



Patitapaban IT Services Pvt. Ltd. (An ISO 9001:2008 Certified Co.) is now a leading IT/ ITES company in Odisha (India). **PIT Services** has also got the certification from **National Board for Quality Promotion, Quality Council of India**, New Delhi for Smart Card Service Provider. This privately owned and funded firm has been providing offshore outsourcing solutions and services which help our clients to more efficiently manage their business information and associated processes.

Our solutions and services put your information to work by delivering the right content to the right users at the right time. PITS customers accelerate their time-to-market, increase customer satisfaction, enhance supply chain efficiencies and reduce operating costs – improving their overall competitive advantage.

"We work hard to achieve success for our clients because when their company succeeds, we succeed."

Patitapaban IT Services was established in the year 2009 and is steadily progressing for the past twenty years. The company at present is operating under the name of "Patitapaban IT Services Pvt. Ltd." (PIT SERVICES). PIT SERVICES has its Registered Office and Corporate Office at Puri Town, Odisha and Development Office in Bhubaneswar, Odisha.

PIT SERVICES is one of the Leading Company in RFID, Smart Card, Biometric and Internet based Web portal Development committed to providing reliable and cost-effective business solution to organizations globally. PIT SERVICES is emphasizing on high quality, technical Innovative human resources and cutting edge solutions for its customer.

Mission & Vision



Our Vision

- To become the No. 1 Service Delivery Partner for Outsourced Services
- Our Vision is not merely a statement. It is an emblem of continuity for us that make us strive for excellence in every single day of our operations. We are urged and encouraged through our work culture and self motivation to perform beyond the existing benchmarked levels, as competition is only growing in the current business village, so as to achieve this milestone with a journey that is new, focused and yet continuous day by day. Our vision also reminds us that our vendors, our employees, and the clients are all integral to our team and this broad outlook through our vision embedded in our operations is the key to achieving the 'numerous Uno' position in the market.



Our Mission

- To become the preferred service provider by choice, for all our existing and new clients to grow their businesses.
- To become a learning organization by creating a work culture that recognizes, harnesses and retains talent enabling mass growth opportunities.
- To ensure through this learning and growth that we acquire a position in the market to create bench marked levels of quality in our business processes.

About Us

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PIT SERVICES has state-of-the-art software development facility, hardware and integration lab at Bangalore to provide efficient and cost-effective solutions to complex business requirements through innovative application by conceptualizing unique solution.

PIT SERVICES is a leader in the System Integration Services and a pioneer in managing business processes through technology for companies around the world. The Company combines expertise in RFID, Smart Card and Biometric based Technology and analytical capabilities with operational insight and experience in diverse industries to provide a wide range of product and services.

We are also into Enterprise Application, and e-government project. Our leadership team, processes and culture have been deeply influenced by long list of customer. Many elements of success is the rigorous use of metrics , the relentless focus on improvement, a strong emphasis on the client and innovative human resources practices-are the foundations of our business.

We are able to consistently deliver flexible, fully integrated solution and cost effective product in competitive price. Our campaign is research and strategy, through creative conception, development and production through innovation.

We are gear up by fresh thinking and conceptualized ideas to create more valued experiences with new technology.

- ❖ RFID Application
- ❖ Smart Card Application
- ❖ Biometric Application
- ❖ Enterprises Application Development
- ❖ Enterprises Resource Planning
- ❖ Data Management and Business Process Management
- ❖ E-Government Projects

Portfolio

Our offerings deliver knowledge, tools and quality services throughout the complete lifecycle of your customer requirement. We work on agile methodology to deliver product and solution successfully.

The broad activities of PIT SERVICES have been classified as mentioned below:

- Software Developers and Graphic Designers in-house.
- Quality Assurance in the maintenance of data records.
- Information to develop Cutting Edge Technology.
- E-Government Solutions that implemented at Fields

Major Activities

RFID:

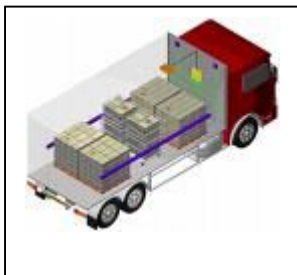
Patitapaban IT Services Pvt. Ltd. has been RFID solution Provider to End Users, Consulting Company and System Integrators. As the Experience of the several years in deployment of RFID in India, Professionals of Patitapaban IT Services Pvt. Ltd. understands the challenges of installing RFID for all applications. Patitapaban IT Services Pvt. Ltd. offers RFID tags in a variety of form factors. Patitapaban IT Services Pvt. Ltd. offers consultancy services to corporate houses, government organisation and institution. Our RFID Consultants are highly trained and well versed with the latest Technology. We formulate customised Services to help and design the most cost effective and robust solution.

Patitapaban IT Services Pvt. Ltd. is partnering with leading RFID hardware Manufacturers and Distributors to provide RFID systems to large customer base for implementation.



Application & services based on:

RFID Readers (LF, HF, UHF & Active)



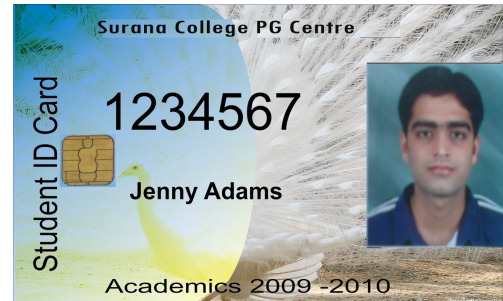
- Real Time locating System
- Retail application.
- RFID Ticketing System
- Jewellery Management
- Document Management System
- Animal management System
- Supply chain Management Solution



Smart Card

Patitapaban IT Services Pvt. Ltd. is engaged with world's largest Smart card manufacturer and Integrators to Provide Smart card based solution to our customers. We are providing solution on both Contact and Contact less Technology on following domain.

- Close loop e-Purse Solutions.
- Healthcare Solutions.
- Campus Card Solutions.
- Fleet and Petro Card Solutions.
- Other ID card Solutions.



Biometric:



Biometrics is the Technology of the future. It's a useful tool for identity management. Technology is gaining widespread use in the business world as means to make the workplace more secure and efficient. The technology promises almost foolproof security for facilities and computer networks.

We offer Biometric based identity management system, Log in system, Biometric smart card.

- Access Control System
- Biometric PC Log on system
- Attendance System
- Biometric Based Id card
- Health insurance card



BULK DATA / IMAGE PROCESSING

PIT SERVICES is handling large scale Data / Image processing jobs. The source document can be in any media (Hard copy, Xerox, Scanned images, etc.,) and the Computerised Data can be made available on any media (Paper, 5 ¼, Floppy disc, 3 ½ Floppy disc, Cartridge, CD-ROM, etc.,) and in any format (ASCII, Wordstar, Microsoft Word, Word Perfect, Page Maker, Write, etc.,) as specified by the client.

To ensure high level of accuracy like cross verification, spell checks and quality re-checking are done as a part of defined processing.

Various assignments carried out by PIT SERVICES for different agencies are as follows:

a. ELECTION WORK

➤ **ODISHA GOVT.**

PIT SERVICES was appointed as a Sub Contractor and assigned with the responsibility of preparing **ID Cards** for a population of **10 lakhs**.

➤ **MADHYA PRADESH GOVT. (Jabalpur)**

PIT SERVICES was also appointed as Sub Contractor and assigned with the responsibility of preparing **ID Cards** for a population of **15 lakhs**.

The above high volume projects gave PIT SERVICES an opportunity to expertise in handling Bulk Data / Designing and Backup procedures to attain cent percent accuracy.

b. NPR WORK (ODISHA)

PIT SERVICES was appointed as a sub contract of capturing the Biometrics data Collection of Aadhar Card information consisting of about **18 lakh** to complete within a span of 90 days and PIT SERVICES successfully completed within the above tight schedule prescribed by our principal.

c. Data Capturing for a MNC

A leading MNC in Bangalore has considered PIT SERVICES as one of the approved vendors. PIT SERVICES has been entrusted with **Data Entry of Technical Literature**. At present around 2,00,000 records are captured per month. Various techniques such as Digitizing / Drafting / Scanning / OCR have been adopted to meet the desired quality standards.

d. Data Entry for Other Agencies

PIT SERVICES regularly undertakes Data-Entry jobs for various Banks, Publishers, GETIT Yellow pages etc., during migration from manual to computer system. PIT SERVICES undertakes Data-Entry jobs also at the client's premises and ensures the confidentiality and security

SOFTWARE DEVELOPMENT

A brief description of some of the Software Projects executed by PIT SERVICES is as follows:

ERP a new product taken over by Elsoft for SME segment..

a) INVENTORY AND INVOICING SYSTEM (IIS)

This package has been developed for Distributors, Dealers & Retailers for their own services. This software system completely automates all the operations of service centers and generates various reports.

b) STOCK INVEST LIEN RECONCILER (SILR)

This package has been developed for many of Stock Investor implemented to their branches, SILR takes in all the information from Issue Register and Payment Register of the bank it compiles and generates various required reports.

c) INVENTORY AND CUSTOMER MAINTENANCE (ICM)

ICM has been developed for Endocrine Lab. ICM maintains the list of customers and the sales information generates monthly bills for each customer and gives monthly-consolidated reports.

d) EL-BUILD

This package has been developed for Real Estate. EL-Build generates various reports like Project wise allotment as well as vacancy status, Payment schedules and pending payment details of various units sold.

e) PRIME INVEST

This software is customised software developed for Shares & Stock financiers, financing for application of shares in the primary market. This system generates MIS reports and gives information for decision making process.

f) BUILDERS INFORMATION SYSTEM (BIS)

BIS helps the Builders to view different vendors for all construction materials. BIS is also a media of advertisement for vendors dealing with construction materials to advertise their company information products to builders.

g) PAYROLL PACKAGE DETAILS:

- PITServices-Pay is totally an integrated package for management of Payroll.
- This is a Comprehensive package covering all aspects and activities related to Payroll Accounting.
- Most User-friendly and 'Menu-Driven'.
- Data Security.
- Allows maintaining Master details for ease and accuracy.
- Covers various types of Transaction/ computation.
- Meets all statutory reports

h) HOTELS & RESTAURANTS MANAGEMENT

This is an online booking and information extracting system through the net developed for our US clients.

i) Pre Data Entry Processing

Verification of validity of the Invoice (Billing names and Locations)

Assignments of GL-codes

Calculate allocations for multi GL – Coded Invoices

Assignment of carrier codes and optional accessorial charge codes

Assignment of Optional Microfilm index numbers

Establishment of Invoice Batch / Hash Totals

j) Data Entry Processing

Key / Key-verify payables data elements

Key extended data elements for transportation management reporting

Validate and Edit Key Elements

Research and Reconcile exceptions

Adjust Batch Totals for Edit and Validation Errors, Duplicate Past Due and Balance Due Invoices

Web development and Internet/Intranet

PIT SERVICES has completed many web projects catering to niche segment of internet fraternity, which include portals, dynamic websites, multimedia rich interactive websites with Flash and Intranet based solutions for Business Automation. The sites and portals generate a run-of-the-network traffic and a significant business every month for our clients.

Rahtriya Swastha Bhima Yojna, Govt. Of India Undertaking

RSBY is a Government sponsored scheme for the BPL population of India. The majority of the financing, about 75 percent, is provided by the Government of India (GOI), while the remainder is paid by the respective state government. Government of India's contribution is 90 percent in case of North-eastern states and Jammu and Kashmir and respective state Governments need to pay only 10% of the premium.

Beneficiaries need to pay only Rs. 30 as the registration fee. This amount shall be used for incurring administrative expenses under the scheme.

RSBY provides health insurance for the enrolled BPL families from each district up to a maximum number of households based on the definition and the figures provided for each state by the union Planning Commission. State Government must prepare and submit the BPL data in an electronic format specified by Government of India. The format requires details of all the family members including name, father or husband's name for the head of household, age, gender and relationship with the head of household. Respective State Governments need to convert their existing BPL data

in this format for each district and send these data to Government of India which in turn checks the compatibility of this data with the standard format. However, state governments alone are responsible for the accuracy of their BPL lists. Preparation of BPL data in the specified format is necessary for implementing the scheme in the district.

An electronic list of eligible BPL households is provided to the insurer using a pre-specified data format. An enrollment schedule for each village, along with dates, is prepared by the insurance company with the help of the district level officials. As per the schedule, the BPL list is posted in each village at enrollment station and prominent places prior to the enrollment and the date and location of the enrolment in the village is publicized in advance. Mobile enrollment stations are set up at local centers (e.g., public schools) at each village. These stations are equipped by the insurer with the hardware required to collect biometric information (fingerprints) and photographs of the members of the household covered and a printer to print smart cards with a photo. The smart card, along with an information pamphlet describing the scheme and the list of hospitals, is provided on the spot once the beneficiary has paid the 30 rupee fee. The process normally takes less than ten minutes. The cards are handed over in a plastic cover.

A government officer (called Field Key Officer – FKO) needs to be present and must insert his/ her own, government-issued smart card to verify the legitimacy of the enrolment. (In this way, each enrollee can be tracked to a particular state government official). In addition to the FKO, an insurance company representative/ smart card agency representative must be present. At the end of the each day of enrolment, the list of households which have been issued smart cards is sent to the state nodal agency. This list of enrolled households is maintained centrally and is the basis for financial transfers from the Government of India to the state governments.

RSBY has a provision whereby an insurer has to hire intermediaries (e.g. NGOs, MFIs, etc.) to provide grassroots outreach and assist members in utilizing the services after enrollment.

After the insurance company is selected, they need to empanel both public and private health care providers in the project and nearby districts. The empanelment of the hospitals is done based on prescribed criteria. Empanelment of hospitals shall be done as soon as the insurer gets the contract and it can continue simultaneously with the enrollment of the beneficiaries. The insurer shall empanel enough hospitals in the district so that beneficiaries need not travel very far to get the health care services. For empanelment of the public hospitals, the insurer needs to coordinate with respective health department of the state.

These hospitals should install necessary hardware and software so that smart card transactions can be processed. They should also set up a special RSBY desk with a trained staff. The hospital list should allow for both public and private hospitals who agree to participate. The insurer must also provide a list of RSBY empanelled hospitals, to the beneficiaries at the time of enrollment. This list can be revised at periodic intervals as more and more hospitals are added in the list. When empanelment takes place, a nationally unique hospital ID number is generated so that transactions

can be tracked at each hospital.

The transaction process begins when the member visits the participating hospital. After reaching the hospital, beneficiary will visit the RSBY help desk at hospital where his identity will be verified by his photograph and fingerprints which are stored on his/her smart card.

If a diagnosis leads to a hospitalization, the assistant at the help desk checks whether the procedure is in the list of pre-specified packages. If the procedure is in the list, the appropriate prescribed package is selected from the menu. If the procedure is not in the package list, the help desk assistant checks with the insurer regarding the price for that procedure. Upon release of the beneficiary from the hospital, the card is again swiped along with finger print verification and the pre-specified cost of the procedure is deducted from the amount available on the card. The beneficiary is also paid by the hospital Rs. 100 as transportation expense at the time of the discharge. However, total transportation assistance cannot exceed Rs. 1000/- per year and it is part of Rs. 30,000/- coverage. No proof is required to be submitted by the beneficiary to get the transportation assistance.

After rendering the service to the patient, the hospitals need to send an electronic report to the insurer/ Third Party Administrator (TPA). The Insurer/ TPA after going through the records information will make the payment to the hospital within a specified time period which has been agreed between the Insurer and the hospital.

On receipt of the smart card and consequent to the commencement of the policy, the beneficiary shall be able to use health service facilities in any of the RSBY empanelled hospital across India. Any hospital which is empanelled under RSBY by any insurance company will provide cashless treatment to the beneficiary.

Biju Krushak Kalyan Yojna, Govt. Of Odisha Undertaking

ABOUT BIJU KRUSHAK KALYAN YOJANA: Odisha lives in its Villages and farmers are its backbone. They toil hard to feed the nation. They suffer in silence and when they are affected by ailments and diseases, pay heavy economic, social and emotional price. The most important and major cause of our farmers falling to poverty trap is the financial hazards and deprivation that health related expenses bring to them. Biju Krushak Kalyan Yojana is brought in as a tribute to the Farmers and their families to provide them health security. It is an earnest effort to provide them financial support through health and accident insurance as a part of the commitment of the welfare state. Rural Odisha houses 83% of the total population of the state. One of the major insecurities for rural populace and farmers is absence of health cover for such farmers and their family members. Insecurity relating to absence of health cover, heavy expenditure on medical care and hospitalization and recourse to inadequate and incompetent treatment is not only a social and psychological burden borne by these populace but there are significant economic costs resulting from loss of earning and progressive deterioration of health. Thus, with a view to providing health insurance cover to farmers in the Rural Odisha and their families, the Government of Odisha has announced the “**Biju Krushak Kalyan Yojana**”.

BKKY has been launched by Govt. of Odisha and implemented by Department of Agriculture and Food Production to provide Health Services to Orissa Farmers. The objective of BKKY is to provide protection to households from financial liabilities of hospitalization. Beneficiaries under BKKY are entitled to hospitalization coverage up to Rs. 1,00,000/- for most of the diseases that require hospitalization.

RSBY :Odisha District : Dhenkanal Team size : 45 No of population handled: 60000 Time of the Project: 2 Months	RSBY: Bihar Districts: Araria Team size: 150 No of population handled: 4. Lakhs Time of the project: 3 Months
RSBY :Odisha District : Balangir Team size : 40 No of population handled: 90000 Time of the Project: 3 Months	BKKY : Odisha District : Balangir Team size : 25 No of population handled: 40000 Time of the Project: 1 Months
BKKY : Odisha District : Puri Team size : 30 No of population handled: 80000 Time of the Project: 2 Months	BKKY : Odisha District : Balangir Team size : 25 No of population handled: 40000 Time of the Project: 1 Months

LIST OF EQUIPMENT

- 1) COMPUTERS :- Laptops with Dual Core 1.60ghz processors, 2gb RAM, 250gb HDD -70 nos.
- 2) Camera :- 5 Mega pixel and above – 70 nos.
- 3) Fingerprint Scanner/Reader: - Finger Scanner Device Segam MSO 300 make, 3M Cogent CSD 200 make, Secugen and may more. However we shall deploy the required no of instruments (as per RSBY spec) at the time of commencement.
- 4) Smart Card Reader:- to be deployed as per the project requirement & as per RSBY Specification
- 5) Smart Card Printer :- to be deployed as per the project requirement& as per RSBY Specification

SOP ON CONTROL OF INFRASTRUCTURE

- 1) Procurement of required hardware with proper software installed in them.
- 2) Deployment of hardware at the enrollment centre as per the RSBY guidelines.
- 3) We shall have sufficient back-ups for all the equipments deployed.
- 4) Smart Cards will be procured from SCOSTA certified vendors in sufficient number so as to maintain a buffer stock for continuous execution of project.
- 5) AMC coverage will be done against all the equipments deployed from authorized service centre.
- 6) Power back-up will be given at all enrollment centres to avoid shut down during power-cuts.
- 7) Proper & secure storage (in external storage devices & Internal HDDS in Server) will be maintained for safe keeping of data.
- 8) Use of Anti-virus software in all the computers for long term data safety will be done.

Specifications for kit

ENROLLMENT STATION

The enrollment stations due to the nature of work involved need to be mobile and work under rural & rugged terrain along with required power backup. This should be of prime consideration while selecting the hardware matching the specifications given below:

- Computer with power backup for at least 8 hours
- Optical Biometric Scanner for fingerprint capture
- VGA Camera for photograph capture
- 2 PCSC compliant Smart Card readers
- Smart Card Printer
- Data backup facility
- Licensed system Software

Enrollment & personalisation software leased from the Nodal agency

1. Minimum Specifications for hardware

1.1. Computer

- Capable of supporting all devices as mentioned above
- Loaded with standard software as per specifications provided by the Ministry of Labor, Government of India.

1.2. Biometric Scanner

- 5v DC 500mA (Supplied via USB port)
- Operating temperature range: 0c to 40c
- Operating humidity range: 10% to 80%
- Compliance: FCC Home or Office Use, CE and C-Tick

- 500 dpi optical fingerprint scanner (22 x 24mm)
- USB 1.1 Interface
- Drivers for the device should be available on Windows or Linux platform
- High quality computer based fingerprint capture (enrolment)
- Preferably have a proven capability to capture good quality fingerprints in the Indian Rural environment
- Capable of converting Fingerprint image to RBI approved ISO 19794 template.

1.3. Camera

- Sensor: High quality VGA
- Still Image Capture: up to 1.3 megapixels (software enhanced). Native resolution is 640 x 480
- Automatic adjustment for low light conditions

1.4. Smart Card Reader

- PCSC and ISO 7816 compliant
- Read and write all microprocessor cards with T=0 and T=1 protocols
- USB 2.0 full speed interface to PC with simple command structure

1.5. Smart card printer

- Supports colour dye sublimation and monochrome thermal transfer
- Edge to edge printing standard
- Integrated ribbon saver for monochrome printing
- Prints at least 150 cards/hour in full colour and upto 1000 cards an hour in monochrome
- Minimum Printing resolution of 300 dpi
- Compatible with Windows/linux
- Automatic or manual feeder for card loading
- Compatible to microprocessor chip personalisation

Head Office

Patitapaban IT Services Pvt. Ltd.

AT: Kumuti Sahi, Puri Nagarpalika, Town Thana,

Puri, PIN: 752001, Odisha

Phone.: 06752-224128, 09439363745

e-mail: info@pitservices.co.in

Corporate Office:

Patitapaban IT Services Pvt. Ltd.

Plot No. 384/2905, Radhakrishna Nagar, Garage Chaak,

Old Town, Bhubaneswar-02, Odisha

e-mail: rsby@pitservices.co.in

Website: www.pitservices.co.in

Branch Office**Puri**

At: Chaitanya Vihar, 1st Lane,

Bus Stand Out Gate, Puri Town, Puri -752001

Phone.: 06752-223745

e-mail: info@pitservices.co.in

Website: www.pitservices.co.in

Delhi

C-II, 38, Raju Park Khanpur

New Delhi, Pin : 110062

Kolkata

At: AA/12 GOPAL VAWAN

FLAT NO.: 4 GROUND FLOOR

DESHBANDHU NAGAR

BICHITRA, BAGUIATI

NEAR BAGUIATI AC MARKET

KOLKATA 700079

Bihar

Ashok Rajpath, Mouar Lane Chouraha

Sultanaganz, Patna

Bihar- 800006