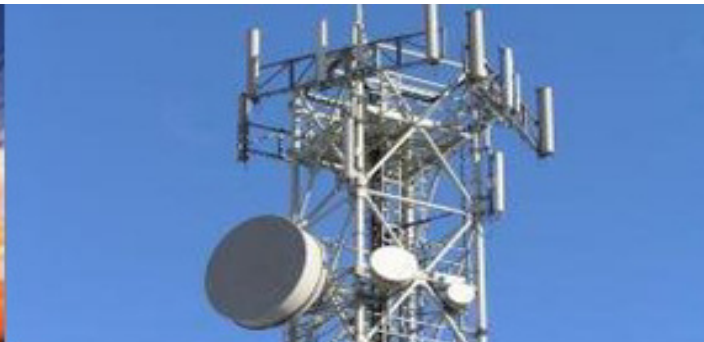


# Competitive Communication Services

Company Profile



# Competitive Communication Services

[www.ccsorg.com](http://www.ccsorg.com)

# Who We Are



Competitive Communication Services (CCS) is formed by group of professionals in 2007 and growing business on an average rate of 28% since last four years.

CCS is a reputed company in field of system integrator for different sectors like Telecommunication, Power Generation, Power Transmission, Oil & Gas and much more. CCS is providing 'turnkey' communication systems from design through to site installation, commissioning and 24x7 operation support to customers in PAN India.

We have innovatively built specialties in the areas of system designing, Engineering, Project Management and 24x7 operations support. Being acutely aware of the crucial nature of every application, CCS goes all out to ensure extreme reliability, value for money and support for many years beyond commissioning.

# Why Choose CCS



Our reputation is built on our ability to offer individually customized, innovative solutions that deliver value for money, resilience and flexibility.

With passion, commitment and understanding at the heart of all we do, we are a communications systems integrator providing 'turnkey' communication systems, from design to site commissioning and support. We are different because:

- ✓ We follow Customer First concept and understand what the customer needs
- ✓ Our solutions are individually custom made, reliable, and resilient and also value for money
- ✓ Project run by PMP certified Customer Project Manager
- ✓ Provision for mandatory in house training and certification
- ✓ CCS has own training centre for hands on experience and confidence development.
- ✓ Our technical man force are trained to work in 'hazardous environments'
- ✓ We operate PAN India, including extreme and challenging environments





# Mission and Values



CCS has been providing communication and security services on the whole territory of India by means of the up-to-dated technologies, at the same time complying with relevant international and local standards and regulations for the purpose of further evolution of our information society.

Enhancing the process of planning, technological growth, development of organization and management of resources, the company has faced with the market challenges and growing competition. CCS has been significantly improving its customer relations and service quality, that way continuing to be the leading integrator of communication solution for business, industry and governments around the world.

Our core values of Respect, Integrity, Professionalism, Innovation and Perseverance are reflected not only in our workplace but also in the business we do with our customers and in how we interact in society. We believe in treating every individual with respect and with fairness

Founded by a group of friend, our culture is one of hard work, determination and team spirit.

# Our Commitment

## Quality Objective



CCS aim to provide a professional and ethical service to our customers. In order to demonstrate our intentions, we have identified the following Quality Objectives:

- 🌀 We will endeavor to deliver our services to specifications
- 🌀 We will endeavor to deliver our services to the price quoted
- 🌀 We will endeavor to make a profitable return on our activities in order to fuel ongoing development and growth
- 🌀 Our Management Team will analyze customer feedback data, internal performance data, employee appraisals and peer assessment reviews including business performance data and financial performance data to ensure that our quality objectives are being met
- 🌀 We will endeavor to satisfy our customer requirements and get things right the first time
- 🌀 Should we make a mistake, we admit it and put things right as soon as possible

# Our Commitment

## HES Policy



CCS recognizes health, safety and environmental responsibility as a core commitment of its business. Protection of employees from injury or occupational disease is a major continuing objective. CCS is committed to continuing improvement toward an accident-free workplace through effective administration, education and training.

The company's philosophy is that the well-being of our company and customer is dependent on the health and safety of our workforce. Management will take every reasonable precaution to protect all workers. The welfare of the individual is of the greatest concern.

CCS recognizes that a safe work environment can be established and sustained only through a united effort by all employees and subcontractors and that the assistance of each person is required.

# Our Commitment

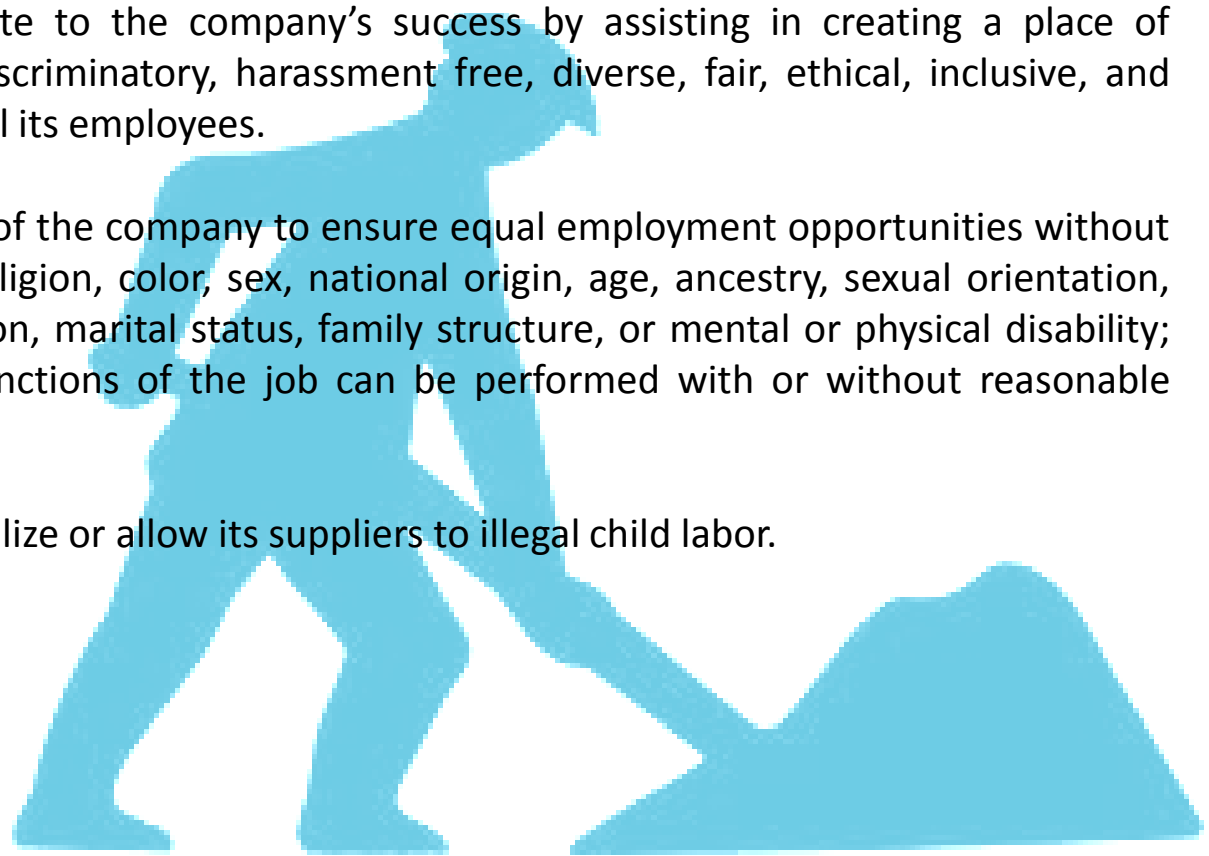
## Labor Rights Policy



CCS mission is to contribute to the company's success by assisting in creating a place of employment that is non-discriminatory, harassment free, diverse, fair, ethical, inclusive, and values the contribution of all its employees.

It is the policy and practice of the company to ensure equal employment opportunities without regard to race, ethnicity, religion, color, sex, national origin, age, ancestry, sexual orientation, gender identity or expression, marital status, family structure, or mental or physical disability; so long as the essential functions of the job can be performed with or without reasonable accommodation.

In addition, CCS does not utilize or allow its suppliers to illegal child labor.





# Our Commitment

## Ethics Policy



CCS is committed to establishing a culture of openness, trust and integrity in business practices. Effective ethics is a team effort involving the participation and support of every employee and business partner.

To support the company's objectives, management and employees shall adhere to the following:

- ✓ Protect the safety, health and welfare of all individuals in the course of their work.
- ✓ Treat with respect and consideration all persons, regardless of race, religion, gender, sexual orientation, maternity, marital or family status, disability, age or national origin.
- ✓ Accept the responsibility to keep up to date on emerging issues and to conduct themselves with professional competence, fairness, impartiality, efficiency, and effectiveness.
- ✓ Serve with respect, concern, courtesy, and responsiveness in carrying out the organization's mission.
- ✓ Demonstrate the highest standards of personal integrity, truthfulness, honesty, and fortitude in all activities.
- ✓ Respect and protect privileged information to which they have access.

# Services

## Telecom



We are communication system integrator providing 'Trunkey' communication systems from design through to site commissioning and support to customers around India. We have over more than 5 years of experience in Fiber Optics Communication. Our specialization in end-to-end all communication schemes like SDH, DWDM, PDH along with Microwave. It is a quality driven company, and worked on numerous successful projects. We are providing our services in area of:

- ❖ Fiber Optics Communication
- ❖ Wire Line Communication
- ❖ Wireless Communication
- ❖ GSM/CDMA

# Services

## Telecom Cont..



### ❖ Fiber Optics Communication

- Providing 'Trunkey' solution for SDH & DWDM Network
- Customized Network Planning and Engineering
- Customized NMS Designing
- NE addition and up gradations in existing Network
- Project Management including Installation, Commissioning and Testing
- Optical Fiber Survey and Laying
- OPGW High Voltage Transmission Line survey and implementation
- 24x7 network monitoring and maintenance
- Manage Services for existing network

### ❖ Wire Line Communication

- Providing 'Trunkey' solution for PDH Network, E1 MUX and EPABX Network
- Customized Network Planning and Engineering
- Customized NMS Designing
- NE addition and upgradations in existing network
- Project Management including Installation, Commissioning and Testing.
- 24x7 network monitoring and maintenance
- Manage Services for existing network

# Services

## Telecom Cont..



### ❖ Wireless Communication

- Providing 'Trunking' solution for Microwave SDH/PDH Network
- Link survey and link feasibility report
- Network designing and planning with NMS
- Project Management including Installation, Commissioning and Testing.

### ❖ LAN/WAN

- Implementations of Multi-Location, multi-services converged networks (Voice, Data & Video) based on latest technologies like ATM, MPLS/Frame relay, TCP/IP etc.
- Campus Wide Networks & Local Area Networks.
- Switch and Router Implementation and Operation.

# Services

## Telecom Cont..



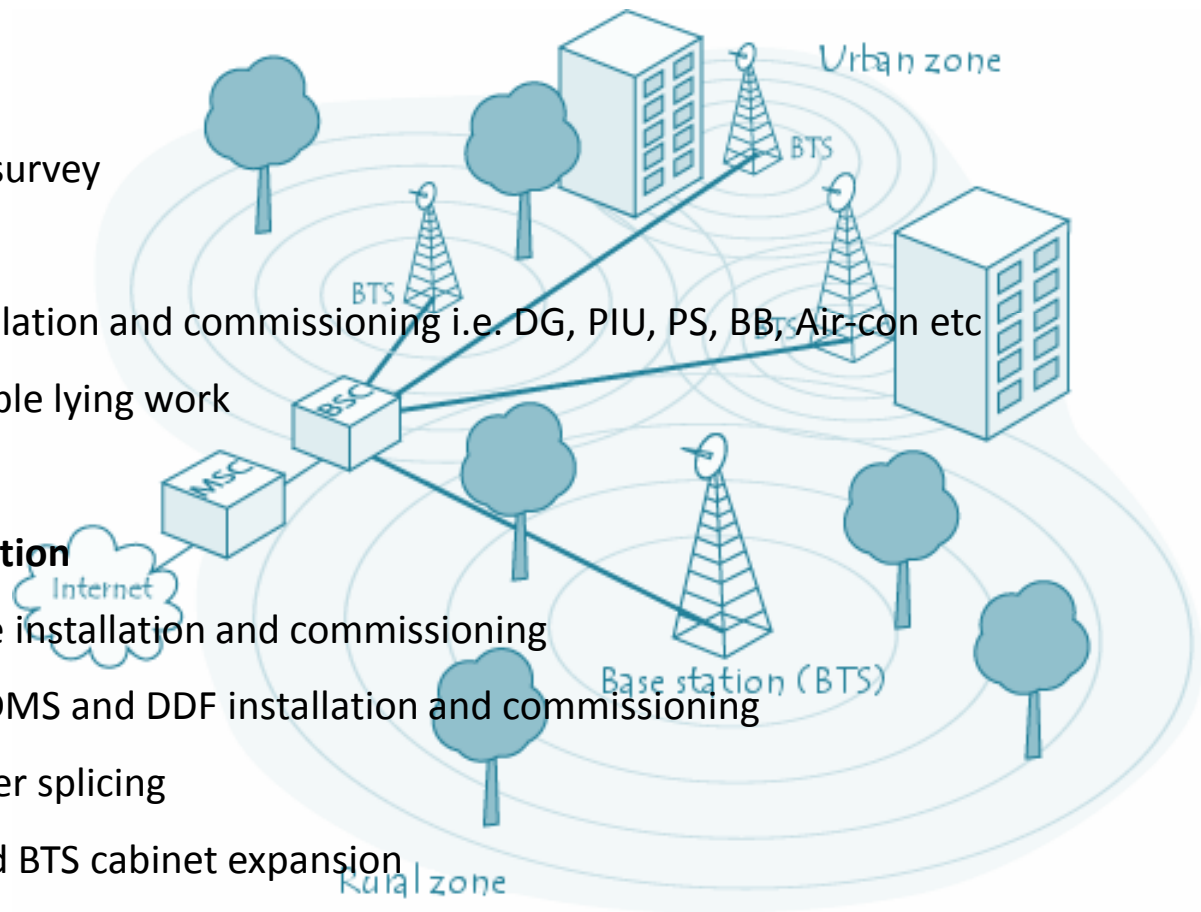
### ❖ GSM/CDMA

#### ▪ BTS site Infra solution

- BTS site feasibility survey
- BTS site civil works
- BTS electrical installation and commissioning i.e. DG, PIU, PS, BB, Air-con etc
- Indoor/outdoor cable lying work

#### ▪ BTS site electronics solution

- BTS and microwave installation and commissioning
- SDH/PDH MUX, FDMS and DDF installation and commissioning
- Fiber Lying and Fiber splicing
- Sector addition and BTS cabinet expansion



# Services

## Power Sector

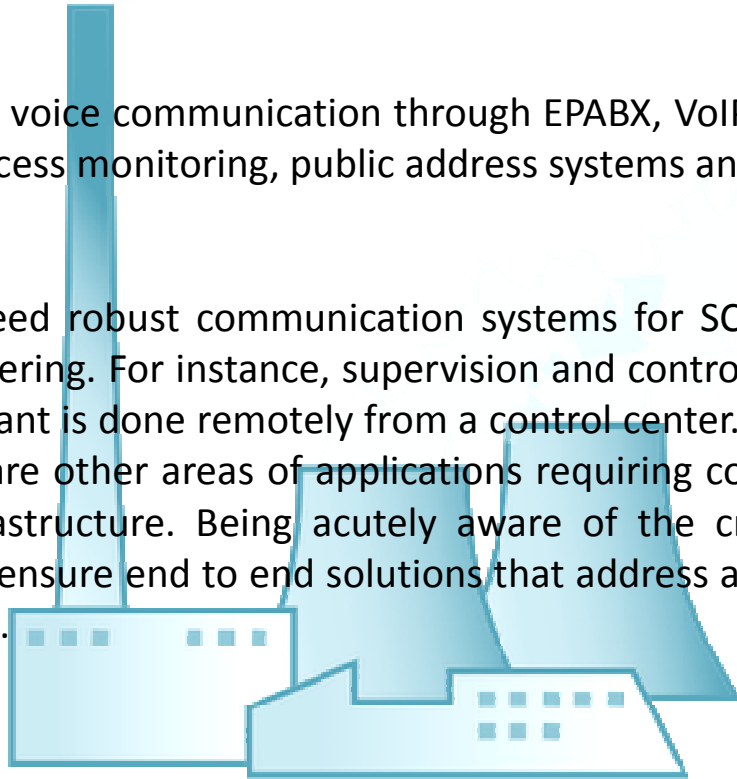


With our strong capability in providing integrated solutions, we provide complete plant-communication systems for power generation plants and distribution stations

### ❖Power Generation Solution

We are providing integrated solution comprises voice communication through EPABX, VoIP and microwave radio, video for surveillance and process monitoring, public address systems and the entire gamut of data communications.

Customers of Power Generation companies need robust communication systems for SCADA, voice communications, tele-protection and metering. For instance, supervision and control of a dam and switchyard in a hydroelectric power plant is done remotely from a control center. Sub-station automation and metering applications are other areas of applications requiring control systems and high-speed communications infrastructure. Being acutely aware of the crucial nature of every application, CCS goes all out to ensure end to end solutions that address all the essential communication needs of its customers.





# Services

## Power Sector Cont..



### ❖ Power Transmission & Distribution Solution

In Smart Grid technologies, the importance of telecom systems in improving the efficiency, reliability, safety and quality of power delivery is more than ever before. CCS has extensive experience in deploying highly reliable dual redundant systems for uninterrupted operations. High Voltage Transmission Lines also require control and monitoring systems across a distribution network. High speed tele-protection systems are crucial for quickly isolating faults in a distribution network and preventing damage to vital equipments at the power plants and stations. With our expertise in critical network architecture, we have designed and deployed communication networks for power companies along alternate paths to increase availability.

We have deployed overhead Optical Ground-Wire (OPGW) and buried optical fiber based high-speed communication systems which are suited for operation under high voltage conditions since they are immune to electromagnetic interference. For sections where cables cannot be laid due to land-use restrictions or unfavorable topology, we have deployed microwave communication links.

Our expertise does not end with designing, building and installation of these systems. We have undertaken network maintenance contracts for vital power supply companies with 99.99% uptime assurance.

# Services

## Oil & Gas



CCS have over more than 2 years of experience in Oil & Gas sector. We have delivered services for Pipeline Telecommunication and Security Systems in India like Optical Fiber SDH Network, Radio System, LAN, CCTV, Digital Recording System, Leak and Security Detection System and much more.

- ❖ Offshore Platform
- ❖ Wellheads
- ❖ Offshore Platform
- ❖ Onshore Refineries
- ❖ LNG Plants
- ❖ Pipelines
- ❖ Petrochemical Sites



# Services

## Security and Surveillance



CCS commits to secure people and their premises. We believe that Security comes first in everyone's life and that's why we offer you the best solutions and extensive portfolio of innovative, high-quality, ergonomic products and systems for security safety and communication featuring intelligent functionality and modular concepts that grow with customers requirements.

- ❖ Intrusion Alarm Systems
- ❖ CCTV and IP Based Solutions
- ❖ Access Control & Biometrics
- ❖ Home and Office Automation
- ❖ Home & Vehicle Trackers –
- ❖ GSM Mobile Systems
- ❖ GSM Mobile based Wireless Security System
- ❖ Security Management Systems
- ❖ Hardwire Alarm Systems
- ❖ Fire Alarm System
- ❖ Door Alarms
- ❖ Commercial Fire Alarms
- ❖ Panic/Home Invasion Alert and many more....

# Major Project and Achievements



- ❖ In telecom, CSS is managing services of PGCIL (Power Grid Corporation of India Limited) wide band fiber communication network since 2007 for northern Grid. We are doing 24x7 operation and maintenance of around 4200 km long fiber network in seven states of India, containing 120 SDH Mux, 410 PDH Mux, 80 microwave links and their associated parts of different manufacturers with the committed 99.99 network availability.
- ❖ We got 160 sites work order from Commtel Network for installation and commissioning of FiberHome make STM-4, STM-1, PDH mux and power plants (HBL) including backup battery Bank in Power Grid optical fiber network. Out of 160, CCS has implemented 70 sites and remaining are in progress.
- ❖ Recently, CSS completed project PIDS (Pipeline Intrusion Detection System) to monitor the intrusion activities along 80 km sections length successfully without any outage in existing STM-4 capacity network for customer Cairn India. In this project CCS installed and commissioned PIDS equipments at Above Ground Installation (AGI) on 735 km long Mangala to Jamnagar main 24" Oil export pipeline and a 8" Gas (fuel) pipeline. PIDS project was sublet by Optilan Ltd to CCS.

# Major Project and Achievements Cont..



- ❖ CCS worked for Delhi Transco Limited on many projects. For DTL we installed fiber to Ethernet converters, battery banks, SMPS and Fiber laying work. We also supplied Moxa make telecom equipments to DTL for various project.
- ❖ In Power Sector, CSS completed switch yards survey, control rooms survey of different capacities of 48 substations (upto 220 KVA) in Rajasthan. In this work we marked all existing equipment, incoming and outgoing feeders, length of feeder in drawing with the suggestion of usable space in the control rooms to our customer ICSA, Hyderabad. ICSA is empowering the Energy Sector with its Innovative Solutions.
- ❖ CSS worked on BTS sites of IDEA cellular Ltd for our customer Spench Info System Pvt. Ltd. The scope of work is installation of BTS as well as Power plants and battery Banks.
- ❖ In 2007-08 we worked for GSM service provider Aircel to I&C of Fujitsu make microwave radios on BTS sites.
- ❖ We are also working for State Electricity Boards of Northern region on limited tenders of equipments I&C and fiber laying and fiber splicing.

# Our Customers



**GSM Telecom  
Operators**



**State Electricity  
Boards**



# Contact Us



## Registered Office Bhopal

Competitive Communication Services  
70, Tagore Nagar, Piplani  
Bhopal – 462021

✉ [info@ccsorg.com](mailto:info@ccsorg.com),  
✉ [competitive\\_ccs@yahoo.co.in](mailto:competitive_ccs@yahoo.co.in)

## Regional Office Delhi/NCR

Competitive Communication Services  
22, Shanti Appartment,  
11/B VasantKunj, Kishangargh,  
New Delhi-70

✉ [info@ccsorg.com](mailto:info@ccsorg.com)  
✉ [competitive\\_ccs@yahoo.co.in](mailto:competitive_ccs@yahoo.co.in)

