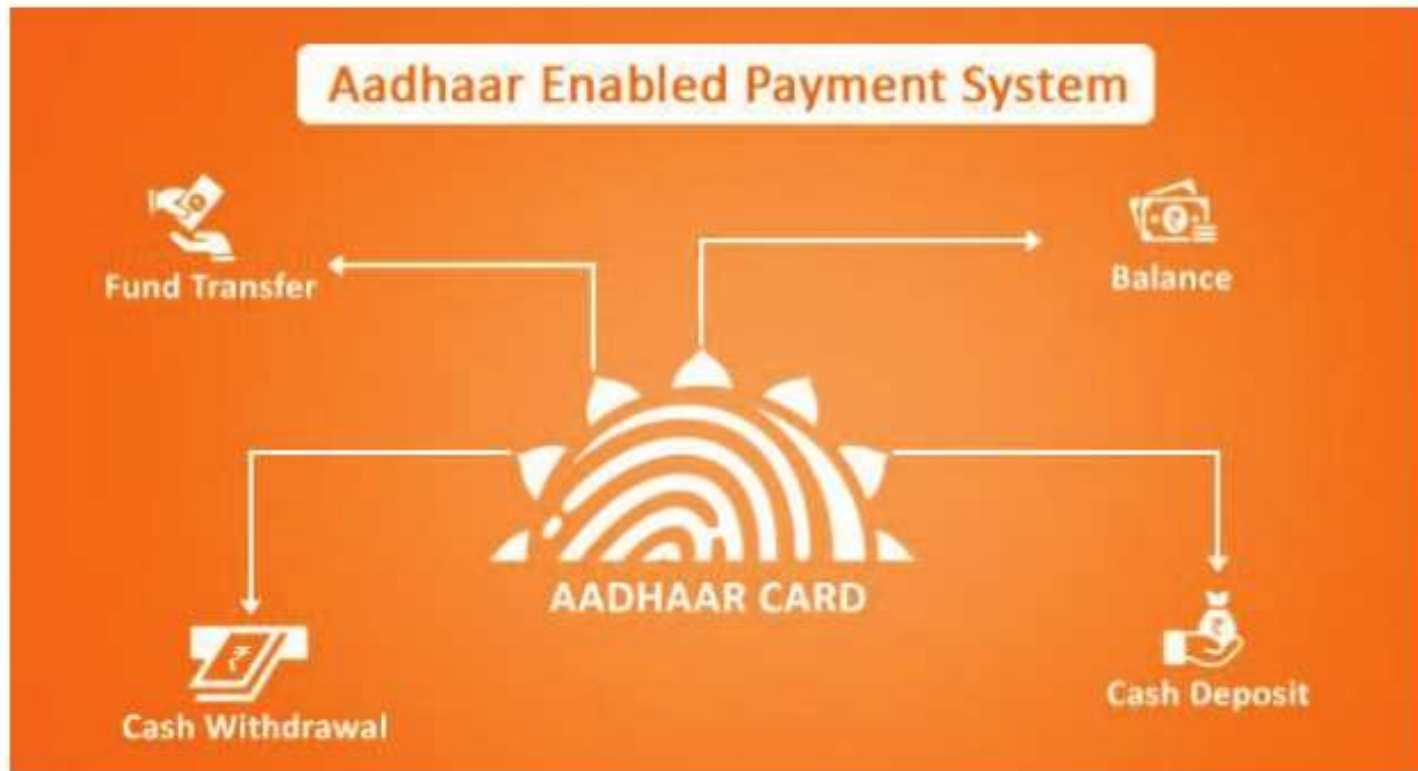




























## 5. Aadhaar Enabled Payment System (AEPS)



## 5.1 Prerequisites

	Payer/Buyer		Receiver(Merchant)	
<b>Smart Phone</b>		Not Needed		Not needed
<b>Mobile App</b>		Not Needed		Not needed
<b>Feature Phone</b>		Not Needed		Not Needed
<b>Banking/ Business Correspondent</b>		Not Needed. Required at the Merchant's side		Required for operating on AEPS MicroATM device. Usually, merchant is the BC
<b>Bank Account</b>		Money will be transferred from this Payer's account		Money is transferred to Merchant's Bank Account
<b>Aadhaar</b>		Aadhaar No is required		Merchant's Bank Account is to be mandatorily linked to his Aadhaar Number
<b>MMID / Other Code</b>		Not Required		Not required
<b>PIN</b>		Not needed but can be required in case of Card Based Transactions		Not Needed

	Payer/Buyer		Receiver(Merchant)	
<b>Aadhaar number registered with Bank</b>		Aadhaar No to be mapped to Bank account for authentication.		Merchant's Bank Account is to be mandatorily linked to his Aadhaar Number
<b>Mobile Network</b>		Not Needed		Not Needed
<b>Internet</b>		Not Needed		Optional. Can happen via PSTN or Mobile GSM (SIM) also
<b>Fingerprint/ RIS Scanner</b>		Not Needed		Optional. Required for biometric authentication with Aadhaar
<b>Mobile number registered with Bank</b>		Optional. If he wants to receive alerts and confirmations for the transactions, he will also then need a mobile phone		Not mandatory, but needed to get the receipts/ SMS
<b>AEPS ATM/ Micro ATMs</b>		Not Needed		Needed to initiate payments using Aadhaar no, fingerprint scanner

## 5.2 Steps Involved

### 5.2.1 For Transactions

Step I: Go to Micro-ATM



Step II: Select option like

- Cash withdraw
- Deposit Cash
- Pay
- Check Balance
- Mini Statement



Step III: Enter Pin Number



Step IV: Enter Location Code



Step V: Enter your Adhaar Card Number



Step VI: Scan your finger print



Step VI: See 'Transaction Successful' message



Collect Receipt



## 5.3 Frequently Asked Questions on AEPS

### Q) What is AEPS?

AEPS is a new payment service offered by the National Payments Corporation of India to banks, financial institutions using 'Aadhaar'. AEPS stands for 'Aadhaar Enabled Payment System'.

### Q) How does AEPS work?

Aadhaar Enabled Payment System (AEPS) is a bank led model, which allows online financial inclusion transaction at Micro-ATM through the Business correspondent of any bank using the Aadhaar authentication. This system is designed to handle both ONUS and OFFUS requests seamlessly in an effective way by enabling authentication gateway for all Aadhaar linked account holders.



**Q) What is Aadhaar?**

Aadhaar is a unique identification number issued by the Unique Identification Authority of India (UIDAI) to any resident of India.

**Q) Can any customer be a part of AEPS?**

Any resident of India holding an Aadhaar number and having a bank account may be a part of the Aadhaar Enabled Payment System.

**Q) Does the customer needs to have a bank account for availing AEPS?**

Yes, the customer needs to have a bank account for availing AEPS.

**Q) What is the process for enabling AEPS?**

Customer should have an Aadhaar (Unique ID as issued by UIDAI) number linked with any bank account (bank should be a part of AEPS network) where customer has an account. The registration process shall be as per the procedures laid down by the bank providing AEPS service.

**Q) Is the beneficiary customer also required to register for AEPS?**

No.

**Q) Can AEPS happen within which accounts?**

AEPS only support transactions between Aadhar linked Bank Accounts.

**Q) What is a Business Correspondent (BC)?**

Business Correspondent (BC) is an approved Bank Agent providing basic banking service using a MicroATM (terminal) to any bank customer wishing to avail their bank BC service.



**Q) What are the transactions supported by AEPS?**

Four types of transactions are supported by AEPS.

- ✓ Balance Enquiry
- ✓ Cash Withdrawal
- ✓ Cash Deposit
- ✓ Fund Transfer

**Q) What is required for transacting via AEPS?**

Aadhaar No., Bank's IIN, Fingerprint and Aadhaar No. of beneficiary

**Q) What is an IIN?**

IIN is a six digit number which identifies your Bank with which you have mapped your Aadhaar number.

**Q) Can a customer link more than one account to the same Aadhaar Number?**

Yes. The customer can link the same Aadhaar number to more than one account subject to bank offering that feasibility. However, only one account per customer in the bank will be the primary Aadhaar linked bank account into which all respective AEPS transactions will be effected.

**Q) Is there any limit on the value of transactions in AEPS?**

Aadhaar based accounts would be opened on the basis of simplified KYC guidelines. The bank with which you have linked your Aadhaar Number would set the appropriate limit per transaction or in a given day.

**Q) How are the Customer's IIN & Aadhaar Number added in the respective fields on the MicroATM terminal?**

At the MicroATM Terminal, the customer has two options. He can either manually input the required information in the respective fields or he can swipe a RuPay ATM & MicroATM card with Aadhaar number that would extract the relevant data from card and present for further transaction processing.

**Q) What is POS?**

A Point of Sale-PoS device is used to facilitate customers to make Cash Deposit, Cash Withdrawal, Fund Transfer and Balance Enquiry. The POS device may be a MicroATM.

**Q) What is Mobile Based PoS?**

The mobile has an Application that allows customers to enter the customer and transaction details. The mobile is linked to the printer-cum-scanner through Bluetooth which scans the fingerprint data put in by the customer. When the transaction is completed, the customer receives a transaction receipt stating the finality status.

**Q) What is a POS based Model?**

This model has an in-built keypad, printer and scanner. The customer can enter their details using the keypad and verify the same on the screen. They can place their finger on the scanner and accept the receipt upon successful completion of the transaction.

**Q) When does the settlement happen?**

The cutover of AEPS transactions happens to 23:00 hours each day. All transactions before this time are included in the settlement for that particular day.

**Q) How is the settlement affected?**

The settlement is affected by NPCI's Real Time Gross Settlement (RTGS). As a joining procedure, the participating banks need to submit a mandate for crediting and debiting their RTGS accounts with the RBI in favour of NPCI. On the basis of this mandate NPCI would affect the settlement by debiting/ crediting respective bank's Current Account/s with such sums as may be specified by the NPCI in its settlement instructions. The draft for all the documents will be provided by the AEPS NPCI team when a bank envisages interest in joining the network.

**Q) Which banks are members of AEPS?**

Currently, the banks that are members of AEPS are ICICI Bank, Union Bank of India, Bank of India. A link is provided in AEPS section of NPCI website which will host current banks under certification.