

Mobile Banking Solution

A comprehensive and flexible mobile platform for creating and launching innovative mobile applications for the consumer and merchant segment

INTRODUCTION

The mass adoption of technology across various customer segments, owing to the emergence of smartphones and easy availability of networks, paved the way for increased customer expectations, complex product mix and alternate channels as emerging trends in the banking industry resulted in various payment instruments which in turn can be used for making cashless and cardless payments at merchant locations.

MOBILE BANKING SOLUTION

The Mobile Banking Solution from YALAMANCHILI provides an integrated platform to both the consumer and the merchant for performing financial transactions. This innovative “card-not-present”, QR based payment method, allows the consumer to pay to the merchants for a wide range of goods and services, instead of using the conventional cash, cheque or a physical card.

With the QR code enabled mobile wallet solution, the consumer is empowered to initiate & authenticate the payment to the merchant without having to provide any card details or credentials, thus both speeding up the e-commerce payment and making the transaction secure.

The mobile application works in both Android and iOS smart phones.

SOLUTION DIFFERENTIATORS

- End-to-end service oriented , all-inclusive and secure mobile application solution for payments.
- An interoperable payments solution that adds robust and scalable payment function to accounts from participating clients and partners.
- Modular solution architecture ensures easy upgradability for functionality enhancements and can be customized to suit your business needs.
- The solution is adapted for a card-less (no plastic card), device-less (no POS machine) operation, offered for a full range of card products including credit, debit and prepaid cards, with automatic app updating.
- Complete operations management providing secure and controlled access to different user groups performing various functions.
- Globally interoperable standards, which can work on any connected mobile device and also with fast evolving digital POS environment technologies like QR code, NFC, BLE etc.
- Consumer data is well protected, potentially tokenized, thereby decreasing the risk of exposure.
- The intuitive and user-friendly interfaces gives both the consumer and the merchant, the benefit of a more uniform experience coupled with familiarity and convenience.

*We will
empower you
to drive the
success of
your business*

We've provided our solutions and services to organizations of all sizes and ensured increasing efficiency and operational performance.

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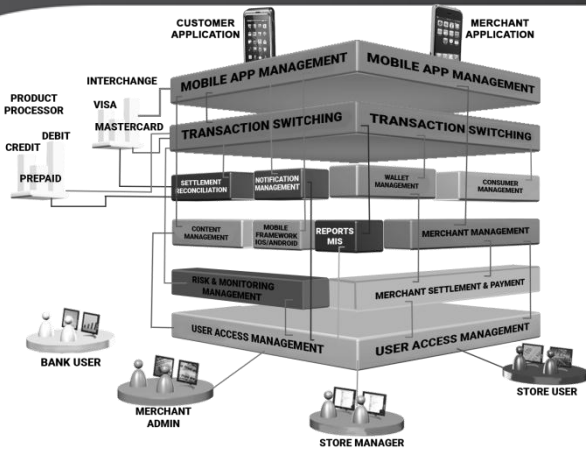
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Mobile Banking Solution

PLATFORM ARCHITECTURE

The NARADA® Platform has been developed from the ground up using open system standards and tools including C++ and Java. The mobile applications are developed using an in-house framework simplicity, security and flexibility. Mobile framework App is a dynamic rendering app which constructs the behavior and functionality by itself using user defined parameters in Android and iOS platforms.



MOBILE APP MANAGEMENT

It is a comprehensive model developed for simplicity, security and flexibility. This mobile application is aimed at Android and Apple markets.

QR BASED PAYMENT

Facilitates immediate credit of funds in the merchant's account/wallet through a pre-authorized credit push. The consumer just has to scan the QR code, enter the amount and authorize the transaction.

TRANSACTION SWITCHING

Facilitates communication between the Mobile Apps, Bank Product Processor(s) and the interchange. Supports different protocols; Standard (ISO 8583, JSON, XML, API etc.) and Non standard message level interfaces; Support Scan to Pay(mVISA), Masterpass, BharatQR and proprietary QR based payments.

PAYMENT PRODUCTS INTERFACE

Supports interfacing with Bank Payment Products - Debit, Credit and Prepaid Hosts. Facilitates the messaging using ISO 8583, API web services and any proprietary messaging standard to access the Customer, cards, account and transactional information. Also supports the generation of QR code and links the same with any of the payment card product to enable the QR based payments.

RISK MANAGEMENT

Flash Fraud Alert System with configurable Risk profiles & risk rules; Monitoring of Merchant credits; Consumer and merchant Notifications. Customizable decision setting for risk transactions.

NOTIFICATION MANAGEMENT

Facilitates the transaction completion by sending notifications to both consumer and merchant via in-app notification, FCM, emails and texts.

MOBILE WALLET SERVICES

To facilitate customers to use their Mobile Wallet as a funding account to pay at a Merchant location without having to use your plastic card to make a payment. Merchant can also create a transactional account to collect the fund from the customers. These support mVISA, BharatQR, MasterPass QR both acquiring and payments.

MERCHANT MANAGEMENT

To facilitate merchant to view the transactions acquired via POS and QR code. Also empowers the merchants to view settlement reports, transaction statistics and track purchase & transaction volume trends and provide instantaneous feedback to disputed transactions.

MERCHANT PAYMENT PROCESSING

Supports the calculation of merchant discount rate online and then generate the merchant payment advice to the core banking current account. Facilitates Payment at Merchant / Store level; Multi-currency settlement; Payment Frequency setting; Ability to hold payment; Generate duplicate payment advice.

ABOUT YALAMANCHILI

YALAMANCHILI is a leading technology solutions provider that designs and implements customized, flexible, scalable and innovative banking and payment solutions for clients around the world.

The company's solutions are focused in the areas of prepaid, credit, debit, and commercial cards, as well transaction processing and customer service delivery channels. Whether it's an individual product, an end-to-end solution or the provision of a fully-outsourced service, YALAMANCHILI's solutions are enabling its more than 150 clients in 50 countries around the world to stay at the forefront of global industry developments.

Need more information?

For more information on our products and services or to request a demo, visit:

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