Harnessing technology Creating a less cash society



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Our Mission

Touching every Indian with one or another payment service













Happiness is a swipe away with RuPay!



A card payment scheme launched by National Payments Corporation of India which offers a domestic, open loop, multilateral system to allow all Indian Banks and financial institutions in India to participate in electronic payments. RuPay's innovative solutions in different segments is driving the country towards a less cash society.



India's own card

Accepted at all merchants and online sites

Simplified and transparent pricing structure

Providing universal access to payments system

Enhanced security with insurance cover for all RuPay cardholders. Accepted at all major point of sale (POS) and online merchants in the country.



RuPay Prepaid Card

A convenient and hassle-free payment solution for varied customer needs - from gifting loved ones to paying employee salaries to managing general expenses. RuPay Prepaid cards can be issued through Co-brand arrangement with Banks as Physical or Virtual Cards.

RuPay Prepaid Cards are issued under varied options like:



General Purpose Cards:

This card offers convenience, security and utility to cardholders for a range of needs from day to day spends or for making specific payments at varied locations.



Gift Card:

It's a perfect gift to your loved ones for any occasion.



Student Card:

An easy way to process scholarships and fee payments.



Pay-Roll Card:

A perfect substitute to Cheques/ Cash for paying employee salaries in a more secured and hassle-free manner.



Virtual Card:

Card is Virtual, Security is Real!



RuPay Debit Card

Have an access to your savings account anytime, anywhere with added security features. Celebrate your purchases, bill payments, cash withdrawal anywhere securely with RuPay Debit Card. Now aspire for more, achieve more, and celebrate more with ease of use of RuPay Debit Card

RuPay Debit cards are available in 2 variants Platinum and Classic.











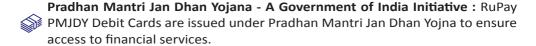
RuPay also offers Debit Cards under various Government initiatives:

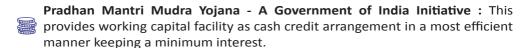


Kisan Card - A Ministry of Agriculture Initiative : Aims at providing need based and timely credit support to the farmers for their cultivation needs in a cost effective manner.



PunGrain - A Punjab Government Initiative : RuPay PunGrain Debit cards can 🗱 be used at ATMs for cash withdrawal and for automated grain procurement facility at PunGrain mandis.







RuPay Credit Card

RuPay Credit Cards offers you the ticket to a world of exclusive offers and benefits. Enjoy the freedom of convenience and security along with the privileges of a luxurious living. The RuPay Credit cards are available in three variants: RuPay Select, RuPay Platinum and RuPay Classic.



Exciting welcome offers



Access to airport lounges across the world



Regular cashback on dining and utility bill payments



24x7 Concierge Services



Personal Accident insurance upto Rs.10 lacs



Unified Payments Interface (UPI) is a system that powers multiple bank accounts into a single mobile application (of any participating bank), merging several banking features, seamless fund routing & merchant payments under one hood. Unified Payments Interface as a proposition will make money transfers as easy as sending a text message in real-time.

Features

- Transfer Money instantly round the clock 24*7 and 365 days.
- Single mobile application for accessing different bank accounts
- Single Click 2 Factor Authentication. Ask & receive money from your friends at a single click and that too instantly.
- Payment address of the customer for collect and send provides for incremental security with the customer not required to enter the details such as Card no, Account number, etc.
- Best answer to Cash on Delivery hassle, running to an ATM or rendering exact amount.
- Merchant Payment with Single Application or In-App Payments.
- Utility Bill Payments, Over the Counter Payments, Barcode (Scan and Pay) based payments.
- Donations, Collections, Disbursements Scalable.
- Raising Complaint from Mobile App directly.



Get started with UPI



Download UPI App from Play Store



Install on Phone





Set App Login





Set M-Pin



Add your bank accounts





Create **UPI Payment Address**





Start transacting using UPI



Welcome to UPI - the **Future of Payments**



A simple and secure way to make payments



24 x7 x 365 Instant money transfer Go cashless -

anywhere, anytime



Direct bank account to bank account transfer

Using Mobile No. or Payment Address (VPA) or Aadhaar No. or Account No. & IFS code



Scan and Pay

Generate and share your personalised QR code



Instant notifications

Get instant transaction alerts for every transaction on BHIM



Access BHIM App in your favourite language

BHIM is available in English and 8 regional languages



Get started with BHIM

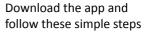




Select Your Bank A/C From List of Banks



Set Your UPI PIN With Your Debit Card details









Perform direct Bank to Bank fund transfer

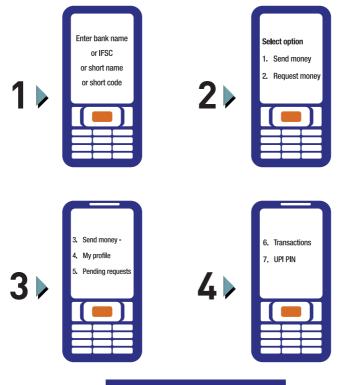


Send money by entering the Payee's UPI Payment Address





Mobile Banking simplified with USSD



Services available







SEND/ RECEIVE MONEY



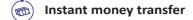


SET/ CHANGE UPI PIN



IMPS is an innovative real time payment service that is available round the clock. This service empowers customers to transfer money instantly through banks and RBI authorized Prepaid Payment Instrument Issuers (PPI) across India to over 140 banks.

Benefits of using IMPS:



Round-the-clock service (even on weekends & bank holidays)

Debit & Credit confirmation by SMS to remitter and beneficiary

TRANSACTIONS CAN BE INITIATED USING BELOW INPUTS:

Account No. & IFS Code

Mobile No. & MMID

Aadhaar number

USING MOBILE

- Download bank specific app from Playstore/ iTunes/ Windows Store/ Blackberry world or from bank website
- Select Immediate Payment Service (IMPS)
- Enter beneficiary details (Mobile no. & MMID or Account no. & IFS Code or Aadhaar no.)
- Enter amount
- The Provide the MPIN or OTP

USING BRANCH

- Fill up in slip with remitter and beneficiary details
- Mention the beneficiary account details in the form
 - -> Beneficiary Name/ Beneficiary Bank Name & Branch
 - -> Account no. & IFSC
- Enter amount to be transferred
- Provide the remitter account details



Ease of Banking with Aadhaar



EASE OF BANKING WITH AADHAAR

Link your Aadhaar number with your bank and follow the steps below to start banking

- 1. Contact your nearest Business Correspondent
- 2. Select the mode and amount of payment
- 3. Select the bank and then enter your Aadhaar number in the Micro ATM
- 4. Place your finger to scan your fingerprint
- 5. Check the receipt given by the Business Correspondent with the status of the payment made
 - TRANSFER MONEY
- BALANCE ENQUIRY
- CASH DEPOSIT
- CASH WITHDRAWAL



National Automated Clearing House (NACH) is a centralised system, launched with the aim to consolidate multiple ECS (Electronic Clearing System) running across the country. NACH System can be used for making bulk transactions toward distribution of subsidies, dividends, interest, salary, pension etc. and also for bulk transactions towards collection of payments pertaining to telephone, electricity, water, loans, investments in mutual funds, insurance premium etc.

Aadhaar Based Payments Bridge (APB):

It is a unique payment system implemented by National Payments Corporation of India (NPCI), which uses Aadhaar number as a central key for electronically channelising the Government subsidies and benefits in the Aadhaar Enabled Bank Accounts (AEBA) of the intended beneficiaries. It is a payment system based on Aadhaar numbers issued by UIDAI & IIN (Institution Identification Number) issued by NPCI. Currently 911 banks are live in the product and more than 400 million of Aadhaar mapped to the database.

ACH Credit/ Debit: (For bulk disbursement/ collection).

This is an enhanced file format of the RBI ECS clearing, where this will be the centralised platform for the credit and debit transactions across the country. Total of 1,267 banks are live in ACH Credit variant and 936 banks are live for the ACH debit product.

ACH Debit product comprises of mandate management system (MMS). This is the online system for processing the mandates issued by the customers. This has in-built validations for validity of mandate, customer account number and amount.



Advantages of NACH:

- Single Application for Receivables and Payables and Mandate Management
- Digitally signed file exchange
- Same Day Transaction cycle
- Multiple file formats supported
- Multiple Routing Options through IFSC /IIN/MICR Code
- Support for multiple intra-day sessions
- Warehousing of future dated transactions permitted
- Corporate portability
- Flexible MIS & Analytics can be provided to banks
- Recall "transactions" before settlement
- Host to Host facility



National Financial Switch

With an endeavour to connect the ATMs in the country and facilitating convenient banking for the common man, the Institute for Development and Research in Banking Technology (IDRBT) conceptualized and operationalised a multilateral domestic ATM network which was referred to as National Financial Switch (NFS).

It is the leading ATM network in the country with 101 direct member Banks and 708 sub-member Banks having a total network of 2.34 lakh ATMs as on February 28, 2017.

Salient Features

NFS has introduced the sub-membership model which enables smaller, regional banks including RRBs to participate in the ATM network.

- NFS has maintained high standards of application and network uptime of above 99.50% which has helped our member banks ensure enhanced customer experiences.
- The Dispute Management System (DMS), has benefitted members with high operational
 efficiency and ease of online transaction life cycle management (chargeback,
 representation, etc.) in the network apart from being compliant with local regulatory
 requirements.
- Apart from basic transactions like Cash Withdrawal and Balance Enquiry, NFS also offers Value Added Services (VAS) at ATMs like PIN Change, Mini statement, Interoperable Cash Deposits, Card to Card Fund Transfer, Mobile Banking Registration (MBR), Aadhaar Number Seeding (ANS), Cheque Book Request and Statement Request to its members.
- NPCI has also tied up with International card schemes like Discover Financial Service (DFS),
 Japan Credit Bureau (JCB) and Union Pay International (UPI), which allows their cardholders to use ATMs connected to NFS network.
- The Fraud Risk Management (FRM) solution is offered as a value added service to monitor



An electronic image of the cheque is transmitted to the drawee bank by the clearing house, along with relevant information like data on the MICR band, date of presentation, presenting bank, etc. Thus in CTS, the physical movement of cheques from banks to clearing houses are replaced by electronic images of the cheques & relevant data. Physical cheques are retained at the presenting bank itself. The images and data are transmitted over the secured network. The settlement of the CTS is based on the MICR data captured from the cheques.

NPCI was entrusted with the responsibility of the implementation of CTS on a PAN India level by the Reserve Bank of India (RBI). All the states and union territories with their 66 MICR clearing centres were divided in three grids with their operating centres at Chennai, Mumbai & New Delhi respectively.

MICR clearing centres were divided in three grids namely:

- Southern Grid (9 states 25 MICR centres)
- Western Grid (5 States 20 MICR centres)
- Northern Grid (10 states 21 MICR centres)

P2F Process

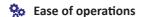
As part of the overall CTS responsibility, NPCI organises Paper to Follow (P2F) sessions at each MICR location, wherein the participating banks can exchange the P2F cheques.



Salient Features

- Stops physical movement of cheques in the clearing cycle.
- Electronic images of cheques are captured and transmitted across the banks.
- 3 types of images are captured & transmitted -
 - Front Gray Scale (Minimum DPI: 100, Format: JFIF, Compression: JPEG),
 - Front Black & White (Minimum DPI: 200, Format: TIFF, Compression: CCIT G4)
 - Back Black and White (Minimum DPI: 200, Format: TIFF, Compression: CCIT G4).
- MICR band data like Cheque Number, MICR Code, Short Account Number, Transaction Code are captured.
- Clearing process carried out on the basis of images captured and sent to the drawee banks.
- The 'CTS 2010 Standards' makes the clearing process safe and secure.

Advantages



® No physical movement cost

Lower processing charges

No encoding cost

Single account

Better liquidity

Online access to images and data

Faster customer credit

Location agnostic

🗫 Automation

No cases of:

Listed but not received

Received but not listed



NPCI provides a composite solution which will take care of clearing and settlement of electronic toll transaction so as to make it interoperable. Post consensus from relevant stakeholders, NPCI formulated to make the existing single party (one bank doing Issuing & Acquiring combined) into a scalable model with multiple Issuer & multiple Acquirer. This is to replicate the payment ecosystem for reaping the benefits of a scalable & self-sustainable model which will drive competition & innovation.

For achieving the above objective, NPCI has built the scheme National Electronic Toll Collection System (NETC System) for Transaction Processing, Clearing & Settlement, Dispute Management and a Mapper for capturing vehicle details. The NETC program, will ensure non-stop vehicle movement at the 350+ toll plazas of National Highways Authority of India across the country.



The RFID tag, marketed as FASTag will offer non-stop movement of vehicles through ETC lanes and convenience of cashless payments of toll fee with nationwide inter-operable network. Customers would also benefit with lower toll fares as Government has allowed NHAI to give cash back incentive for promoting electronic toll payments. With increased adoption, NETC program shall improve transparency in toll transactions and reduce revenue leakages. The program is currently launched on the NHAI toll plaza but soon would be extended to State & City toll plazas and eventually can be used as seamless solution for all parking requirements. The NETC program like other initiatives of NPCI will help us move a step closer towards becoming a cashless economy.

The NETC System consists of the following parties

Issuers - Issuer Bank issues the FASTag to their customers (Vehicle Owner) and link the tag to an account for deduction of toll fare.

Acquirers – Bank acquires the Toll Plaza for facilitating toll transaction & settle the payment to concessioners.

NPCI – NPCI facilitates transaction & settlement between Issuer & Acquirer bank.

Concessioners / Toll Plaza Operators – They provides infrastructure for acceptance of NETC Tag at ETC Lane. There are 6 Issuer Banks - SBI, ICICI, Axis, IDFC, KVB & Equitas Bank who are issuing FASTag.



The Bharat Bill Payment System is national integrated bill payment system conceptualised by Reserve Bank of India and being implemented by National Payments Corporation of India (NPCI). BBPS will provide a one-stop interoperable and accessible bill payment platform to all customers across India for pay any bill "Anytime Anywhere" with utmost ease, certainty, reliability and safety of transactions.

BBPS enables multiple modes of payment like debit card, credit card, net-banking, pre-paid wallets, IMPS, UPI, AEPS etc. and will also provide instant confirmation of payment via an SMS or receipt. To begin with, BBPS covers all important categories of utility billers to enable payment of electricity, telecom, DTH, gas, and water bills through a single window. Over time the biller categories would be expanded to include insurance premium, mutual funds, school fees, institution fees, credit cards, taxes, invoice payments etc. BBPS also provides an effective mechanism to resolve consumer complaints and grievances regarding any bill related problems in BBPS.

SALIENT FEATURES

- Trusted Brand connect and assurance with scheme and standards
- * Accessible on online and offline platforms. Multiple payment modes and channels
- Instant confirmation.
- Access payment history.
- Easy online complaints registration



Participants in BBPS

- 1. **Bharat Bill Payment Central Unit (BBPCU)**: NPCI has been authorised by RBI as the BBPCU which will be responsible for setting standards for all participants, operating the BBPS and enabling inter-operability. The BBPCU will also undertake clearing and settlement activities related to transactions routed through BBPS.
- 2. **Bharat Bill Payment Operating Unit (BBPOU)**: BBPOU is an entity (bank or non-bank) authorised by RBI to handle bill payment aggregation. BBPOU may choose to act as Customer OU or as Biller OU or may wish to participate as both which mean such BBPOU will be integrated with customers as well as billers.

Benefits: Single Integration, reach, standards-driven scheme, guaranteed settlement, centralised admin portal, ability to offer VAS, centralised complaint and dispute management etc.

- 3. **Agent Institutions :** Entities who are currently in bill payment, collection and aggregation business, and would operate through a Customer OU.
- 4. **Agents**: Agents are the customer touch points and service points in the BBPS ecosystem available in the form of bank branches, collection centres, retail outlets and other service points.
- 5. **Biller**: Service providers, who shall receive payments from customers for services rendered. Billers can choose up to two default BBPOUs for participation in BBPS to access the entire universe of consumers and payment channels.



Benefits to Consumer



Accessibility: Facility of paying all bills online as well as offline through easily accessible outlets.



Assisted mode: Assisted mode at agent outlets for digitising transactions.



Convenience & Uniform experience : Convenience, time saving, uniform experience and flexibility of payment channels.



Reliability & Trust: Reliable service with high degree of trust and security.



Instant confirmation : Instant confirmation of bill payment via a payment receipt/confirmation message. The receipt could be in the form of SMS/email/print out as desired by the customer.



Transparent pricing.



Unified Complaints and Grievance Handling.



BBPS - How to pay your bill









Connect to BBPS Bank/non-bank enable
Channel
(Net-Banking / Mobile Banking / Website/

Mobile App / Agent / BC etc.)

Click on BBPS/Bill Pay/ Bill Payment Option





4



Choose select the biller

Enter customer details





Verify the details and pay





Now get your BBPS bill payment receipt



NPCI in News





'Each citizen should teach BHIM app to 125 persons'



New Delhi: Declaring digital pay-ments will help fight corruption and proli-feration of black money Prime Minister Narendra Modi on Sunday said each citi-zen should teach 125

persons how to use the RHIM digital "Remembering Bahasaheb Am-

bedicar you teach at least 125 persons about downloading the BHIM app." Modi said in his monthly "Mann Ki Baat' radio broadcase.

To encourage digital payments af

ter the November demonetisation of high-value currency notes, the government has recently launched the Bharat Interface for Money (BHIM) mobileano

IT Minister Ravi Shankar Prasad said earlier this month that the BHIM

Jai BHIM! PM makes your thumb your bank

Modi launches mobile app for Aadhaar-based transaction

PHS . NEW/DELHI

Jai BHIM...

Modi unveils mobile payments app 'BHIM' to push e-transactions

Move could see Unique Payments Interface gaining traction

will remain open undi April 14 alifying for total prize money of Rs L3

crore, as per the schemes. In addition to this, there are over 14,000 weekly

Help push Bhim app for digital future, says PM

Can you do one thing in the memory of Arnhedkar... leach at least

125 persons about EHIM Ap

Aadhaar-based app launched to simplify digital payments



WHAT IS BHIM?

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'DigiDhan is cleanliness drive against corruption'



PUSHING for a less-gash economy, prime minister Narendra Modi on Priday said the government said the government's DigDhan movement for digful portion is a step to-winds curbing the merace-of corruption. While pay-ing rich tributes to Dr RB. ing rich tributes to Dr RR. Ambedkar in his 123th birth autiversary at the Deekshabhoomt here. Modi also launched two new schemes under the BHIM app for referral bonus to individual users and dash-back for mer-

fiants to incentivise them. This DigiDhan move. ment to a 'safai abhiyaar ss movement) It is to fight the menace of corruption," said ModLad-

dressing, a public tally here. Seeding is to per involugaters to promote cashless transactions, Medi saud, "Fire every person you involuce to the BHM stap, you will set a cash back of list 10. If you can cam fis 200.

The PM had recently expressed gratitude to the people suring over the last lew months: the contamy and witnessed a national will be contained to the contamy and the the Digidhor movement. Commenting on the Audhara-based digital pay-ment mobile application, he said. The BHM appli-positively impacting sever-al lives across the cosmity. "We are reaching a time when the mobile

phones will be where fi-nancial transactions will take place; "he said. Developed by National Paymones Corporation of India (NPCT), the Aud-haar-linked Brazat Inter-face for Money (BHIM)-mobile app is based on the Unified Paymone thorrace (UP). In December 2016, Modi had launched the porta

(UP). In December 2016, Modi had launched the BHIM app for facilitating electronic pawnens by consumers in March, the government laurached Audhoar Park a new Andread Based smartphone app WII paw the way for making digital payments by using the Audhoar app will paw the way for making digital payments by using the Audhoar platform. It will erable every hollan citaren to pay digital Indian citizen to pay digi-tally using their thumb immit on a merchanis' bio-euric-enabled device,



Money in your phone: in name of Bhim, a new payments app

As part of his government's massive digital transactions push, the Prime Minister has launched a UPI-based digital payments application. BHIM. SHBUTIDHAPOLA explains how it will work, and the problems it faces



MODI'S BHIM APP EXPLAINED



A thumbs up for e-banking

TUNING

PM MODI LAUNCHES APP FOR AADHAAR-BASED PAYMENTS THROUGH BHIM



The National Payments Corporation of India on Friday announced the lounch of a mobile application for Audhour-based asymments through the Bhasart Insertice for Money (British) app for merchants. The senice was I awarched by Prime Ministers Narendra Modil in Raggiur on Friday. The

PM launches Aadhaar-based payments through BHIM app

Britise Minister Narendra. Mod on Friday Jeansched the mobile application for Andhran-based payments through the Bharal Interface for Money (Bills) app for merchants, an Raggur. The news sention sailor parchases us ing their Aedhean routiles.

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'With three levels of authentication, BHIM ranks high on safety'

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BHIM flexes digital muscles

JAYATI GHOSE

ow Delhi. Dec. 30: Frime Minister armitra Medi today kranched mobile yment application BHIM or Bhazar in-face for Mosey BHIM is based on the UPI technology.

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A Big Thumbs-Up to Cashless Payments



Cleanliness Campaign Against Black Money

Potential to be a 'Catalytic Agent'

Potential to be a 'Catalytic Agent'

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BHIM to turn thumb into bank



The BHIM UPI is different from app uses PayTM and Mobikwik, UPI as it links directly to technology your bank account IOS users
 The app was not may have easily found on to wait to Android and iOS try it out

needs a thumb impression, and no internet, overs on demonetisation. Justice sold no internet, overs on demonetisation. Justice sold the current sold not supported to be a sup





Union Minister @smritilrani supports the dream of a corruption free India by joining the NITI-led campaign #ipaydigitally.



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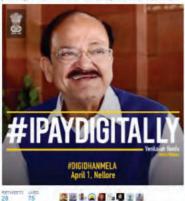
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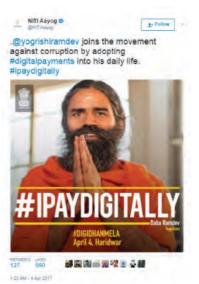
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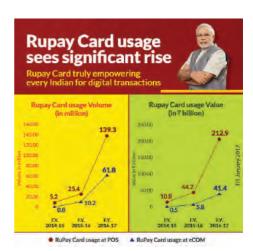








































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