



**MODUSBOX**

# ModusBox Community Work

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**Kent Brown**  
CTO

**James Bush**  
Principal Architect

**Steve Haley**  
Economic Development  
Director

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# SDK Updates

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## SDK Summary of Q1

At the end of Q1 for SDK the current available version of SDK is v9.4.8 that includes the next list of new features:



# SDK Features completed in Q1



- **SDK Circle CI**

Circle CI Config improvements



- **GET /transfers on inbound and outbound interfaces**

Implement GET /transfers on inbound and outbound interfaces



- **Extension List Capability**

Implement extension list capability on all incoming and outgoing API methods



- **Support for Merchant Payment**

Support Transaction requests API Call for Merchant Payment



- **Generic API proxy**

For calling supplementary switch services e.g. reporting.



# SDK Changes

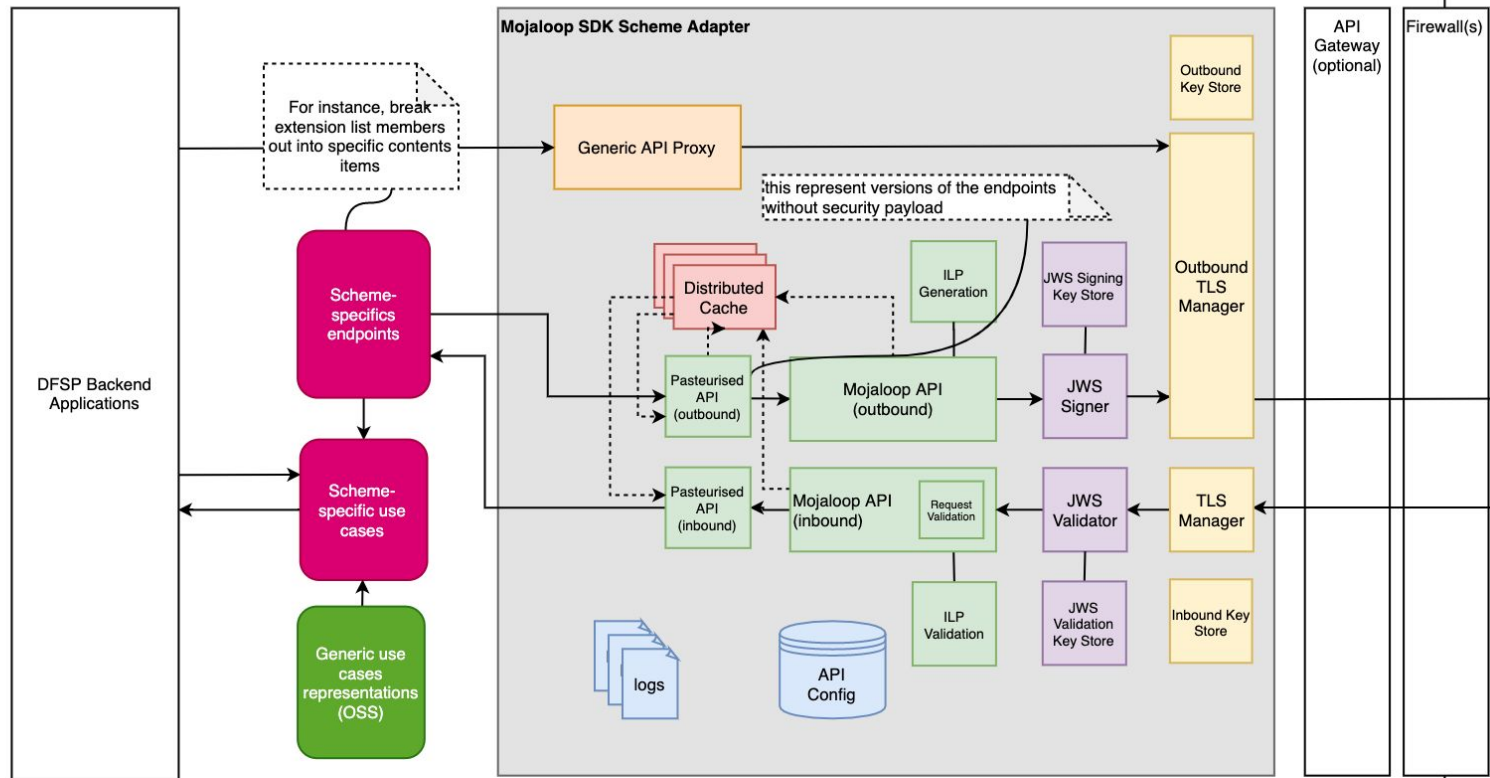
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These are the changes proposed for the SDK internal architecture:

- Implement a pasteurised API for inbound and outbound, that will represent versions of the endpoint without security payload.
- Implement scheme specific use cases
- Implement generic use cases representations



# SDK architecture proposal



## Features Candidates

SDK-E-13 SDK- Pasteurised API

SDK- Implement Pasteurised API

SDK-E-20 SDK-Specific Endpoints

SDK- Implement Scheme Specific endpoints

SDK-E-21 SDK-Generic use cases

SDK- Implement generic use cases representations

SDK-E-10 SDK - Configurable retries

SDK- Configurable retries

SDK-E-9 SDK - Timeouts

SDK- Configurable timeouts

SDK-E-7 SDK - Configurable API

SDK- Configurable Backend API



# Forex Platform Updates







### P2P Transactions

- Quotes – Send & Receive
- Transfers – Send & Receive
- Rounding management
- Diminishing Quote Expiry ( to reduce non transacting time)



### Exchange Rate Management

- Creation/Suspension of an FX Channel
- API to add new Exchange Rate
- Import Exchange rate Automatically via SFTP



### **Settlement – TMF – Treasury Management Function**

- Close settlement Window
- Perform settlement on behalf of Hub
- Update Hub settlement Ledgers with Rounding Difference
- Create Forex Order
- Create Payment File



### **Deployment Management**

- Docker Container for Server
- Helm Charts for CI/CD
- Release Management Scripting

# FXP Roadmap

## Next items to be delivered

FXP-44 FXP : Exchange Rate Enhancements Ready to develop	0 New
FXP-42 FXP : Enhance to enable Multiple Currency channels In design	0 New
FXP-24 FXP : Hub Reconciliation Ready to develop	0 New
FXP-36 FXP : Ledgers at FXP In design	0 New
FXP-41 FXP : Create Inbound Payment File Under consideration	0 New
FXP-48 FXP : Local Payment File Under consideration	0 New

## Future Candidates

FXP-40 FXP : Separate FXP and TMF Under consideration	0 New
FXP-46 Strategic Settlement solution Under consideration	0 New
FXP-30 FXP Portal Under consideration	0 New
FXP-28 KYC - Ensure KYC checks Performed at Monetary Zones Under consideration	0 New
FXP-32 KYC - User level limits Under consideration	0 New
FXP-37 FXP : Automate Payment file and Forex Order ( Citi) In design	0 New
FXP-29 Fraud Under consideration	0 New
FXP-39 DFSP Portal Under consideration	0 New



# Thank you!

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Steve Haley

[Steve.Haley@modusbox.com](mailto:Steve.Haley@modusbox.com)

James Bush

[James.Bush@modusbox.com](mailto:James.Bush@modusbox.com)

Kent Brown

[Kent.Brown@modusbox.com](mailto:Kent.Brown@modusbox.com)

Rob Reeve

[Rob.Reeve@modusbox.com](mailto:Rob.Reeve@modusbox.com)

@modusbox

