



e-Governance in Gujarat

GSWAN Project

TCIL Telecom & IT Excellence

For almost 25 years, Telecommunications Consultants India Limited (TCIL) has been spearheading the telecommunication odyssey in India. At its inception in 1978, its main aim was to spread Indian telecom excellence in developing and under developed countries.

Globally, TCIL has made an impact by working on prestigious projects like: rehabilitation of the telecom network for Kuwait after the Gulf War, consultancy for Regional African Satellite Communication Systems (RASCOM), developing software for telecom applications for the Dutch PTT, setting up training centres at Lagos and Kano, Nigeria etc.

TCIL magnitude can be judged by the installation and commissioning of key projects for Department of Telecommunications (DoT), Railways, Gas Authority of India Limited (GAIL), Power Grid, Indian Armed Forces and various State Governments.

TCIL's e-Governance Projects

- Provided the consultancy to Govt. of Gujarat (GSWAN - Gujarat State Wide Area Network).
- Provided consultancy for Sachivalaya Integrated Communication Network (SICN) at Gandhinagar Secretariat
- Provided Consultancy to Project Development Corporation of Rajasthan (PDCOR) for setting up Value Added Network (VAN) in Rajasthan State to provide voice, data & video to Govt., industry & consumer sector
- Provided turnkey solution for hotline Network linking up all Government offices spread over the State of Rajasthan
- Provided Feasibility study Report for Wide Area Network for Govt. of Tripura

Services Offered by TCIL for e-Governance

- ▶ Turnkey Solutions to meet end-to-end customer requirement
- ▶ Networking Solutions with total system integration and implementation
- ▶ Project Consultancy Services from concept to commissioning
- ▶ Software development and maintenance
- ▶ On-site manpower support
- ▶ Training



GSWAN Project

Gujarat is the first State in India with an IP based Wide Area Network with a coverage upto Taluka level. GSWAN is a benchmark for many States in India aspiring for Wide Area Network.

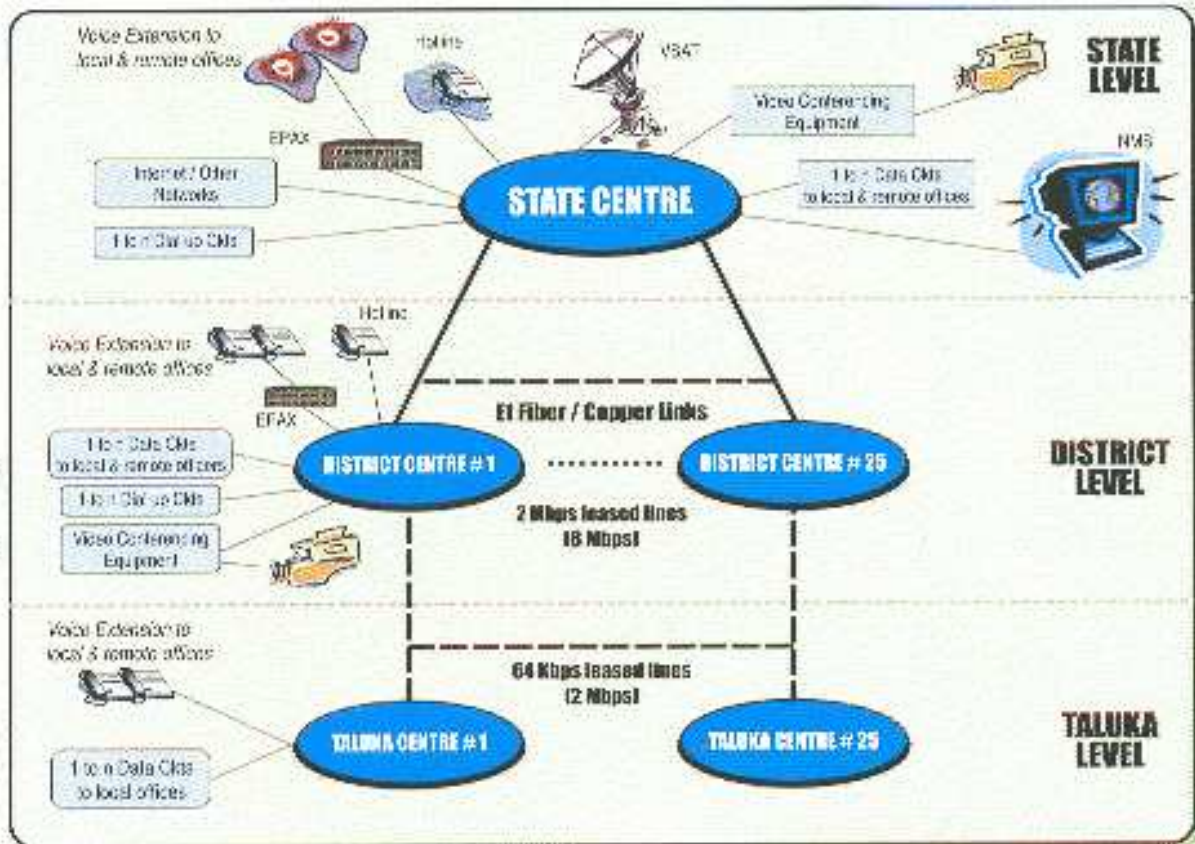
The project involved consultancy for setting up of a Statewide Wide Area Network (GAWAN) for the Govt. of Gujarat and creating a back bone for e-Governance for the whole state. The project was awarded in year 2000 and has been completed successfully in stipulated period of time. The project received wide appreciation from the Govt. of Gujarat.

Salient features of the projects

- Improves communication and co-ordinate activities between Govt. departments and organizations and a Government-to-citizen interface to provide citizen related services and information (G2C) & receive feedback from citizens (C2G).
- Network connects State Head Quarters, District Head Quarters (25 Nos.) and Taluka Head Quarters (225 Nos.), various Govt. departments (about 500 Nos.) throughout the state.
- Provides converged voice, data and video services
- Provides Internet connectivity
- Provides mobile VSAT connectivity and Hotline connectivity to cater for disaster management
- Provides facility for public grievance redressal



GSWAN - Network Diagram



Benefits of GSWAN

Present Applications :

CM'S ONLINE GRIEVANCE MONITORING SYSTEM

Recording of citizens complaints over phone, Routing to respective departments for action, monitoring by Chief Minister.

TALIM ROJGAR

Jobseekers database of all the Employment Exchanges of the Gujarat State. Job seeker can register, update & renew registrations.

GUJARAT HIGH COURT (DAILY CASE STATUS)

Status of all cases viz: Case description, Status & Date of next hearing etc.

GR BOOK

Assists to browse, locate and view the Government of Gujarat Resolutions with bilingual option of English or Gujarati.

RTO CHECKPOST

At Checkposts vehicles are weighed, tax calculated, payment received and centralised database maintained.

ONLINE STAMP DUTY

Status of Stamp duty collection at all revenue offices at all districts.

GUJARAT STATE ONLINE BUDGET

Information on Latest Budget Speech, Budget at a Glance, Online query, Economic Survey & Annual Plan.

TREASURY INFORMATION SYSTEM

Status of bills submitted to all departments throughout Gujarat can be viewed.

LAND RECORD INFORMATION SYSTEM

Information of Land viz: ownership, area, taxation etc. at District and Taluka level.

GUJARAT STATE SALES TAX

Status of tax collection at all sales tax depts.

SWAGAT (STATE WIDE ATTENTION ON GRIEVANCES BY APPLICATION OF TECHNOLOGY)

Citizens complaints are taken at specified time and the status is viewed by Chief Minister the same day through video conference with State Authorities.

Possible Future Applications :

Government to Government (G2G):

- Disaster warning & control of rescue/ recovery operations
- Law and order monitoring & control.
- File Tracking System in Secretariat

Government to Citizen/ Citizen to Government (G2C/ C2G):

- Issuance of Certificates : Birth, Death, Community, Nativity, Income etc.
- Utility Payments : Electricity, Water, Telephone etc.
- Tax Payments : Income tax, Property Tax etc., filing of returns.
- Issuance of Licenses : Learners driving license.
- Distant Learning.
- Information : Train/ Bus/ Flight timings, Meteorological info., Market price etc.
- Health care : Distant consultancy/ Tele medicine, Fixing up of appointments etc.
- Booking of parks/ community halls for functions

Government to Business/ Business to Government (G2B/ B2G):

- Tax Payments: Sales Tax, Commercial Tax, Income Tax etc.
- Tracking shipments, supplies, event management etc.
- Online Procurement, Recruitment etc.



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