

PSPA MIS WING Working Model:

A) Registration Process

1. SMS Gateway Integration:

- a. SMS Aggregator Service
 - i. Integration with JAZZ/Mobilink/Warid, Ufone, Telenor and ZONG (4 TELCOs)
 - I. Creation of Secure VPN Tunnel for data communication
 - II. API integration for SMS / Data transfer
 - III. Storing/forwarding the SMS received to PITB
- b. SMS Broadcast/reply Service
 - i. Integration with Ufone for sending replies to each enquiry
 - ii. Receiving the replies from PITB and forwarding them to Ufone
- c. Two Way Integration with PITB for sending and receiving the SMS messages
- d. LOG maintenance of all activities
- e. SMS Message Que Management for ensuring loss-free communication with TELCOs and PITB
- f. Server load balancing for ensuring optimized performance within available resources
- g. Server management for optimized response time
- h. Portal management for optimizing credit limit management
- i. Communication with TELCOs regarding incoming traffic issues and with Ufone for outgoing traffic issues

2. Web Portal Registrations:

- a. API integration for providing One Time PIN (OTP) code from 8123 SMS service against each applicant's phone number for validating the phone number during the Web registration portal.
- b. Sending SMS response messages from 8123 SMS Service after successful registration by entering OTP.

3. E-Khidmat Marakiz Registration

- a. API integration for sending successful registration messages from the 8123 SMS service.

4. Merchant Registration

- a. API integration for sending OTP and successful registration messages from 8123 SMS service.