ICT Shines in the Sun City
Computerization Of Jodhpur Development Authority

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Jodhpur Development Authority (JDA) was established with the objective of providing basic infrastructure in Jodhpur district to meet the ever- growing demand of public and carry out continuous improvement in the city. NIC Jodhpur Centre is providing remarkable ICT support and services to the Authority and has been instrumental in JDA computerization.

Jodhpur Development Authority (JDA) was established with a vision of planned, holistic and inclusive development of Jodhpur. These include providing basic infrastructure and amenities to the growing public's common needs. The district covers 4360 Sq. Kms. and 395 villages under its jurisdiction.

The NIC District Centre, Jodhpur set up during the year 1988, has been instrumental in providing ICT based e-Governance products and services for the District administration, Rajasthan High Court, District Court and other Government Departments for implementing initiatives of JDA. In April 1996, the Centre started functioning at an independent building of the District Collectorate. The tech-nical infrastructure available for the centre includes two high end Servers, 10 Client machines, high-end MFP, 10 KVA UPS and connectivity of 4 Mbps (BSNL) lease line.

ICT BASED SERVICES BY NIC

The ICT based services by NIC District Centre-Jodhpur under the JDA computerization project in a planned and time bound manner are:

- **Design & development of web portal**

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Homepage of JDA webportal (http://www.jodhpurjda.org)
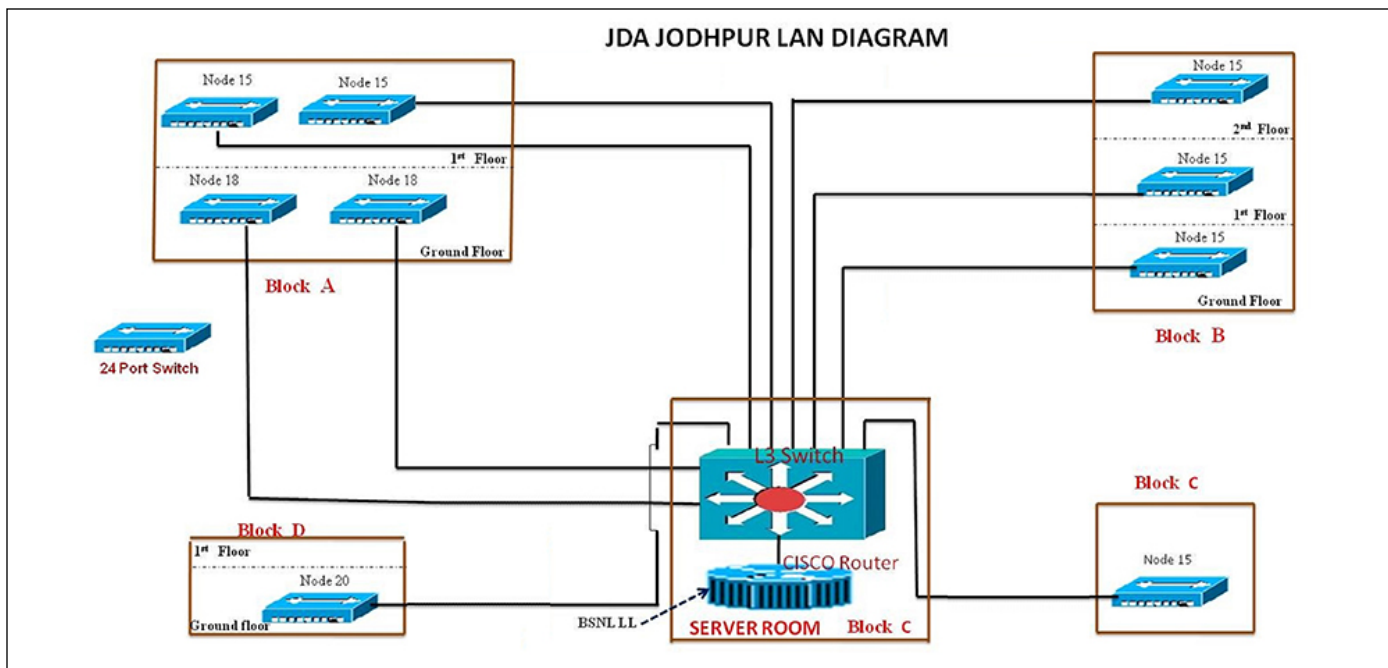
JDA JODHPUR LAN DIAGRAM

Diagram of LAN of JDA, Jodhpur

- **Design & establishment of Local Area Network**
- **Development of Office Automation Software**
- **Procurement & installation of Hardware - Networking equipments**
- **Establishment of 4-Mbps (BSNL) lease line**

WEB PORTAL OF JDA
Features & Technology
Hosted at NIC Data Centre New Delhi, the portal provides regularly updated information such as Online Lease Defaulter List, Online Property Register, Online Land Bank, Online CCC application status, JDA e-Newsletter, JDA Circulars & Orders, Acts & Rules, Telephone Directory, Zone wise Maps, Auctions, Tenders, Lottery Results of Schemes, Application Forms, Master Plan, Minutes of Meetings etc. The Portal has been developed using Core PHP with MySql Database and Apache Web Server.

LOCAL AREA NETWORK (LAN)
NIC-Jodhpur has provided technical support for establishing LAN in the JDA building, which consists of four Blocks. The LAN has been linked up with BSNL's 4 Mbps Lease Line.

OFFICE AUTOMATION
The systems & IT Applications implemented by NIC Jodhpur for establishing office automation of JDA are:

SINGLE WINDOW SYSTEM
o **Citizens Care Centre**- deals with all citizen services such as issuance of Lease Deed, Lease Exemption Certificate, Name transfer, NOCs for Loans, Certified Copy, Sale Permission, Lease Issuance under 90A Regulation, Map Approvals, RTI and Layout Plan approval.

o **Cash Collection System**- is used

A busy day at NIC-JDA Cell

to collect cash, DD and cheques received under various revenue heads and linked with Lease Management System for auto lease updating.

o **Lease Monitoring System**- is a web-based application to facilitate scheme-wise lease information. It generates various ledger and demand notes such as one-time lease, yearly lease, transfer etc. It is also linked with property register and cash collection, which ensure auto updating of lease records with transaction details.

o **Files & Letter Monitoring System** is to facilitate tracing of files and documents within JDA, its Zones and Sections. NIC Rajasthan State Unit has developed this system.

DOUBLE ENTRY ACCOUNTING SYSTEM

System modules include Bank Challan, Budget, Work Order Form for Contractors, FVC Bills, Purchase & Journal Vouchers, Cheques Entry & Printing, Cash Book, Bank Reconciliation, various MIS Reports, Monthly Progress Report and Contractor Ledger.

• Property Register- is to maintain complete data of schemes, allottee-wise. It also facilitates to track duplicity in allocation of plots.

• **90A Application**- to process and monitor 90A application.

• **Files Scanning & Management System**- is to scan all type of files, which can be retrieved, based on entered parameters. The system generates slips for pasting on physical file.

• **Pay Manager**- is an online system developed by NIC Rajasthan State Unit, implemented to prepare pay bill to employees. The software also facilitates preparation of DA Arrears, Bonus, and Salary Arrear Bills.

• **Court Case Management System**- monitors all type of court cases. It generates a list of pending cases till a particular date besides the other MIS reports.

• **File Tracking System**- helps in tracking the movement of files and facilitates users to maintain a consistent watch over the movement of important documents during the process of decision-making.

• **Scheme Management System**- maintains information of applicants of various housing schemes of JDA such as lottery slip, sector wise plot detail, allotment status reports, refunded applicant details, allotment letter etc.

• **e-News Letter**- is a monthly publication to disseminate various activities of JDA.

• **SIM (Mobile Phone) Management System**- maintain details, tracking of all issued JDA CUG mobile SIMS and payment of bills.

• **Local Technical Complaint Management System**- is used to manage and settle technical complaints of various sections and zones.

• **Operator Attendance System**- is designed to keep records of attendance and track the job time of operators. MIS reports are also generated.

• **Important Dak Management System**- is to monitor redressal of important letters in stipulated time. The system handles queries and generates various MIS reports.

• **Online Citizen Services**- includes Building Permission, Lease Defaulter & Lease Ledger, Property Register, Citizen Care Centre Status, Land Bank etc.

• **e-Procurement System** (https://eproc.rajasthan.gov.in/)- developed by NIC Rajasthan State Unit for the process of procurement of items electronically to bring transparency, reduce tendering cycle time and most of the indirect costs besides the facilitation to upload various tenders from different zones with digital signatures.

• **Rajasthan State Public Procurement Portal** (http://sppp.rajasthan.gov.in), developed by NIC Rajasthan State Unit publishes documents, amendments, clarifications etc. related to various procurements in the State.

FUTURE PLANS

Software applications developed for JDA are proposed for rollout in UIT Udaipur and Kota after necessary customizations. Following are the near future activities planned:

1. GIS implementation for JDA property & Projects
2. Online Name Transfer
3. Online Lease Exemption Certificate
4. Online Project Management
5. Cashless System for services of JDA