



# Moneta

Providing powerful remittance solution for banks, third party payment providers and exchange aggregators

TPS introduces Moneta, a remittance processing system which facilitates in bringing remittances from various exchange companies, remittance aggregators, third-party payment providers and banks to beneficiaries within the country. The solution is capable of interfacing with several financial entities through different medium.

Moneta is a secure remittance processing system which provides end-to-end processing of home remittances on a near real-time basis. It facilitates in aggregating remittances from various exchange aggregators and banks to beneficiaries within the country. The solution is capable of interfacing with several financial entities through different interfaces. The system is scalable and supports on the fly addition of new exchange companies and channels. It also allows the configuration of message/ file formats for each channel and exchange company and records maintenance of each transaction.

## *Solution Architecture*

The Remittance Processing System consists of the following architectural components:

## Features at a Glance

- Moneta offers pre-staging [iPark] feature to prevent transaction rejections due to low balance or other operational issues
- Web-service interface provided for companies which are not operating on file-based systems. These interfaces support both Push and Pull remittances
- Enables transactions through RTGS file received by the host bank from correspondent banks
- Users allowed to make corrections even after initiating a transaction
- Ensuring auto cleansing and proper scrutiny of every transaction
- AML checking service compares cleansed transactions with list of 'Politically Exposed Persons and heightened risk individuals and organisations'
- Facilitates multiple payment/disbursement options
- Several reports made available to facilitate the remittance procedure and banks
- Ready available rebate reports for rebate collection
- Comprehensive dispute management system
- SMS and Email alerts to the beneficiary and remitter

## Business Advantages

The system is designed to process maximum number of transactions to prevent loss of business and revenue. iPark module, transaction cleansing, AML, disbursement and dispute are developed to reduce the likelihood of transaction failure.

The solution supports international as well as domestic remittances, which can be initiated as well as disbursed through both OTC and account based channels.

The solution is designed to support integration with different entities to support different business aspirations. Franchisees can be used for disbursements and initiations, AML operations can be outsourced to third party systems are just a few examples of this flexibility.

- Corridors and Franchisees
- Remittance Processing System
- Middleware Switch
- Host Bank
- 1Link Member Beneficiary banks
- Other Beneficiary banks
- SBP PRISM



## Capabilities:

### *Seamless file import mechanism*

The import module of Moneta is responsible for importing files coming in from different exchange companies or correspondent banks. The Moneta import service monitors the folders designated for exchange companies and imports the files as and when they come. Pre-Staging enables Moneta to reduce transaction rejection rate by parking the transactions that failed to process or complete, and allows those transactions to be imported again.

Moreover, RTGS import module imports transactions through RTGS files received by the host bank from correspondent banks. This requires the correspondent bank to be defined as an Exchange Company in Moneta.

Moneta also provides a dispute management system in which all the transactions which were not processed for any reason by host bank will be parked. A back-office user can amend, retry and cancel such transactions.

### *Auto Cleansing*

The remittance scheduler service processes the transactions on the basis of status. An anti money laundering (AML) checking service compares all the attributes of cleansed transactions with a list of 'Politically Exposed Persons and heightened risk individuals and organisations'. After comparison the service stores a count of attributes matched for each transaction with it. Besides storing the matched attributes, it filters out the transactions with matched attributes, and parks them on AML screen for manual screening.

### *Corridor Management*

An exchange company is an institution that initiates and forward transactions to beneficiary bank through file. There can be another type of institution called franchisee that can initiate and disburse transactions through web-based application as well as API on behalf of the host bank. A corridor can have multiple franchises and subsequently a franchise can have multiple initiating and disbursing agents.

The end users of Moneta are provided with an exchange company management portal. This portal allows them to add franchisee against the corridors, and agents against each franchise.

### *Ensuring Secure Transactions*

The remittance processing system strictly employs and implements the security protocol. In order to avoid misuse of user data and other malicious activities, user passwords are hashed before storing in the database.

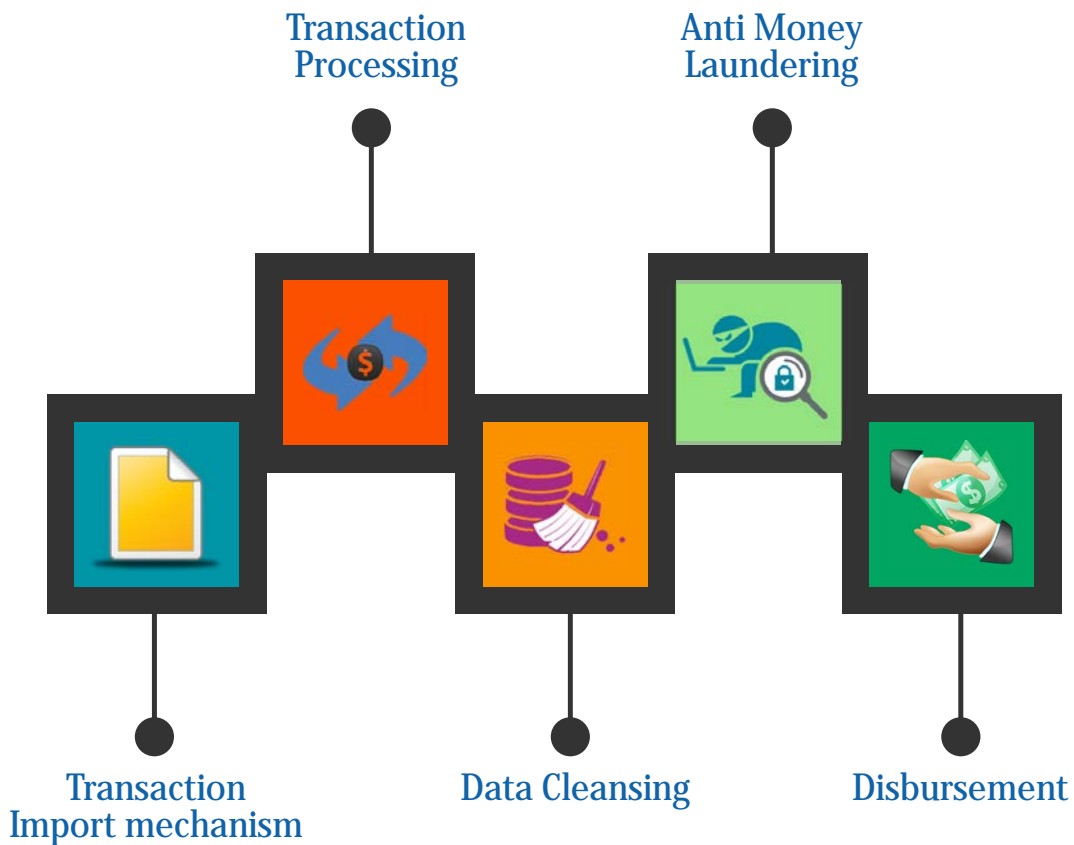
A web service is exposed by the host system to mark the transaction status from 'OK' to 'disbursed' once the cash has been collected by the beneficiary. The RG assigns a user ID and password to the host system in order to authorise this web service. It follows PCI DSS recommended password policy.

The remittance processing solutions can be configured to generate SMS and Email alerts to the beneficiary and remitter. For cash-over-counter transactions, alerts will be generated when transaction is ready for disbursement.

*Reports for Customer Facilitation*

Several reports are available to facilitate the remittance procedure and bank. Following is the list of reports available:

- Transaction Summary Report
- Import summary Report
- Import Detail Report
- Pay Order Report
- Disbursement Report
- Cleanse Maker/Checker Report
- RTGS Report
- IBFT Report
- Rebate Report
- Role Detail Report
- User Status Report
- User per Transaction Limit Report
- Offline Dispute Report
- Re-activated and Expired Transactions Report





IDEAS THAT **CONNECT**  
INNOVATION THAT **DELIVERS**

## TPS Advantage

TPS is a leading provider of cards and payment solutions trusted by over 130 customers spread across 30+ countries including Asia and Africa with increasing footprint across other regions. Our solutions focused on mobility and reliable services enable banks, telecoms, central banks, payment processors, national switches and other institutions in their mission critical digital banking, cards and payments services. TPS is a leading provider of cards and payment solutions trusted by over 130 customers spread across 30 countries in Asia Pacific, Middle East, Africa and Europe. Our mobility focused solutions and reliable services empower financial institutions, telecoms, central banks and payment processors in their mission critical digital banking and payment services.

We offer a blend of business consulting and technical expertise in cards management, ATM and POS terminal driving, merchant management, bill aggregation, payment gateway, remittance processing, internet and mobile banking, Omni-channel management and enterprise payment switching services.

*For sales and partnership opportunities contact [sales@tpsworldwide.com](mailto:sales@tpsworldwide.com). For product and company details visit [www.tpsworldwide.com](http://www.tpsworldwide.com).*

