

FinTech

Maintenance

Managed Services

# LCM for a Mobile Wallet App

Requirement Gathering & Solution Design  
Post Deployment Support & Annual Maintenance  
Technical and User Documentation  
Language Translation

*Software Maintenance*



Integra Micro Software Services

## About Client

The client is a leading provider of innovative solutions for mobile and financial service providers for more than 30 years more than 100+ customers in over 65 countries. The Key solutions offered are in the Mobile Recharge Topup, Mobile Money, International Remittance & varied Value Added Services. Mobile Money Services allow operators and financial service providers to build offers which are optimized to their needs.

## Business Need

The client is having Mobile Wallet platform deployed at various operators supporting both the end customer and agent network through the USSD based and web based front end. In order to address the changing trends in the market the client extended the services through Smartphone applications on Android and iOS.

## Engagement Scope

Integra helped the client to build and launch Smartphone Mobile Money application with additional features for both consumers and agents, in five different languages.

- Requirement Gathering
- Solution design
- Language translation
- System Testing
- Technical and user documentation
- Post Deployment Support and Annual Maintenance

# Challenges

- Single source code base to support multiple customer base and integration with dual back-end platform versions
- Fully configurable Product
- Branding , Labels, date, currency, amount and numbers
- Application features
- Configure required set of features per distribution/customer
- Configure connectivity with required back-end server - 3.0 or 2.0
- Multi-languages static textual content through property file – English, Russian, Armenian, Somali & Arabic, with required as ascent.
- 8 different versions of the platforms
- 15 different smartphones
- Addressing change request from static UI screens to Dynamic UI for some of the features in the middle of the project.
- Delay and changes from the backend API's
- Integration information with 3rd party systems.
- Interaction with various stakeholders across globe.

# Our Solution

- The solution follows Native application development with layered approach and functionalities are implemented layers
- The **User Interface layer** is built using a combination of Menu, Sub Menu, Forms and Transaction Summary screens. Forms will successfully collect the inputs from the user.
- The **Business Logic layer** will hold complete control of the applications and uses the communication layer to communicate with the web services provided by the Pay Mobile servers.
- The **Security layer** is mainly for handling the PIN and data that is communicated over internet which ensures the bidirectional encryption of communications between the client and the server thus preventing the eavesdropping, tampering with and /or forging the contents of the communication.
- **The communication layer of data is through SOAP messages from start point to end point and uses POST only over HTTP/HTTPS.**
- The user sessions are managed on server side with configurable expiration settings.

## BENEFITS

- Go to market as per the plan and schedule.
- Offer services via more channels like Mobile applications on different platforms
- Fully configurable product for a quick branding or white labeling to multiple customers
- Ease of use of applications by the consumers and Agent network

## TECHNOLOGY HIGHLIGHTS

Mobile platforms

Android (2.3 to 4.3), iOS (5.0 to 8.0)

SOAP Web services

XML

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## Shorten the development life cycle

For more information, reach us at [enquiry@integramicro.com](mailto:enquiry@integramicro.com) or [integramicroservices.com/contact](http://integramicroservices.com/contact)



Integra is a leading provider of software services specialising in BPM, FinTech, IoT, Mobile Communications and Enterprise Mobility. With a strong track record across these domains, proven expertise and knowledge, we are an ideal partner for technology and solutions development.

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