

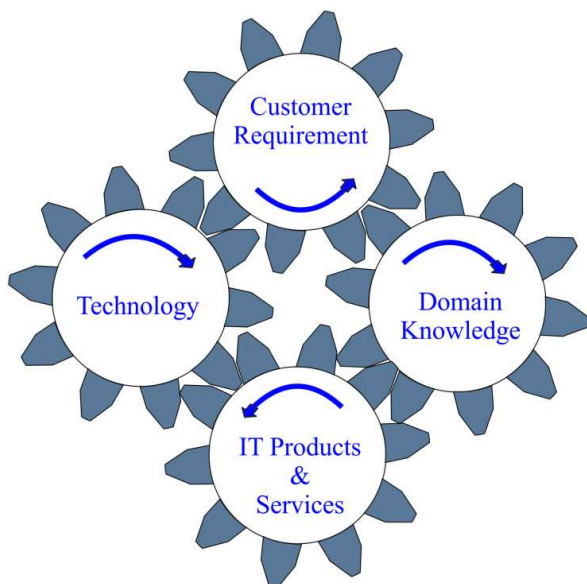
INFORMATION TECHNOLOGY DIVISION



The Information Technology (IT) Division of the Company caters to the software and service requirements for the following business areas for the complete System Development Life Cycle (SDLC) of the products.

- Electoral Roll Management
- Digitization of Documents
- Pre-Post Examination Activities
- Dairy IT business,
- Banking & Financial business,
- e-Governance applications,
- Applications on Handheld computers,
- Education & Training Business and
- In-house requirements.

The IT division keeps acquiring and updating its manpower, domain knowledge, infrastructure and service network for serving its customers and associated areas of operations.



The experience of the Company in the Cooperative, e-Governance sector has further enriched its experience in the corresponding business areas.

The wide-ranging development platforms, IT solution architectures and manpower skills are

regularly updated for development requirements including Android/iOS Mobile App, SQL server, Oracle, MVC/ASP.net, Visual Studio, Assembly programming, Product interfacing, Data processors, RFID tags, Smart cards, Handheld Computers etc..

The Enterprise business, e-Governance product development, Banking & Financial business, digitization of documents/film-negatives, handheld computing and Education & Training business, are operated from the REILHOUSE premises of the Company, located at Mansarovar, Jaipur.



The Dairy-IT group functions in close coordination with the Electronics division and operate from the Company Head Quarter at Kanakpura Industrial Area, Jaipur.

The IT infrastructure at both locations includes high-end servers, various operating systems, RDBMS, contemporary development platforms, nodes, structured networking, high bandwidth connectivity, uninterrupted conditioned power managed in a modular, hygienic, state-of-the-art set-up comprising of Development area, Server room, Computer lab, Class room, Faculty/Staff room, Library, Meeting room, Visitors room etc. The data centre is connected with 8 Mbps fiber redundant lease line with latest technology firewall

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"Shaping rural India through Electronics, Renewable Energy & IT Solution"

Electoral Roll Management System

REIL has introduced an integrated solution for online preparation of ward wise voter list for panchayat raj institutions and ward part wise voter list for Urban Local Body. The Integrated Solution has following salient features:

- Software access user credential for Panchayat Samiti, Urban Local Body, District Office, State Level Office
- Separate work progress monitoring dashboard for Panchayat Samiti, Urban Local Body, District Office, State Level Office.
- Gram Panchayat ward creation, ward detail like gram panchayat name, tahsil, district, ward area description, ward map updation facility.
- Ward wise/ Ward part wise polling booth for configuration for gram panchayat/Urban Local body.
- Section detail addition/updation
- ECI Assembly constituency's voters versus gram panchayat ward area mapping configuration.
- ECI Assembly constituency's voters versus Urban Local Body ward part area mapping configuration.
- Viewing remaining voters in any assembly constituency part after mapping.
- Viewing Draft voter list.
- Publication of Draft Voter List & uploading on official website.
- Online updation of claim & objections on draft voter list.
- Publication of Final Voter List & uploading on official website.
- Gram Panchayat/ ULB wise online monitoring for electoral roll preparation.
- Electoral Roll Statistics like ward/gram panchayat/panchayat samiti/zila parishad/ULB/district/state wise total male, female and others voters, female voters.
- Polling Station wise total male, female voters.
- Age cohort report etc.
- MIS like Gram Panchayat wise total ward, panchayat samiti wise total constituencies, Zila Parishad wise total constituencies etc.



Digitization of Documents/Film-Negatives

- Setting up digital lab
- Identification of documents for digitization in lots
- Issue of documents
- Categorization and Preparation of document for digitization
- Batch preparation of document for bulk digitization
- Scanning of document
- Quality check of digitized file
- Metadata preparation
- Return of document
- Document management software (DMS) for viewing the digitized file
- Posting of meta data and digitized file to the DMS application
- Training and Handholding on Application developed



Examination Activities

REIL has introduced **"Open School Examination Management System (OSEMS)"** covers computerization of the online/offline activities performed during Student Registration, Pre-examination & Post-examination activities.

Pre-Examination:

- Nominal Roll
- Subject wise Attendance
- Subject wise List
- photo attendance sheet
- Practical Award List

Post-Examination

- Punching, Scanning and verifications of award lists (Practical & Theory)
- Conversion of scanned data in Database format.
- Providing of sticker sheets with fictitious number
- Printing of fictitious Roll Number on OMR Sheet, Centre Wise & Subject Wise.
- Printing Summary of Subject Wise/Centre Wise OMR Foil No.
- Result Processing Activities



Bill Tracking System

Bill Tracking System is web based software for tracking of bills /Invoices of contractors/

Suppliers/ Service providers. This system enhances the transparency in the processing and settlement of bills /Invoices of vendors. The stake holders in Bill Tracking System are:

- Finance & Account Division
- Material Management Division
- Inward Store
- QC Division
- Contractors/ Suppliers/ Service providers

Bill Tracking System enables the vendor and agencies to see their bill status with dates through various stages of processing of bills, the stage at which it is lying, the amount for which it is passed and other details. The history feature is also available so that a vendor can see the history of the bills submitted.

Milk & Milk Products Sale/Billing Terminal

The Milk Delivery Terminal (MDT) is a Hand Held Computer, in which the program is stored along with all the relevant data, for transactions during the journey of Delivery Van of a Dairy Plant to deliver milk and milk products for sale at the respective outlets, and book orders for delivery in the shifts on the next day.

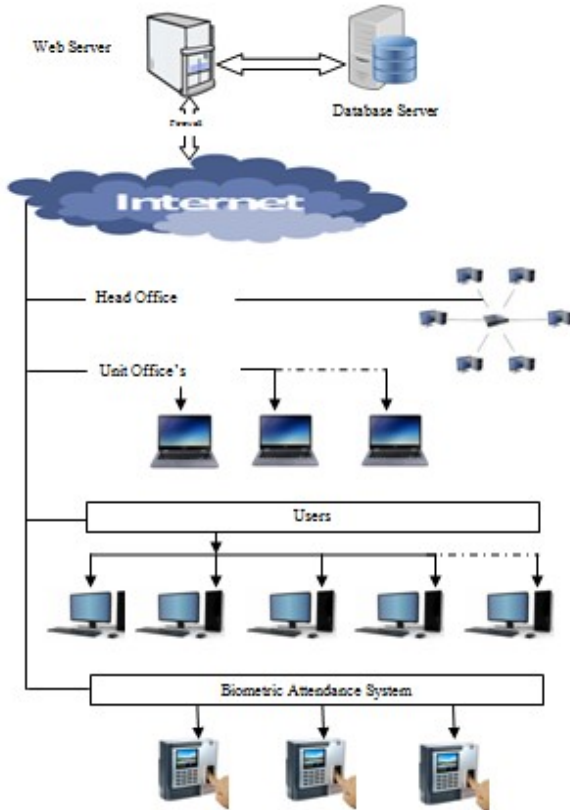


- An ideal substitute to the manual system
- User-access-control and password protection
- Instant calculation and recording of transactions
- Print product-delivery reports
- Perform products order-booking
- Perform collection of payments
- Perform trays delivery and receipt transactions
- Agent credit-limit based operation

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Online HRMS/Biometric Attendance



REIL has in-house developed online Human Resource Module integrated with Biometric Attendance System. The Integrated Solution has following salient features:

- User Management
- Employee Data Management from entry to exit.
 - ✓ Employee Recruitment Detail
 - ✓ Employee & Family Detail
 - ✓ Posting Detail
 - ✓ Increment Details
 - ✓ Transfer Detail
 - ✓ Talent Management etc.
- Online Leave Management System
- Payroll Management – Salary Processing
- Online EL Encashment
- Online TA Application Approval
- Online Recruitment Portal
- Online ACR/APAR Management System
- Integrated with Biometric Attendance System
- Circular Management

Small Business Application

REIL provides the customized business software solution for small business organization. The solutions are as:

- Biometric Attendance with Leave Management
- Human Resource System
- Materials Procurement System
- Inventory Management System
- Manufacturing Management System
- Finance & Accounts Information System
- Marketing & Sales Information System
- Employee Payroll System
- After Sales Service & Support Information System

Gaushala Registration-AID-Mgmt. System

REIL provides the integrated online web based application software for Directorate of Gopalan. The solutions contains following:

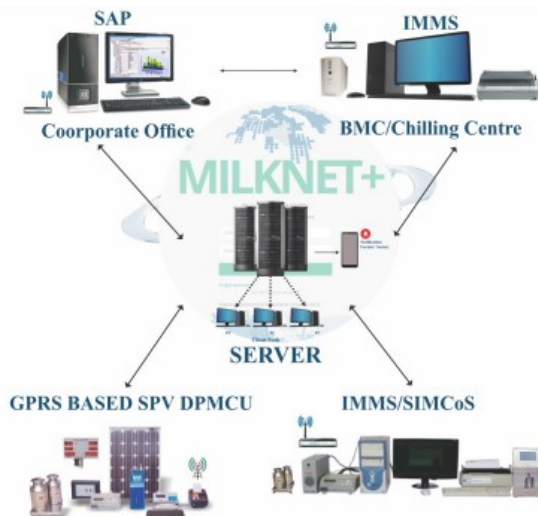
- Online Gaushala Registration application
- Online AID application, processing and direct AID transfer to Gaushala Bank account
- Inspection Report
- Monthly Progress Report
- Management Information System
- Bulk SMS and e-mail service
- Interfacing of application to various third party gateways including Single Sign On (SSO) of DoIT, Raj e-Signature of DoIT, NIC Pay Manager, SMCDH of DoIT, Raj SMS gateway of DoIT

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Dairy IT business applications:

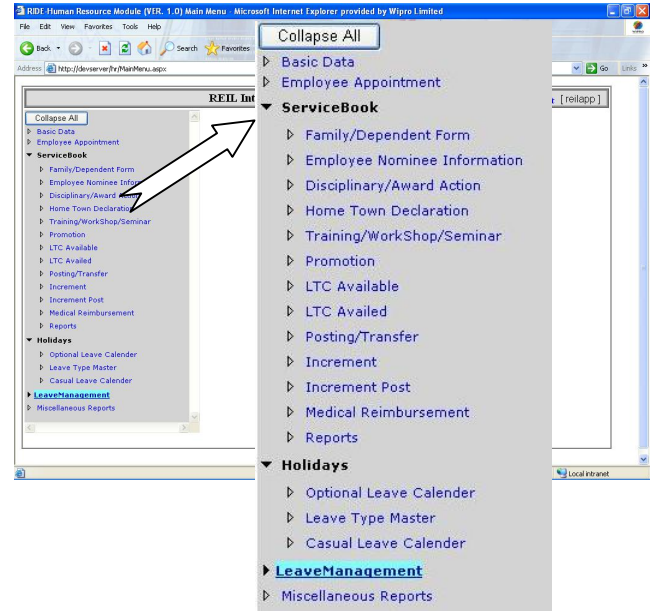
- Online Milk Procurement - MilkNet for Milk Union and Dairy Federation
- Tanker Management System
- Data Processor based Milk Collection Station
- PC based Milk Collection Stations
- Society Accounts Management System (SAMS)
- Smart Automatic Milk Collection Unit
- RFID based Animal Data Management system
- Raw Milk Reception Dock (RMRD) automation system
- Integrated Milk Management System (IMMS)
- Web enabled Dairy Business Information System
- Supervisory Control And Data Acquisition (SCADA)



Dairy ERP

- Chilling Centre application
- Milk Procurement application
- Cooperative support application
- Production application
- Sales & Distribution application

- Purchase & Inventory application
- Financial accounting application
- Human Resources application
- CPF accounting application
- MIS module



Banking & Financial applications

- Core Banking Solution
- Investment & Loan accounting software
- Financial Accounting software
- Debenture/Flotation application
- Loan Management application
- Loan Disbursement application
- Loan Recovery application

e-Governance applications

- Solar PV Monitoring system at BNRGSK for RD&PRD, Rajasthan
- State Level Agency (SLA) for ERMS and EPIC data management
- Electoral Photo Identity (ELID) software
- Electoral Photo Identity Cards (EPIC)

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INFORMATION TECHNOLOGY DIVISION



- Smart card based Attendance system
- SMS, Web portal and Call centre based Voters Query Response system
- PSTN and Blue-tooth phone dialler
- State Level Communication Centre
- District Level Communication Centre
- Access Control system (ACS)
- Vehicle Tracking System (VTS)
- IVRS (PSTN) Grievance management system
- IVRS (ISDN) based VAT declaration system
- SMS based VAT declaration system



Applications on Hand Held Computer

- Electronic Ticketing Machine (ETM)
- Electronic Parking Machine (EPM)
- Milk Delivery Terminal (MDT)
- Mobile Recovery Terminal for (MRT) PACS
- Spot Billing cum Revenue Collection Machine
- PoS Terminals for Milk booths
- Traffic Offence Recording system (TORS)
- House Tax Collection terminal
- Veterinary Services Terminal (VST)
- Field data collection and recording system



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Video-Conferencing Solution

REIL provides the complete integrated Video Conferencing solution for virtual meeting, webinar, conference etc on digital platform. The components of the solutions are:

- Smart Interactive Flat Panel with touch
- Commercial Display Board
- Pan-Tilt-Zoom (PTZ) camera
- Unidirectional mic system
- Chairman cum Delegate system
- Speakers, Mixture etc.
- Application software for managing On-line Meeting, Webinar, Conferences etc. over the cloud.

Smart Classroom Solution

REIL provides the Online Live Virtual Classes/Video Collaboration integrated solution in a single box for education sector. Main feature of this solutions are:

- Two Way Live Audio Video Collaboration allows participants/students to conduct meetings/classes through audio-video enabled platform

- Webinar/Webcast allows presenter / teacher to address a large group of participants / students with raise hand option for the effective interaction
- Live Streaming allows broadcasting a session unidirectional across the institution



Skill Development/Training

- Training under Skill India program
- MoU with ILD for skill related training
- IT Industrial training for Engineering students
- Embedded software training programs
- Customer training programs
- Customized training programs



Hardware Solution

REIL also design, setup and provides hardware solution for the offices. The hardware solution comprises of Desktop Systems, Server Systems, printers, scanners, active and passive components etc. as per the requirement

Software Development Centre

The Company has developed a state of art infrastructure and setup software development center at its premises. The facilities are equipped with the entire latest IT infrastructure with high speed Internet leased line on fiber backbone, Cisco managed switches, Firewalls and other components and keeps upgrading.

The Company is having experience Software Development Engineers having expertise on various development platforms and vast Domain knowledge.



The Company provides turnkey solution as per the need and requirement of the customers. The Company follows Software Development Life Cycle (SDLC) to carry out any IT projects.

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A Well Earned 'MINI RATNA'

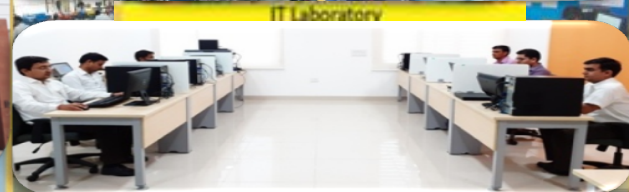
A status conferred in the year 1997 by Department of Public Enterprises,
Ministry of Heavy Industries & Public Enterprises, Government of India



REIL House (Information Technology, Education, Training Research & Development Center)



IT Laboratory



Automatic SPV Module Line



Registered Office

Regional Office

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