Mbanq Cloud

Product Features

Overview

The Mbanq Cloud consists of the following applications:

- **Mbanq Backoffice** — a web-based backoffice for business users of a bank
- **Mbanq Console** — a web-based interface to manage your banking instances. Useful for IT users.
- **Mbanq API** —a RESTful API that provides complete access to the functions of our digital core banking system
- **Mbanq Web** — a template web banking app for the clients of a bank

All features described below are available through the Mbanq Backoffice, as well as our API.

Client Management

- Client Management — create, approve, activate, update, close, search, filter, list, import
- Maker/Checker workflows for client management
- Client addresses
- Family associations
- Client identities, documents, signatures, notes
- Client Charges
- Overview of accounts - current, savings, loan accounts, fixed and recurring deposit, and share accounts
- Transfers / withdraw / deposit
- Assign Staff
- Assign / Transfer Client to branch/office
- Client surveys
- Easily extend attributes of a client through the backoffice web interface or API
- Create / view / manage standing instructions

Current Accounts / Savings Accounts

- Account creation, approval, activation, update, closure
- Maker / Checker workflows for account management
- Deposit / Withdraw
- Calculate Interest, Post Interest
- Assign Staff
- View / Export Transactions
- Add Charge

Payment Rails

- ACH
- Fedwire
- SWIFT
- RTP
- Check 21 processing
- Card issuing
- Card acquiring

KYC in the United States

- Address risk assessment
- Email risk assessment
- Phone risk assessment
- Device risk assessment
- SSN verification and matching
- OFAC screening
- Document verification
- Liveliness checks

KYB in the United States

Transaction Data Enrichment

Loan Accounts

- Loan applications - create, update, approve, disburse, …
- Maker / Checker workflows for loan management
- Add loan charges
- Prepay Loan
- Assign Loan Officer
- Foreclosure
- Make repayments
- Disbursal / undo disbursal
- Waive Interest
- Reschedule
- Write-off
- Close
- Manage Guarantors
- View Repayment Schedule
- View / export loan transactions
- Manage loan documents and notes

Share Accounts

- Maker / Checker workflows for accounts' creation/approval/activation/closure
- Manage share accounts

Product Portfolio Management

- Current Account / Savings Account Products
    - currency, nominal annual interest, minimal opening balance, lock-in period, apply fees for transfers, balance required for interest calculation
    - minimum balance, allow overdraft, maximum overdraft limit, withholding tax
    - number of days to inactive, number of days to dormant, charges, accounting
- Loan Products
    - start date, stop date, fund, currency, installments, principal
    - number of repayments, interest rate, amortization
    - interest method, interest calculation period, repayment strategy, moratorium, interest free period, days in year, days in month, fixing installment amount, interest recalculation
    - variable installments allowed, multiple disbursals, configurable terms and strategies for individual loans, charges, accounting

- Share Products
- Charges
- Product Mixes
- Fixed Deposit Products & Recurring Deposit Products
- Tax Configuration
- Floating Rates

Microfinance Groups / Centers

- Manage groups and centers for microfinance — create / update / search /list
- View / manage group savings and loan applications
- View / manage members of groups
- Assign groups to staff

User Administration

- Manage users
- Assignment to office/branch
- Assignment to staff
- Role assignment

Organization Management

- Manage Offices / branches
- Manage Holidays
- Manage Working Days
- Manage Employees
- View / Search Standing Instruction History
- Manage Password Preferences
- Manage Loan Provisioning Criteria
- Manage Currencies
- Manage Funds
- Bulk Loan Reassignment
- Teller / Cashier Management
- Manage Payment Types
- Manage SMS Campaigns
- Bulk Data Import

System Management

- Easily extensible system codes (e.g. client classifications, address types, statuses, countries, etc...)
- Manage roles and permissions
- Maker / Checker rules
- Manage Webhooks
- Manage Surveys
- View Audit Trails
- Manage Reports
- Schedule Jobs
- System Configuration
- Account Number Preferences
- Manage Multi-factor authentication

Accounting

- Chart of Accounts
- Frequent Postings
- Add / Search Journal Entries
- Closing Entries
- Accounting Rules
- Accruals
- Provisional Entries

General Mbanq Backoffice Features

- Notification Inbox - for Mbanq Backoffice users
- Keyboard Shortcuts - and menu setup for quick access to commonly used functions

Mbanq Console

- Manage Banking Instances — quickly provision and manage your banking instances
- App Management - manage apps and credential
- Teams - manage organization and teams of technical users

API & Extensibility

- **RESTful API** - covering the complete functional of the Mbanq Cloud digital core.
- **API Management** - enables you to provide OAuth 2 credentials to internal services and external services.
- **OAuth 2** - authentication to the Mbanq Cloud API using OAuth 2, supporting multiple OAuth flows.
- **Webhooks** - many events in the Mbanq Cloud digital core can trigger calls to webhooks
- **Data Tables** - Easily extend core objects (clients, accounts, products, and more) through the Backoffice or API

Security

- **Multi-Factor Authentication** - support in the Mbanq Backoffice. Second factor as email (available now) or SMS (2019). Additional authentication methods can be added on request.
- **Maker / Checker** - module provides the ability for many functions in the digital core to require 4 eyes, one person to make the change, and another to approve it. The functions requiring approval are fully configurable.
- **Password Policies** - configurable password polices for users
- **Roles / Permissions** — extensive permission and role system
- **CORS, HSTS, TLS 1.3 and Content Security Policies** - configured by default

Reports

- Active Clients
- Active Group Leaders
- Active Loan Clients
- Active Loans — Details
- Active Loans — Summary
- Active Loans by Disbursal Period
- Active Loans in Last Installment
- Active Loans passed Final Maturity
- Aging Detail
- Aging Summary (Arrears in Months)
- Aging Summary (Arrears in Weeks)
- Client Listing
- Client Loans Listing
- Dormant Prospects

- Expected Payments by Date (basic)
- Funds disbursed between dates
- Funds disbursed between dates by office/branch
- Loan Payments Due
- Loan Payments Due (Overdue Loans)
- Loan Payments Due (Active Loans)
- Loans Awaiting Disbursal
- Loans Awaiting Disbursal by Month
- Loans Pending Approval
- Obligation Met Loans Detail
- Obligation Met Loans Summary
- Prospective Clients
- Rescheduled Loans
- Account Dormancy Report
- Written-Off loans