



# Participation Tools

Workstream Update  
September 2024



# Workstream Update



Workstream Name:	Participation Tools
Roadmap Pillar:	Pillar 1: Make adoption easier
Lead:	James Bush
Workstream Objectives:	<ol style="list-style-type: none"><li>1. Foster a vibrant and diverse set of open-source participation tools which remove or reduce barriers to DFSP participation in Mojaloop schemes.</li><li>2. Gather and document stakeholder requirements, for participation tools.</li><li>3. Coordinate community contributions to deliver solutions which meet stakeholder requirements.</li></ol>
Progress Against Objectives:	<ul style="list-style-type: none"><li>• Work in progress on lightweight integration toolkit, based on SDK, targeting small DFSPs.</li><li>• Considerable amount of product thinking and community discussion has occurred.</li></ul>
Roadblocks:	Resource limitations: Committed resources from community and adopters.
Support Needed:	<ul style="list-style-type: none"><li>• Product input from community members, adopters, DFSPs &amp; System Integrators (both technical and business focused input)</li><li>• Software engineering contributions to work on SDK, PHEE etc...</li></ul>



# Focus areas for this PI

1. Reducing infra requirements for running “SDK” based integration layers at DFSP.
  - a. To suit smaller DFSPs with modest budgets.
  - b. Modular approach so adding resource intensive use-cases like “bulk transfers” can be done incrementally.
1. Facilitating “low code” integration with DFSP backends.
  - a. Reduce time, cost and risks to integrate with Mojaloop schemes.
  - b. Utilise existing open-source off-the-shelf tooling.
1. Improving documentation and off-the-shelf tools for DFSPs and system integrators to simplify and encourage best practice for integrations, reducing time, cost and risks.



# Focus areas for this PI

4. Rebranding of the “Mojaloop SDK Scheme Adapter”
  - a. This component has evolved significantly over the past 4-5 years. New features and capabilities have been added and it is now a stand-alone integration layer component and not a code library.
  - b. Its current name is no longer descriptive.

Say “Hello!” to the...



Mojaloop Integration Toolkit (ITK)



# Mojaloop Integration Toolkit (ITK)



Q: What is the Mojaloop ITK?

A: Software components, tools, utilities, training materials and documentation to support DFSP onboarding to Mojaloop schemes.

1. Lightweight software components targeting very low cost hardware (<~USD100) with full Mojaloop security (mTLS, JWS etc...)
  - a. Modular -> add larger features (e.g. Bulk transfers) and larger enterprise grade redundancy when needed.
2. Ease-of-use features
  - a. Simple setup and long term maintenance features e.g. pre-built OS images, wizards, config UI
  - b. Low-code backend integrations with “core connector” pattern (library of pre-built connectors for common backends)
3. Training materials and documentation
  - a. Documented best practices
  - b. Process documentation templates



Grateful thanks to all contributors!



# Reach out to participate



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