

RajCOMP Info Services Limited

Regd. Office, 1st Floor, Yojana Bhawan, Tilak Marg,
C-Scheme, Jaipur – 302005

9th ANNUAL REPORT 2018-19

RajCOMP Info Services Ltd.

DIRECTORS' REPORT

To the Members,

Your Directors have great pleasure in presenting the **Ninth Annual Report** on the business and operations of the Company together with the Audited Statement of Accounts and Auditors Report of your Company for the financial year ended 31st March, 2019.

1. Highlights of the Year

The Company during its Eighth year of commercial operations earned net profit of Rs. 13.64 crores. The revenue from operations amounts to Rs. 187.94 crores in financial year 2018-19, as compared to revenue of Rs. 129.92 crores in the last year as during the period under review revenue from services rendered under Online Recruitment, State Data Centre Expansion, RajNET, CSC/E-Mitra and Establishment of Command and Control Centre has been increased.

During the year, IT enabled e - Mitra kiosks (urban and rural) established under the e-Mitra project have reached to 65000 and about 14000 e – Mitra plus kiosks have been installed across the state. Further, more than 500 **(G2C & B2C) services** of around **80 Line Departments** are being provided through e-Mitra kiosks across the state.

Since inception, the e-Procurement application in Rajasthan has been implemented across 220 State Government Departments/PSUs and more than 2,43,019 tenders amounting to Rs.5,21,684 crores have been floated through this system successfully till date.

2. Financial Review

The summarized financial results for the year ended 31st March, 2018 are as under:

(Rs. in Lacs)

Particular	Current Year 2018-19	Previous Year 2017-18
Revenue from Operations	18793.79	12992.63
Other Income	462.25	1008.18

RajCOMP Info Services Ltd.

Total Income	19256.04	14000.81
Expenses	17847.26	12441.39
Profit before depreciation, interest and tax	1408.79	2309.97
Less: i) Depreciation ii) Interest	671.67	89.99
Profit/ (Loss) for the period	737.12	1469.44
Add/Less: Prior period credits/ expenses	(1108.52)	321.41
Profit/ (Loss) before tax	1845.63	1002.08
Less: Provision for Tax	397.00	350.00
Less: Prior Period Tax	171.48	334.75
Profit / (Loss) after tax	1377.72	328.84
Appropriations	-	-

1. The Revenue from operation during financial year 2018-19 is Rs. 187.94 crores as compared to revenue of Rs. 129.92 crores of previous financial year.

2. The increase is mainly on account of increase in revenue from services provided through Online Recruitment, State Data Centre Expansion, RajNET and CSC/E-Mitra kiosks across the state and Establishment of Command and Control Centre.

3. The expenditure incurred during financial year 2018-19 is Rs. 178.47 crores as compared to last financial year's expenditure of Rs. 124.41 crores on account of increase in expenses incurred on hiring of experts for providing consultancy under the various projects being implemented by RISL.

3. Dividend

The Board of Directors feel that it is prudent to plough back the profits for financing and developing the projects of the Company and do not recommend dividend for the financial year ended on 31st March, 2019.

RajCOMP Info Services Ltd.

4. Projects

RISL takes up the activities of implementing various e – Governance projects across the State and Capacity building of the IT area on behalf of Government Departments/ Organization (users). The Company is engaged in following projects:

I. State Data Centre

The Government of Rajasthan recognized the potential of Information and Communication Technology (ICT) for rapid and all round development in general and transforming governance in particular. It was envisioned to make Government services accessible to the common man in his locality, through common service delivery outlets and ensure efficiency, transparency & reliability of such services at affordable costs to realize the basic needs of the common man. It needs to develop the core and other supporting infrastructure for sustaining e- Governance initiatives across the State.

RajCOMP Info Services Ltd.

Keeping in view of above objectives, the Department of Information Technology & Communication (DoIT&C) had set up four subsequent Data Centres at different intervals as per requirements to provide efficient electronic service delivery of G2G, G2C and G2B services, to enable various State departments to host their services/applications on a common infrastructure leading to ease of integration and efficient management, ensuring that computing resources and the support connectivity

Phases	Location	Approx. Server Farm Area	Rack Space	Date of start of operations
Phase - 1 (under NEGP)	1st Floor, IT building, YojanaBhawan, Jaipur	1700 sq. ft	43	27-06-2011
Phase - II (E-Sign)	New Library Building, Secretariat, Jaipur	400 sq. ft	15	15-07-2015
Phase1 - III (State Fund)	3rd Floor, YojanaBhawan, Jaipur	2050 sq. ft	81	15-12-2015
DR Site Jodhpur	Arora Circle, Jodhpur	2500 Sq.Ft.	80	27-07-2018
Phase - IV	Jhalana Institutional area, Jaipur	36000 sq. ft	600	Construction Completed Teir-IV certification in progress

infrastructure is adequately and optimally used, to provide better operations & management control, to minimize overall cost of Data Management, IT Management and Deployment through use of common infrastructure. All the Data Centers are integrated and in operation. Details of the present data centres are as below:

All the IT services are being provided and maintained from the above Data Centres as primary resource i.e. primary site. All the record keeping of Government functioning is being maintained digitally at the primary site and size of applications and data is gradually increasing. Therefore, Hon'ble CM

RajCOMP Info Services Ltd.

had announced at the floor of house in 2016-17 budget speech to set up a new independent Data center including building to meet the vision of the Government for IT enablement. In the compliance of budget announcement, a 2B+G+5 floor building has been constructed. The commissioning of Data Center for 600 Racks (4 PODs each of 150 racks) is under progress and it would be made functional after Tier-IV certification and migration of IT services and hardware from P1, P2, & P3 to P4.

Keeping in view some unforeseen disaster strikes at the primary sites, Disaster recovery planning is essentially required for business continuity. It includes planning for resumption of applications, data, hardware, electronic communications (such as networking) and other IT infrastructure and it refers to the disaster recovery plan (DRP) for IT related infrastructure recovery and continuity. Therefore, a secondary site is required at remote place and far away from primary sites as a subset of IT infrastructure to plug in and start running so that there is no business disruption. Keeping in view these facts, Hon'ble CM had announced at the floor of house in 2017-18 budget speech to set up Disaster Recovery (DR) Site at Jodhpur. In the compliance of budget announcement, a new DR Site including building G+2 has been established and made operational at Jodhpur and inaugurated on 27-07-2018 by Hon'ble CM at the occasion of Digi Fest, Bikaner. Most of the critical databases are being replicated at DR site.

II. e-Mitra

To meet out the objective of providing Government services to the residents of the state close to their doorsteps, more than 65000 IT enabled e-Mitra kiosks (urban and rural) have been set up across the state covering most of the Gram Panchayat.

Features

- Anytime-Anywhere-Service (different platforms like web, mobile, kiosk) reducing cost of travel and saves time.
- Reduced footfall in government offices, with service delivery closer-to-home

RajCOMP Info Services Ltd.

- Empower women by providing them business opportunities, generate employment opportunities for people till grass roots
- Service delivery on FIFO (First in-First out) basis
- Easy record keeping/online document management system
- Time-bound Service Delivery

Current status of the e-Mitra kiosks:

- Operational Kiosks (Urban) : 22000
- Operational Kiosks (Rural) : 43000 (min 1 Kiosk/GP)
- VC enabled kiosks : 44000
- Kiosks shifted in BNRGSKs covering all GPs : 9000
- No. of services : 500+
- Transactions per month : 60-70 Lakhs
- Monthly Revenue Collection : 550 Crores

Project partners: Many stakeholders are providing support for implementation of the project.

S. No	Association with e- Mitra as	Service Provider
1	Local Service providers (LSPs)-: for kiosk management	63+ Private service providers
2	Technology partner (Application Development & FMS)	<ul style="list-style-type: none"> • M/s Wipro Ltd • M/s Mindtree Ltd & M/s UTIITSL (earlier development partners)
3	Banks (fund transfer)*	<ul style="list-style-type: none"> • Payment Gateway: ICICI, HDFC, Axis, SBBJ, BOB, PNB, UBI, YES • Payment Gateway Aggregator: Billdesk, PayU, PayTm, SBI ePay, Kotak Mahindra Bank • Mobile wallets: PayTm • Digital / Mobile Wallet Aggregator: Billdesk
4	Chartered Accountant (Accounts reconciliation)	<ul style="list-style-type: none"> • M/s D R Mehnot • M/s SSinghal & Co.

RajCOMP Info Services Ltd.

		(earlier partner)
5	Supplier for Pre-printed Stationery	<ul style="list-style-type: none">• M/s KumbhatHolographics Ltd• M/s Jaipur Printers Pvt. Ltd.• M/s Elite Stationery Pvt Ltd (Earlier partner)

More than 500 services of various Government/semi-government and private sector are being delivered through this robust platform.

Types of Services:

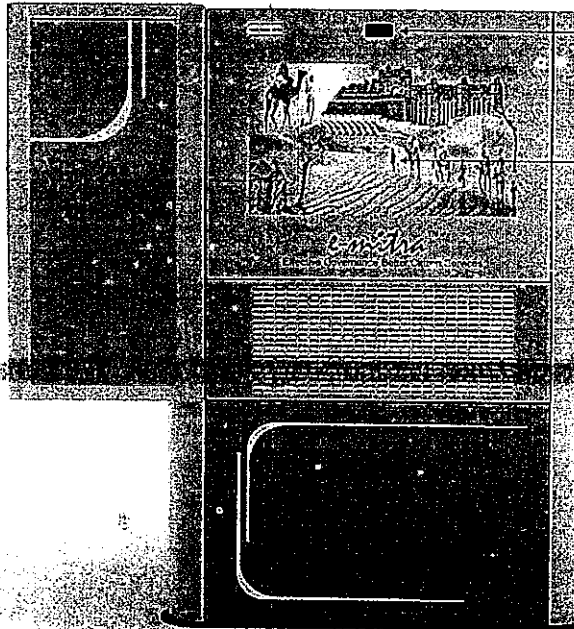
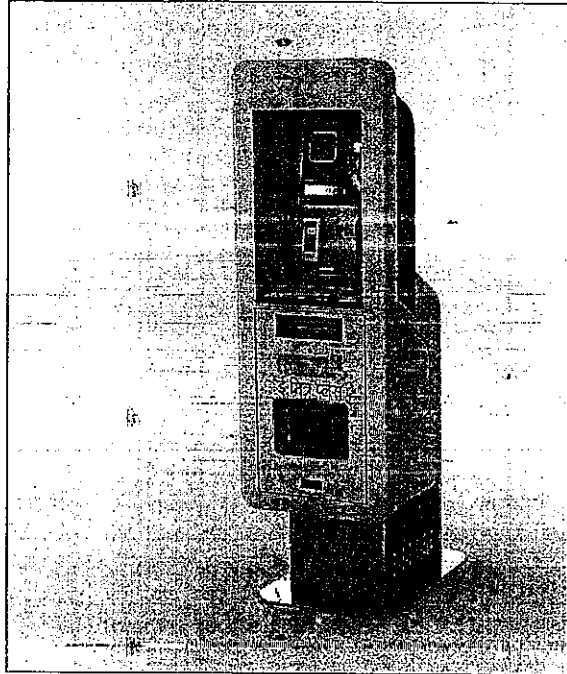
- Utilities
- Application Workflow
- e-Commerce
- Consultancy
- Banking (Direct Money Transfer)
- Video Conference

Major New Initiatives under the project are as under:

1. e-Mitra Plus

Extension of e-Mitra - e-Mitra Plus is an unmanned interactive self-service kiosk. Government of Rajasthan (GoR) has installed "e-Mitra Plus", also called SERVICE ATM, in Government Agencies / Organizations or public places for creation of ecosystem with automated service delivery to the residents of State. 9448 machines have been installed in rural areas while 4429 machines have been installed in urban areas of the State.

RajCOMP Info Services Ltd.



2. Circular at the level of Chief Secretary

Reiterating the mandate to route application submission & fee deposition for all recruitments & academic services in State through e-Mitra only.

3 IRCTC – Rail Ticket booking service will soon be available for e-Mitra kiosks. Integration is in process.

4. Archaeological Survey of India – Ticket booking for monuments of Rajasthan will soon be available on e-Mitra platform.

5. CSC-SPV – Discussions are on for on-boarding of services of CSC e-Governance Services India Ltd.

III. e-Procurement

As part of overall e-Governance initiatives and State Government commitment to enhance transparency in its functioning, State Government has implemented e-Procurement for public procurement to be used by all government organizations in the State including the Public Sector undertakings (PSUs).

The Project has brought a revolution in the Government procurement process, as fair and fear free tendering process allows equal opportunities to all vendors. It minimizes the chances of corruption, reduces the overall cycle time and prevents cartel formation, thus giving better value for money.

Since the inception of e-Procurement in Rajasthan in October 2011, the project has seen phenomenal success, having started with four major departments, the system is now used by more than 220 State Government Departments/ PSUs. The line departments have successfully processes more than 2,43,019 tenders amounting to more than Rs. 5,21,684 Crores.

RajCOMP Info Services Ltd.

IV. Centralized Water Information Management System / Water and Effluent Monitoring System using SCADA

Brief Description of the initiatives:

Water is an essential natural resource for human existence. Water demand is directly proportional to the population of the State. Water demand continues to rise with rise in population. The demand already exceeds supply in many parts of the State. Public awareness about the importance of preserving water for ecosystem services in the rural areas had existed but its importance has been only recently emerged in the urban areas as during the 20th century, the wetlands are being lost. The present available water sources are not sufficient to meet the demand of enormously increasing population by the year 2050.

This water scarcity is spreading across India, smothering idyllic villages and high-rise city habitats in equal measure. No Indian city supplies 24x7 drinkable water to all of its residents. In many cities of the country, water scarcity has reached crisis levels and in Delhi, every summer brings intense water scarcity for the disadvantaged sections. The indiscriminate withdrawal of underground water has led India to showing an annual groundwater usage that is more than the combined usage by the US and China. If the current trends continue, by 2030 nearly 60% of Indian aquifers will be in a critical condition. This means that some 25% of the agricultural production will be at risk - a devastating scenario.

India's cities are teetering on the brink of an unimaginable water crisis because of unplanned growth and low priority to provision of safe drinking water. Loss due to leaks in the supply systems and wasteful consumption practices pose a serious and untackled problem. Cities also symbolise the injustice of water distribution with well-heeled localities getting as much as 6-8 times more water than the poorer localities. A mix of traditional and modern technologies needs to be urgently put in place to tackle State's impending water crisis.

The planning and design of water supply network requires great attention these days because ineffective water distribution leads to various losses due to which the ultimate goals of water supply such as quality, quantity and timeliness are not being achieved. So the planning and design requires the expertise of city planners and civil

RajCOMP Info Services Ltd.

engineers. Increase in power requirement is one of the major constraints which affect the water utilization.

Fresh water is a renewable resource, yet the supply of clean, fresh water is steadily decreasing. Public Health Engineering Department (PHED) aims to provide safe potable water to every person. To achieve this the raw water is pumped from various sources like river and bore wells, process the raw water and then distributed to the public through various service reservoirs present across the city. Both quantity and quality of water is very much important for the department. Powerful software and measuring instruments can help in optimization of the water supply and improving service delivery to the public.

Project Objectives

- To ensure total accountability in Water production and distribution system.
- To ensure Water Quality and Quantity through continuous assessment.
- To provide an integrated view of water movement for entire state including Water Transmission, Water Treatment, Water Quality, Water Leakage, Pumping Station etc.
- To successfully implement demand management based on online information and historical data availability.
- To ensure optimal utilization of plant machinery and chemicals.
- To improve efficiency of Pumping stations.
- To control wastage through continuous monitoring of overflows, leakages and Unaccounted For Water (UFW)/non-revenue water(NRW).
- To provide an integrated view of water assets in the State on a geo-spatial map.
- To provide streaming analytics with full set of data mining, predictive modelling and forecasting capabilities.
- To ensure achievement of uniform distribution of water throughout the supply area eliminating imbalances.

RajCOMP Info Services Ltd.

- To provide a cross sectional view across all its subsystems.

Project Stakeholders

- RISL
- DoIT&C
- PHED
- System Integrator

Key Components

- Command and Control Centre
- WIMS Software, WIMS Gateway and WIMS Connector Utility to connect SCADA, RO, DFU and Borewell
- Asset Management
- Energy Efficiency Management System
- Network Management & Leakage Management System
- Geographical Information System (GIS)
- PHED Smart Analytics Platform
- Water Portal & Mobile App

Project Benefits:

- Total accountability in Water Transmission and Water distribution system.
- Uniform distribution of water can be achieved through out the supply area.
- Demand management has been implemented successfully based on historical data availability.
- Continuous assessment can ensure Water Quality & Quantity.
- Optimization of plant machinery and chemical usage is improved.
- Improvement in Pumping efficiency – Reduction in Electric Bills
- Improves quality of service.
- Continuous monitoring and display of network flow status and supervisory controls.
- Continuous monitoring of overflows, leakages, Unaccounted For Water (UFW) at various stages of distribution to control wastage.

RajCOMP Info Services Ltd.

- In time decision is possible based on automated daily, weekly and monthly reports and trends.
- Man power usage is reduced for data collection and accurate data availability for remedial measures.
- Proper maintenance schedule for water production plant has been achieved.

Current Implementation Status & Benefits Achieved:

- Established Command Center at PHED Head Office
- Inaugurated by Hon'ble Chief Minister on 27th July 2018

S. No.	Particulars	Integrated with Centralized WIMS Software (Nos.)
1	RO Plants	1956
2	Solar Operated DFUs	1858
3	Solar Operated Borewell	642
4	SCADA	16

Online Effluent Monitoring System

Brief Description of the initiatives:

Pollution prevention is a major global concern because of the harmful effects of pollution on a person's health and on the environment. Environmental pollution comes in various forms, such as: air pollution, water pollution, soil pollution, etc.

With rapid industrialization in the state, it is becoming a need and necessity to regulate and minimize inspection of industries on routine basis. Therefore, efforts need to be made to bring self-discipline in the industries to exercise self-monitoring & compliance and transmit data of effluent and emission to SPCBs and to CPCB on continuous basis.

In recent years online water quality monitoring technology has received attention and interest in context of providing accurate and continuous water/waste water quality information. There are already commercially available systems for monitoring parameters such as Turbidity, Colour, Fluoride, Sodium, Ammonia, Chlorides, Nitrates etc.

RajCOMP Info Services Ltd.

With ever growing size of cities, ensuring potable water without continuous effluent monitoring seems to be a daunting task. A heightened sense of water quality and ever-increasing challenges require new tactics with more access to integrated system and centralized information. This necessitates the need of designing and implementing Command and Control Center for effluent monitoring at centralized location.

Project Objectives

- To evaluate water quality trend over a period of time;
- To assess and use assimilative capacity of a water body and thereby reducing cost on pollution control;
- To receive real time data from CETPs at Command and Control Center
- Centralized online Monitoring of CETPs
- To analyze the performance of the industries on the basis of captured data
- To take action against industries on violation of directions/norms
- To provide the data to Central Pollution Control Board as and when required
- To ensure that sewage and industrial effluents are treated before discharge into rivers.

Project Stakeholders

- RISL
- DoIT&C
- RSPCB
- System Integrator

Key Components

- Command and Control Center
- Sensors
- Controllers

RajCOMP Info Services Ltd.

- Data communication systems
- Integration with SCADA

Project Benefits:

- Continuous monitoring of Effluent of state of Rajasthan from single point of source.
- CETP become more responsible toward treatment and discharge of effluent. That will lead us to reduce water pollution level of state to greater extent.
- Online monitoring systems provide continuous measurement of data for long periods of time, at the monitoring site of interest, without skilled staff being required to perform the analysis.
- All the major steps in traditional analysis like sample collection, preservation, transportation, sample pre-treatment, calibration, reagent addition and sample analysis procedures will be automated in on-line analysers.
- In case of sudden disturbance in the system, compared to conventional methods the on-line analysers provide timely alert through SMS/Email for taking immediate corrective/preventive steps.

Current Implementation Status:

- Established Command Center at RSPCB Head Office, Jaipur.

On pilot basis, sensor's has been installed at Pali CETP and data are being reflected at the State Data Center.

V. Integrated Health Management System

About

Integrated Health Management System (iHMS) is a comprehensive software solution of Government of Rajasthan consisting of three components – Hospital Management System, Telemedicine and Wellness and Screening – that captures all health related data and events of a person in the form of an Electronic Health Record (eHealth Record) which any individual / hospital would be able to access / generate using his / her Aadhaar / Bhamashah Card.

RajCOMP Info Services Ltd.

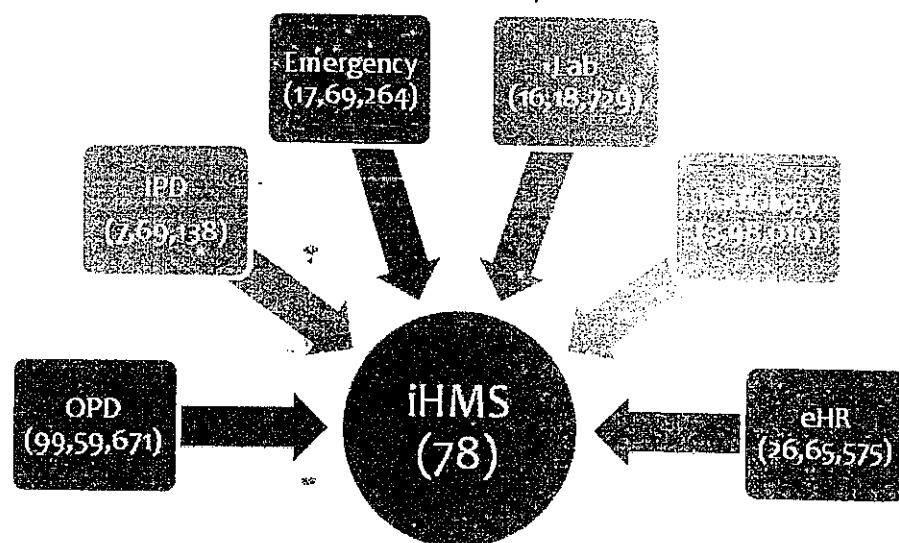
This System shall be available to all government hospitals and health centers from Medical College Hospitals & Dental College Hospitals through to the Sub-centers, and also be available to ANMs / ASHAs for Outreach Centers. It shall also be made available to interested private institutions (Dispensaries, Nursing Homes, Small / Big / Corporate Hospitals, Private Laboratories, Private Blood Banks, Private Radio-imaging Centers, Private Ambulance providers, etc) and to research institutions.

iHMS shall replace / integrate with all currently running softwares of M&H/ ME Dept. like Arogya Online, e-Aushadhi, PCTS, e-Upkaran, Asha Soft, OJAS, etc. Legacy data of these softwares shall be migrated in the new designed Integrated Health Management System which will cater to all types of requirements of M&H/ ME Deptt.

Objectives—

1. Create longitudinal health history of patients
2. De-congest hospitals by migrating patients to satellite hospitals.
3. Improve decision making, patient care and financial support to health sector based on data
4. Create electronic health records for all citizens

Status —



VI. Raj Wi-Fi Project (Phase I)

Scope of Work

Government of Rajasthan, as part of its on-going Information Technology reforms, envisioned establishing Wi-Fi network in Gram panchayat, various Government buildings and public places. The Raj Wi-Fi network is broadly categorized in following three categories:

Gram Panchayat: Provide Wi-Fi connectivity to rural area people. Govt. Buildings/Offices: Providing Wi-Fi Connectivity to govt. employees and visitors in govt. buildings where SecLAN and RajSWAN network is available. Government and Polytechnic Colleges: Aims to provide Wi-Fi connectivity to Colleges.

Raj Wi-Fi Implementing Agencies:

1) M/s Railtel Corporation Ltd. Working in four divisions Jaipur, Ajmer, Bikaner and Jodhpur. RISL issued work order no. F4.6(227)/RISL/Tech/2017/7129 dated 15-11-2017 to Railtel for 6 month to complete the installation, further to its extension letter No. F4.6(249)/RISL/Tech/2018/6465 issued dated 24-10-2018 till 31-03-2019.

2) M/s HFCL. Working in three divisions Bharatpur, Kota and Udaipur. RISL issued work order no. F4.6(227)/RISL/Tech/2017/7989 dated 13-12-2017 to HFCL for 6 month to complete the installation, further to its extension letter No. F4.6(246)/RISL/Tech/2018/6466 issued dated 24-10-2018 till 31-03-2019.

Technology Partners:

- BTS and Radio Devices:- RADWIN.
- Wi-Fi controller, NMS and Access Points:- HP Aruba.
- DHCP Device for assigning IP:- Efficientip
- AAA Security is used in WiFi network, using Radius Servers.

RajCOMP Info Services Ltd.

Current Status

- NMS is already installed in DC Jaipur and DR Jodhpur.
- Presently 8000+ AP are installed and 3500+ AP's are commissioned at GP.
- RISL already issued UAT of NMS and 500 AP's to RAILTEL and same to HFCL.
- Work order of total 381 Base Station Towers is issued.
- Total 290+ BTS tower were erected out of 381.
- UAT request of 220 tower is already forwarded to EIL.

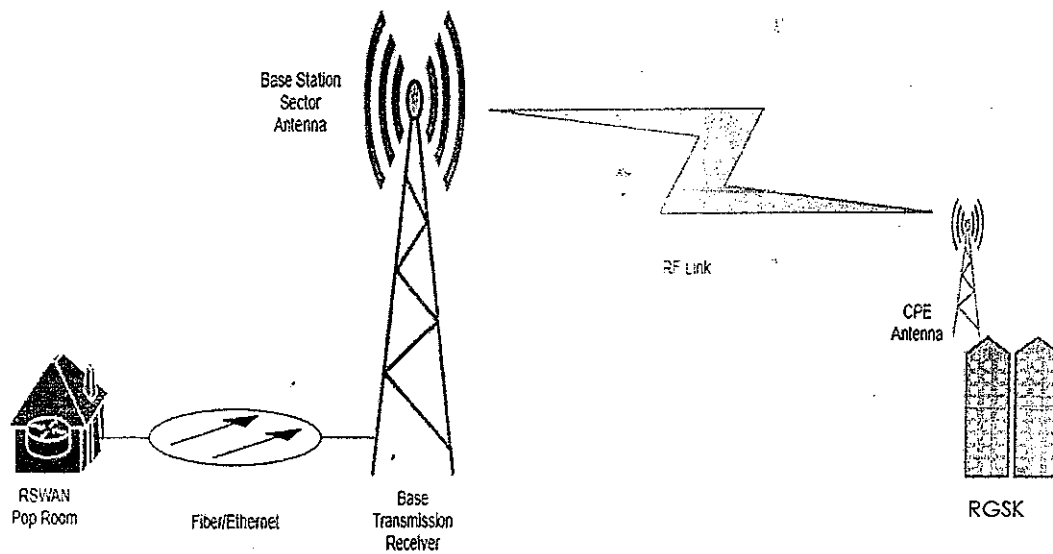
Other Details:

Manpower Deployed	Project Cost	Period From	Period To	Remarks
381 planned approx. (6 + one engineer at each BTS site)	208 Crores	Sep-2018 (First Phase Go-Live)	Sep-2023	

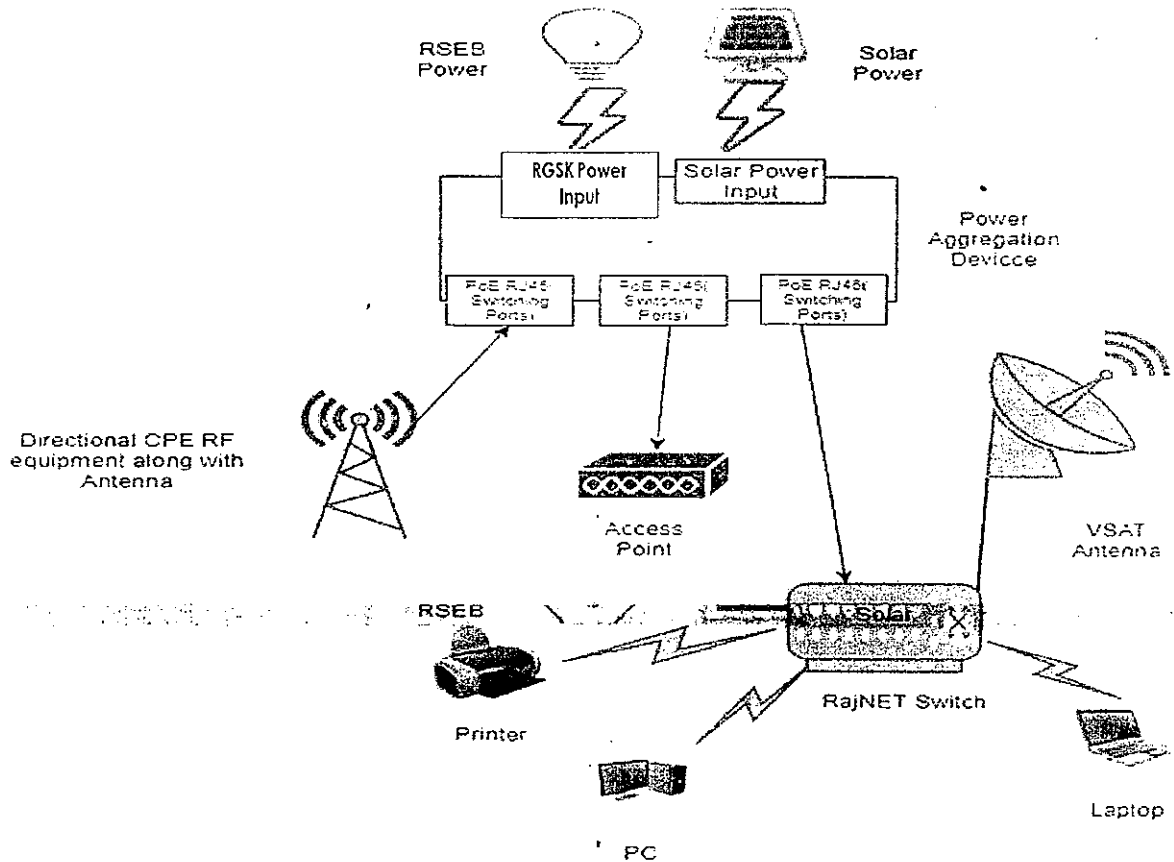
Topology Diagram

RajCOMP Info Services Ltd.

Block Diagram of RF Network



Physical Block Diagram of Proposed solution



RajCOMP Info Services Ltd.

Raj Wi-Fi Project (Phase II)

DoIT&C had intimated about the project to DoT, GoI regarding the project with a request to fund the project. DoT accepted the proposal and RISL, on behalf of DoIT&C signed an agreement with DoT to provide 5 AP's in each GP. DoT has agreed to fund for Rs 400 Cr for the project. The mobilisation advance of Rs 40 Cr is already received by RISL.

RISL has floated second RFP for the set up WiFi APs due to enhanced scope of work, wherein M/s ITI has stood L-1. The L-1 prices have not been matched by L-2, L-3 and L-4.

M/s TCIL has gone in to arbitration for being technically disqualified. At present the work has been stayed by PC-IV and further decision in the matter need to be taken by PC-IV.

VII. Bhamashah Project:

The State Government had announced implementation of Bhamashah scheme for women empowerment and financial inclusion in the year 2007-08. In the year 2014-15, the scheme was revamped to strengthen and increase the coverage of the scheme.

The implementation of Bhamashah Scheme was mentioned in the policy document adopted by the state government - "Suraj Sankalp 2013". Subsequently announcement regarding implementation of the Bhamashah scheme was made by Hon'ble Chief Minister during presentation of "Vote on Account" for 2014-15 in the assembly on Feb.20, 2014.

Planning Department, Government of Rajasthan has declared RajCOMP Info Services Ltd. as the implementing agency for the Bhamashah Scheme. The Bhamashah project has been approved by SeMT in its 51st meeting held on 16-07-2014. The project has also been approved by the Apex Committee in its meeting held on 14-05-2015. Administrative and financial approval of Rs. 249.91 crores has been approved for the project.

Scheme Summary:

Bhamashah Scheme is an end-to-end service delivery platform to transfer cash and non-cash benefits to the targeted beneficiaries in a transparent manner.

RajCOMP Info Services Ltd.

The scheme aims at including beneficiaries under various government programmes like ration cards, pension, NREGS, scholarship etc.

The Scheme is a family based programme of financial inclusion, where each family is being issued a 'Bhamashah Card'. The card is linked to a bank account that is in the name of lady of the house as head of the family. Thus, ensuring empowerment and independence of women. The card leverages biometric identification and core banking.

Under the scheme, the family is being mapped correctly and single unique data set for the residents of the State is being made. Demographics and social parameters as decided by State Government has been included to work out entitlement of residents.

The important dates with respect to Bhamashah project is as under:

S.No.	Particulars	Date
1.	Budget Announcement for revival of Bhamashah Scheme	July 14, 2014
2.	Selection of Technology Partner (M/s IL&FS) under Bhamashah Project	August 6, 2014
3.	Selection of Enrolment Agencies	July 25, 2014
4.	Inauguration for start of Enrolment Camps of Bhamashah Scheme by Hon'ble Chief Minister of the State at Udaipur	August 15, 2014
5.	Inauguration for start of Bhamashah Card Distribution and Direct Benefit Transfer by Hon'ble Chief Minister of the State at Ajmer	December 15, 2014

Objectives of the Scheme:

- To reform and institutionalise direct benefit delivery mechanism of government programmes
- ✓ To transfer all cash benefits directly to the bank account of the beneficiaries of the state.

RajCOMP Info Services Ltd.

- ✓ To provide all non-cash benefits directly into the hands of the beneficiaries of the state using single data set and Aadhaar enabled biometric authentication.
- To issue Rajasthan Identity and Multi-purpose card to all ordinary residents of the State for facilitating their identification & access to services.
- To bring about complete financial inclusion in the State by making banking service available near the doorsteps of the residents of the state through banks / post office / business correspondents (CSCs etc.) empowering especially women.
- To provide effective check on the leakage of direct benefit transfer to beneficiaries;
- To financially empower women.

Progress:

Enrolment:

S.No.	Particulars	Families	Individuals
1.	Enrolment Made under the Scheme	1.73 cr.	6.43 cr.
2.	Bhamashah Data Hub	1.65 cr.	6.16 cr.
3.	Card Printed	1.42 cr.	44 lac

Transactions:

S.No.	Particulars	Transactions	Amount
1.	DBT – Cash Transactions.	28.81 cr.	Rs. 29595 cr.
2.	DBT – Non-Cash transaction	35.50 cr.	Not Applicable

The key infrastructure purchased for the Bhamashah scheme is as under:

S.No.	Particulars
1.	Oracle Exadata with Oracle RDBMS and related software products
2.	IBM PureApp with IBM Web Sphere and IBM Enterprise Content Management(Filenet) Software

RajCOMP Info Services Ltd.

3.	SAS Data Quality Software
4.	Digital Signatures
5.	Hologram
6.	Transliteration Tool
7.	FI Gateway Solution from M/s TCS Ltd.
8.	HSM and QR Code software
9.	Card printer

Following software have been developed/are being developed by the Technology Partner:

S.No.	Particulars
1.	Resident Enrolment Software →offline as well as online
2.	Camp Management System
3.	Incident Management System
4.	Quality Control and Editing Software
5.	Card Printing & Distribution Software
6.	Seeding Software – Organic and Inorganic Seeding
7.	EBT Software , Entitlement Mapper & Transaction Mapper
8.	Inventory Control Software
9.	Budget & Expenditure Monitoring Software
10.	Integration with Other applications <ul style="list-style-type: none"> • Linkage with IFMS • Linkage with departmental transaction applications • Linkage with Mobile Service Delivery Gateway
11.	Creation of Resident Data Hub
12.	Mobile App
13.	Bhamashah DBT Engine

Budget:

S.No.	Particulars	Detail	Budget Amount
1.	Logistics	Camps, Cards, IEC, Enrolment etc.	Rs. 110 cr.
2.	Hardware and Software	Exadata, PureApp etc.	Rs. 25 cr.

RajCOMP Info Services Ltd.

3.	Application Software		Rs. 15 cr.
4.	Incentive	Rs. 2000/- in bank account of BPL family	Rs. 350 cr.
5.	Total		Rs. 500 cr.

VIII. e-PDS:

To improve the existing leakages in the traditional Public Distribution System through Ration shops, the government of Rajasthan embarked on a flagship project of providing the benefits through identification/ validation of the beneficiary through his/her biometrics available at CIDR (UIDAI). Light weight Hand held Point of Sale (PoS) devices were provided to the fair price shop owners which use GPRS connectivity to connect to PDS/ UIDAI servers. Each Ration Card was mapped to Bhamashah Id/ Aadhaar numbers and during issuance of Ration, these PoS devices validate the biometrics of the beneficiary.

Benefits of implementation of e-PDS– Benefits of implementing e-PDS are

- Check the leakages in the Public Distribution System and transfer benefits to intended beneficiaries
- Deduplication and removal of spurious /redundant ration cards
- Ensuring Zero Proxy Withdrawals by linking with Bhamashah Id/ Aadhaar
- Addressing diversions and leakages
- Managing food grain stock and ensuring their timely distribution
- Track end to end delivery of services through a comprehensive MIS
- Reform and improve service delivery of Food and Civil Supplies Department through linkages with Bhamashah / Aadhaar
- Conducting audits during food grain movement in the PDS program to control diversions

RajCOMP Info Services Ltd.

Details of e-PDS Project :

Major Activities- Major activities involved in implementing the e-PDS project are

- Mapping of Ration Card with Bhamashah Id and Aadhaar Id
- Seeding of Aadhaar/ Ration Card in PDS database
- Procurement and Supply of Hand-held (PoS) devices to the Fair Price Shops
- Development of Device Application for Hand-held (PoS) devices
- Installation, Maintenance and Support of device application on Hand-held PoS devices

Present Status of the project:

All FPS in the state have PoS machines (barring a handful no-network areas), through which dealers are distributing ration commodities of Wheat, Sugar, Kerosene.

In Udaipur and Baran commodities like Ghee, Daal and Oil are also distributed to Kethodi, Sahariya and Khairwa communities.

MIS portal and mobile app have also been developed to monitor features like:-

- Transactions of commodities.
- Seeding status of Aadhar and Bhamashah in ration cards.
- PoS repair summary report.
- Inactive PoS report.
- Abeyance Ration cards
- By Pass ration facility for authorized officer in case biometric data of beneficiary does not matches because of multiple reasons, so that beneficiary does not be deprived of his entitled ration.

From March-2019, a new scheme has been introduced by the State Government wherein Wheat is being distributed at Re1/Kg to BPL/SBPL/AAY ration cards and at Rs 2/Kg to PHH (others) through PoS. Various provisions have been made in the e-PDS Software Solution from time to time as per department's policies and requirements eg. Portability (full and partial), Carry forward, Partial lifting, Live data provision for Jansoochna portal.