eGovernance in Revenue Dept.

PREFACE

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Revenue Department *is the oldest in the administrative setup of Government and plays important and integral role in effective implementation of various government schemes and national programs, especially in land related matters. It is one of the key departments of the Government of Gujarat and its Secretariat (HO) is situated at Sachivalaya, Gandhinagar.*

The department deals with assessment and collection of land Revenue, rent, cess, collection of registration fees and stamp duties and are concerned with laws regarding land tenures, relation between land lord and tenants, disposal of Govt. land and alienation of land, rights over land and consolidation of land holdings.

Government of Gujarat is in the process of computerizing Revenue Department, its HoDs and all its offices including collectorate in various districts. The department intends to evolve an Integrated IT Solution (IITS) encompassing all its functional areas and offices.

In this issue, we brief you on the details of the eGovernance activities in Revenue Department.

ENVISIONED TRANSFORMATION

Background

- Revenue Department is one of the largest and most complex departments in the Government machinery, having its functional arms and wings spread right up to village level, the department having to deal with grass root level citizens (mainly farmers) for matters related to land.
- To execute the functions mentioned above at various administrative levels, the department has following HoDs and institutes under it.

- HoDs and other offices under Revenue Department
  1. Collector Offices

  2. Settlement Comm. & Dir. of Land Records

  3. Inspector General of Registration and Superintendent of Stamps.

  4. CLR & Secretary (Land Reforms)

  5. Commissioner of Relief

  6. Revenue Inspection Commissioner

  7. Gujarat State Land Use Board

  8. Gujarat Revenue Tribunal

  9. Special Secretary (Appeals)

  10. Deendayal Institute of Land & Survey

Vision of RD

Through e-governance, the department wishes to achieve the following

- ✓ Provide transparent and user-friendly administration

- ✓ Address changing trends

- ✓ Simplified procedures in delivery of services

- ✓ Enhance resources

- ✓ Create IT awareness within RD, by providing the required training and infrastructure to all the employees.
- ✓ Provide On-line status of documents to citizens

Current Status of eGovernance in RD

Status of Internal Business Process:

- ✓ LRIS on Intranet – implemented

- ✓ 98 lac records of VF7x12 and 54 lac records of VF8A have been computerized and made online. These records are being updated by taluka administration

- ✓ These records are online available to all Govt. office those are on GSWAN through intranet service

- ✓ Correspondence through e-Mail Under implementation

- ✓ About 20% of correspondence with districts is done through e-mail

✓ Aptitude for e-Mail correspondence is gradually cultivated in RD & District personnel

✓ Consolidated GRs on Web

✓ About 425 GRs of RD have been uploaded on "GRBOOK" website of GOG

✓ Recent Consolidated GRs of RD are being uploaded on RD website

Status of Citizen Centric Process:

✓ Land Records Management System

- Land-Record operational
- e-Dhara Online mutation Pilot (Bhoomi based) Underway in Junagadh

✓ Websites

- 28 websites operationalise
- More 1 website ready for launch

✓ Stamp-Valuation Jantri on Web

- Jantri operationalised

✓ Tippan Computerisation

- Two-Pilot-Project Implemented in 408(SK) + 131(Anand) villages

✓ District level Civic Centers

- Operationalised in 3 districts

✓ Taluka Level Civic Centers

- Operationalised in 110+ talukas

Data Base Creation

✓ Village Form 7
✓ Village Form 8
✓ Village Form 12
✓ Village Form 6
  (Underway)

✓ Kami Jasti Patrak
  (Underway)

✓ Tipan (408+131villages)

✓ City Survey Property Card
  (Underway)

✓ Stamp Duty Valuation Data

GSWAN Connectivity

✓ Secretariat: 128 clients

✓ Collect orates: All 25

✓ Prants: 38 (Total 54)

✓ Mamlatdars: All 225

Office Networks: Internal LANs

✓ Secretariat: 128 clients

✓ Collect orates: All 25
  Capacity of 48 Clients

✓ Mamlatdars: All 225
  Capable of 5 Clients

✓ HODs: (All 6) (SCDLR, IGRSS, DILS, SSRD, GRT)

Planning for 2004-5 & Projected Outcome

Internal Business

- ✓ 25 Sub-registrars at DHQ

Local Network

- ✓ All 54 Prants
- ✓ 25 Sub-registrars at DHQ
- ✓ 19 City-survey offices of 7 Muni.Corp cities

Others

- ✓ Hardware:
  19 City-survey offices of 7 Muni.Corp cities

IMPACT

Internal Efficiency

- ✓ Retrieval of Land/ Land-use inf. faster within department
- ✓ Faster delivery of land/ land-use information to other user departments
- ✓ Internal flow of typing matter between RD-branches and typing section

Cost Savings

- ✓ Data/ matter sharing through LAN
- ✓ Digital Survey doubles speed of measurements
- ✓ GR references faster
- ✓ E-Mail for faster communication and data transfer

Facilities to Citizen at Large

- ✓ Latest GR available on net
- ✓

- ✓ TSP Selection to be completed by September 2004 and system design document to be finalized by Dec-2004

- ✓ Need to develop Record Management System at all levels

- ✓ E-mail Directory of RD to be published by Sept- 2004

- ✓ Increased Usage of e-mail for document transfer and communication

- ✓ GIS based Land Information System

Citizen Centric projects

- ✓ Networking of Sub-registrar and city survey offices – pilot work in Ahmedabad

- ✓ Computerization of City Survey – 19 offices of 7 Muni. Corp Cities

- ✓ Computerizations of Tipan project (Rs.10 cr) proposed to GOI

- ✓ e-DharaLRMS implementation

- ✓ Launching of 4 more websites of HODs
- ✓ Operational remaining Dist/ Taluaka Civic centers

GSWAN Connectivity

- ✓ Remaining 16 Prants
- ✓ 3 HODs – SCDLR, DILS, GRT

✓ Computerized land records available same day on demand

✓ Certificates, affidavits, attestation same day on demand

Human Resource Development

Module Training– Sachivalaya

✓ Module-I: 95% completed
✓ Module-II: 10% completed

Module Training – HODs

✓ Module-I: 25% completed
✓ Module-II: To be started

Module Training – District Level

✓ Module-I: 50% completed
✓ Module-II: To be started

E-Dhara Training workshops

✓ All District Nodal, Prant officer, 112Mamlatdars completed

✓ Remaining Officers, District staff, Taluka staff, Talati training underway

✓ Hardware training to some staff planned out

RD Websites

The RD website can be viewed at www.revenuedepartment@gujarat.gov.in/

Front Page of the RD website

The Stamp Registration website can be viewed at www.stampsregistration@gujarat.gov.in/

Front Page of the Stamp Generation website

The Land Records website can be viewed at www.landrecordst@gujarat.gov.in/

Front Page of the Land Records website

The **Ahmedabad Collectorate website** can be viewed at
www.Ahmedabad@gujarat.gov.in/

Front Page of the Ahmedabad Collectorate website

Introduction to Computerization of Land Records Project

- Govt. of India has realized an inescapable need of strengthening the administration of one of its key departments, Revenue, by way of computerizing and updating Land Records and also making the system citizen-centric, citizen-oriented.

- For the same GOI initiated Computerization of Land Records for all the states of the country in 1988-89, a scheme getting full financial-aid by GOI.

- Revenue Department, Gujarat has come a long way in conceptualizing and keenly driving this project, giving an edge to the e-governance initiatives of the state and at the same time catering to the needs of making the governance more smart, efficient, transparent and citizen-centric as far as revenue functions are concerned.

- The outcome of groundwork operations of Revenue department, which was experimented as pilot work in 1989, and since 1997, project activity would come forth in the form of a web-based (Presently accessed through Intranet-Gujarat State Wide Area Network)

- "Land Records Information System", which gives a direct, user-friendly interface to the citizens up to village level for getting all kind of information they want relating to their land holdings.

Land Records Information System-A citizen centric project

URL: http://10.24.33.150/lrc (presently on Intranet)

- Land records pertain to land holdings of citizens and are based on cadastral (Revenue purpose) survey. They collectively comprise of 18 village forms

- The web-based LRIS is a comprehensive, dynamic and user-friendly system that fetches

from database the data relating to above mentioned forms and aims at online delivery of Records of right to citizens and at the same time making Revenue administration more efficient and transparent. Major objectives of the system are highlighted below.

Objectives

- ✓ Issuing well printed copies of land holding documents to citizens
- ✓ Minimizing the tampering with revenue records
- ✓ Reducing litigations and expediting litigation process
- ✓ Ease of administration for District & Taluka offices
- ✓ Generating an array of customized reports for details of Land, Land
- ✓ Use, Crops taken, Source of Water, Type of Electrical Equipment fitted, and Trees etc.
- ✓ Linking Information Outlets with data made available through the system

Project Benefits

To Citizens

- ✓ People can get Well printed Copies of their Land holding documents.
- ✓ Tampering with revenue records can be minimized.
- ✓ People can get copy of Record of Right and Account holding at taluka level other than Talati (Village Officer).
- ✓ Farmer Book (Khedut Pothi) can be printed.
- ✓ Reduces Litigations and also helps expedite litigation process

To Revenue Administration

- ✓ Data retrieval and preparation of reports will be easier for District & Taluka Administration.
- ✓ Reports can be generated for Details of Land, Land Use, Crops taken, Source of Water, Type of Electrical Equipment fitted, Trees etc.
- ✓ GIS application can use these data to produce different maps.
- ✓ Agriculture Census will be by-product of Land Records Data.
- ✓ Information Outlets can be linked with these data.
- ✓ Easy Access of correct revenue information in time.
- ✓ Information will be used for District Planning.

Salient Features of the Project

A). User Friendly Interface

- ✓ The GUI for the system is quite user-friendly both in terms of
- ✓ Easy-to-use look and feel
- ✓ Display of Content – supporting local language.

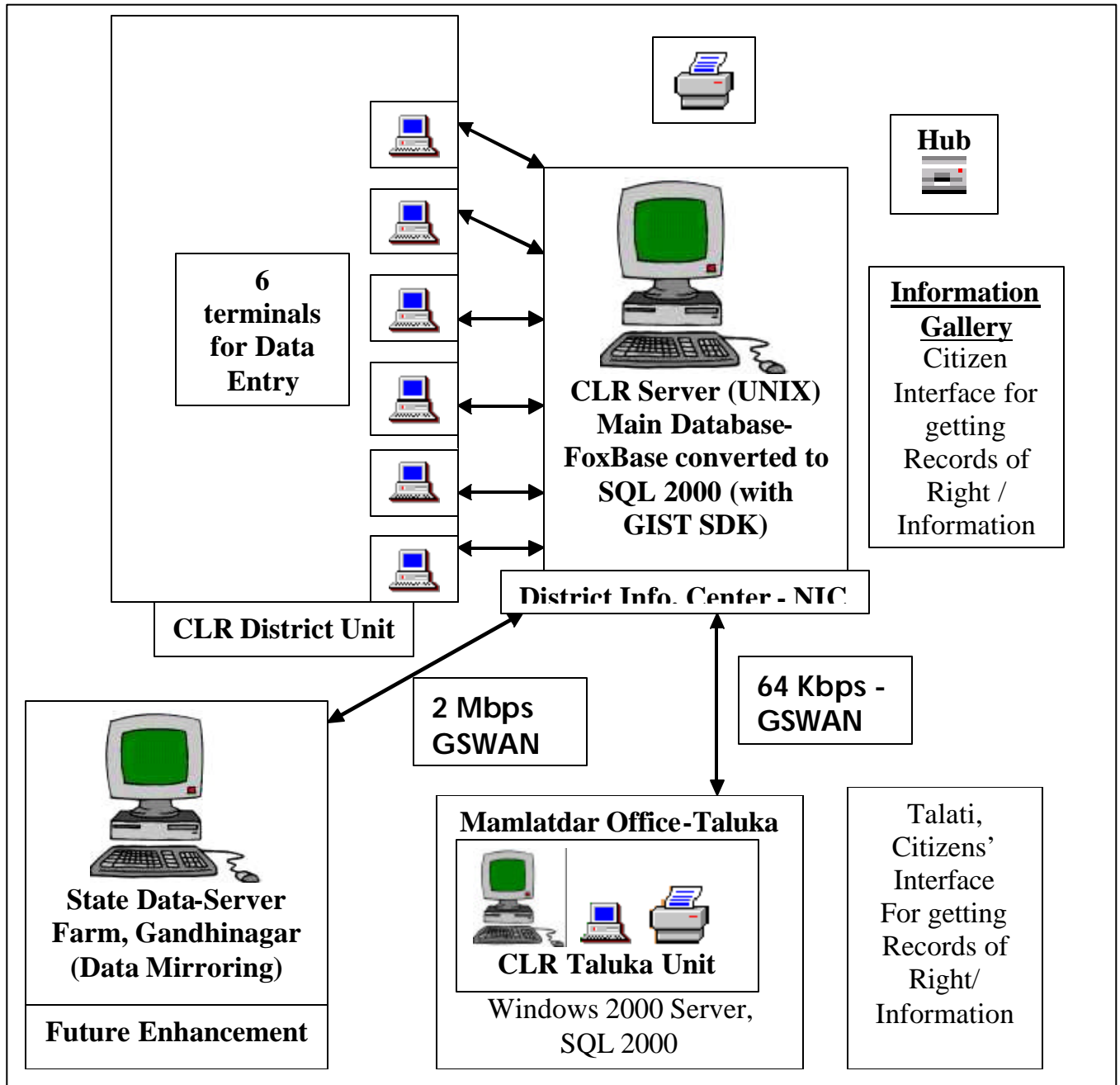### B). Generation of an array of customizes reports.

- ✓ The application provides a user-friendly interface for generating query-driven and ready-to-

assess reports, based on various parameters like:

- Survey Nos.
- Land Type
- Land Use
- Crop Type

- Tress
- Khata Nos.
- Irrigation details etc.

Project Infrastructure & Flow

6 terminals for Data Entry

CLR Server (UNIX) Main Database- FoxBase converted to SQL 2000 (with GIST SDK)

Hub

Information Gallery Citizen Interface for getting Records of Right / Information

CLR District Unit

District Info. Center - NIC

2 Mbps GSWAN

64 Kbps - GSWAN

State Data-Server Farm, Gandhinagar (Data Mirroring)

Future Enhancement

Mamlatdar Office-Taluka

CLR Taluka Unit

Windows 2000 Server, SQL 2000

Talati, Citizens' Interface For getting Records of Right/ Information

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eGovernance News

CM flags off Gyan Ganga project to connect villages through Information Kiosks in Gujarat

The Chief Minister of Gujarat, Shri Narendra Modi, flagged off the ambitious Gyan Ganga project on September 16, 2004, by inaugurating the project at Vadanagar in Mehsana district.

The Gyan Ganga project seeks to connect all the villages of Gujarat through Internet and harness IT for the benefit of rural populace. In a star-studded function attended by senior officials and leaders, the CM spoke to people in several other villages of the taluka through videoconference using special software, highlighting how technology can impact the lives of rural people.

GIL has signed an agreement with n-Logue Communications Pvt. Ltd for setting up 15 projects across the state of Gujarat on 5^h August 2003. Projects have already been commissioned in five talukas (100 villages) and plan to connect another 10 talukas (including 4 talukas in tribal areas). It is further plan to connect 1000 villages by December 04.

This initiative is named as "Gyan Ganga" where the public and private sector together have joined hands for a noble and worthy cause of enhancing the quality of life of the villagers in Gujarat by providing Rural Connectivity and services i.e. to address Digital Divide. The project deploys the corDECT technology, which uses Wireless in Local Loop (WLL) to connect all villages in the 25 Kms radius.

This project will usher in a new era of IT empowered rural Gujarat and help in pushing up the development indicators faster.

TCS Ltd. is going to set up Development Center At Info city Gandhinagar.

Tata Consultancy Services Ltd. is going to set up Development Center very soon in the State of Gujarat by acquiring about 20 acres of land at Info city Gandhinagar. Shri S. Ramadorai, M.D., Tata Consultancy Services Ltd., met the Chief Minister of Gujarat Shri Narendra Modi, on 17th September 2004 and conveyed the above decision.

This was a historic moment for the State of Gujarat as many were citing the absence of major IT players in the state for slow growth of IT Sector. It is expected that full-fledged development center would be operational in its own premises having the state of the art infrastructure facilities within 18 months. However, very shortly, TCS would expand its

operation in Gujarat by hiring infrastructure available in Ahmedabad- Gandhinagar. This would give employment opportunity to about 2000 young IT Professionals and 10,000 other people engaged in related support services over a period of 2 years.

Shri Narendra Modi, while welcoming Shri S. Ramadorai, assured the fullest support and co-operation of the State Government for this endeavor. He informed that the presence of TCS – the world-leading Information Technology organization as an anchor investor in the state of Gujarat would boost the development of IT industry in the state.

While giving open invitation to the Captains of IT Industry in the State of Gujarat, Shri Modi further stated that Gujarat is the Land of Returns and conducive and business friendly environment of the state ensures maximum return on investments.

e-Nagarpalika Implementation in Local Civic Bodies

The aim of e-Nagarpalika project is to cover all 141 Nagarpalika as eGoverned Nagarpalikas.

In consultation with Principal Secretary, UDD and Secretary (DST), GIL has prepared a General Guidelines for implementation of this project in all 141 Nagarpalikas. This guideline provides list of services, Hardware and application Software Requirement, Training and Data Entry support, Estimated cost of implementation of eGovernance solution.

The process study in detail has been undertaken and with the help of three currently working agencies for Nagarpalikas, common S/W has been developed with documentation in Gujarati.

The application software CDs with operation manual & Software Installation Steps have been distributed to all Nagarpalika without any charges. 50 Nagarpalikas completed eGovernance activities till today. The number of Nagarpalikas expected to be completed by 31st October is 42 and Nagarpalikas expected to be completed by 31st December is 49.

The achievements of e-Nagarpalika are that it increased revenue in Vejalpur (1 crore to 4 crore) and in Mahesana (2 crore to 4 crore). It increased speed in getting certificates and records. The other benefits of e-Nagarpalika are: Online grievance redressal, Convenience to citizens and online information on infrastructure facility projects and tenders.

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Web Corner

Singapore Government Website
http://www.gov.sg/

Australia Government Website
http://www.australia.gov.au/

Canada Government Website
http://canada.gc.ca/main_e.html

Please look out for this section for URLs of Government websites

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