

Mojaloop 3PPI Enablement PI-19

3PPI team

Mojaloop PI-19 community event - July 2022



Agenda



1. 3PPI features status
2. PI-18 overview for 3PPI
3. 3PPI roadmap, enhancements



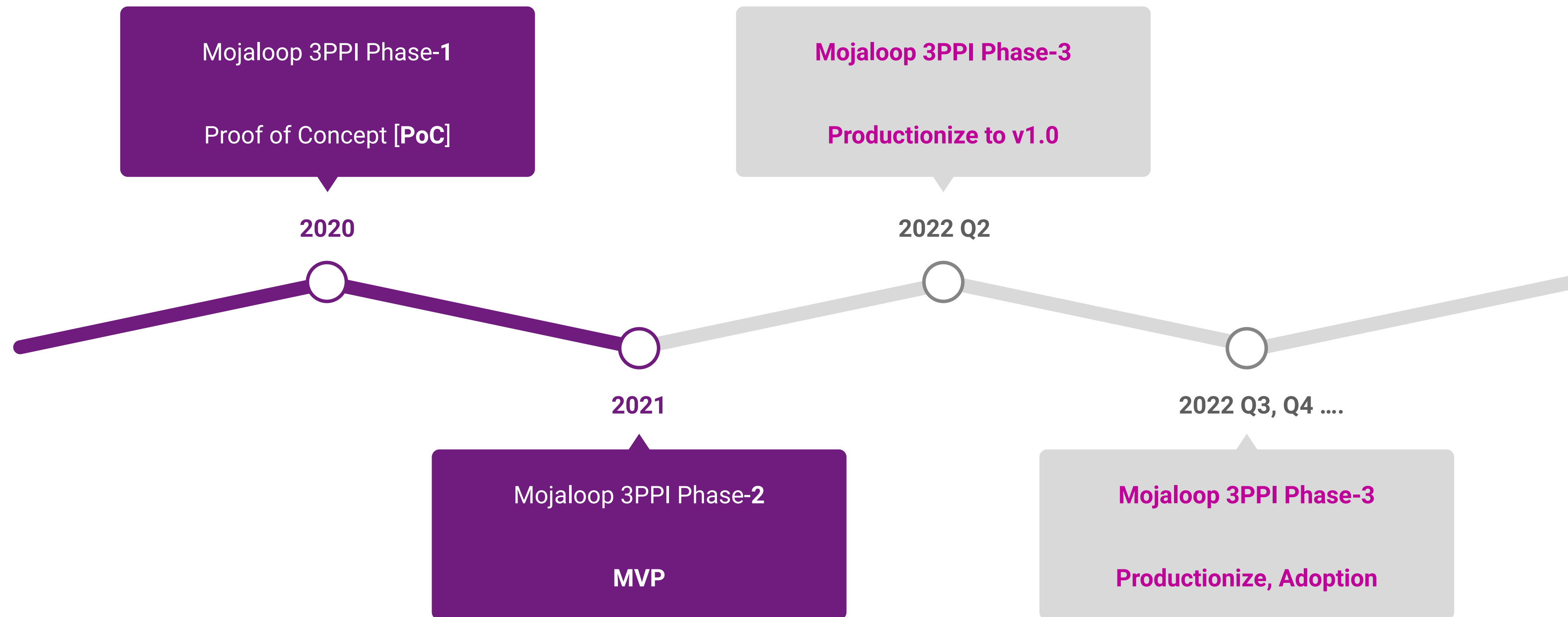
PI-18 overview for 3PPI

PI-18 Contributors



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- Kevin Leyow
- Kuan Yen Heng
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- Sam Kummary

Background: Mojaloop 3PPI timeline





3PPI features status

ML 3PPI status Phase-3



1. 3PPI API **v1.0** published, enhancements in review ✓
2. 3PPI services initial implementation & end-to-end tests ✓
3. 3PPI services integrated with Mojaloop releases (**v13.1.0, v14**) ✓
4. Productionize and profile 3PPI services ✓
5. Documentation, sequence diagrams reflect implementation ✓
6. Design for Google standard Payments (GSP) adapter ✓
7. 3P API adapter (GSP API) implementation ⚙️

ML 3PPI PI-18 update

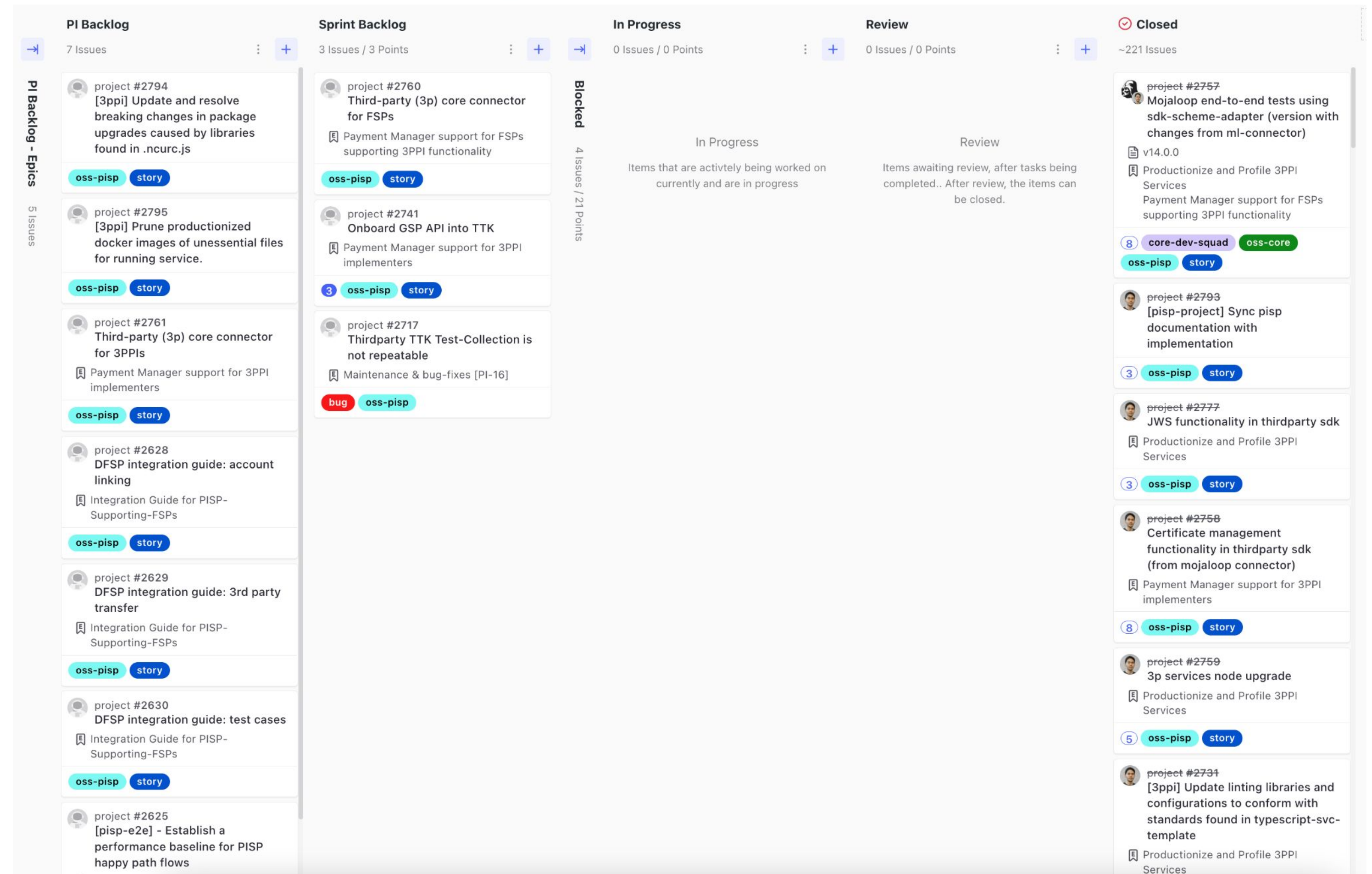


1. 3PPI **Functional** tests upgraded to v1.0 version ✓
2. Updated helm charts for 3PPI functionality, included in **v14** ✓
3. **JWS** functionality added to 3PPI requests ✓
4. Cert management functionality for 3PPI services (**mTLS**) ✓
5. 3PPI services **node** version upgraded (to v16 LTS) ✓
6. TTK tests updated to support 3PPI API v1.0 ✓
7. Functional testing made part of CI/CD pipeline ✓
8. 3PPI slack notifications ✓
9. Design for Google standard Payments (GSP) adapter
10. *3P API adapter (GSP API) implementation - put on hold*

3P Workstream Progress



- Mojaloop 3PPI support [Done]
- Payment Manager 3PPI support [Done]
- Adaptor <-> FSP connection [This can be done by sdk-scheme-adapter, 3p adapter components and any FSP functions can be simulated by Mojaloop Testing Toolkit (TTK)]
- GSP Adaptor <-> Imali connection [Paused for GSP API changes]





PI-18: 3p end-to-end tests video

<https://youtu.be/Y4KluvHuSEM>

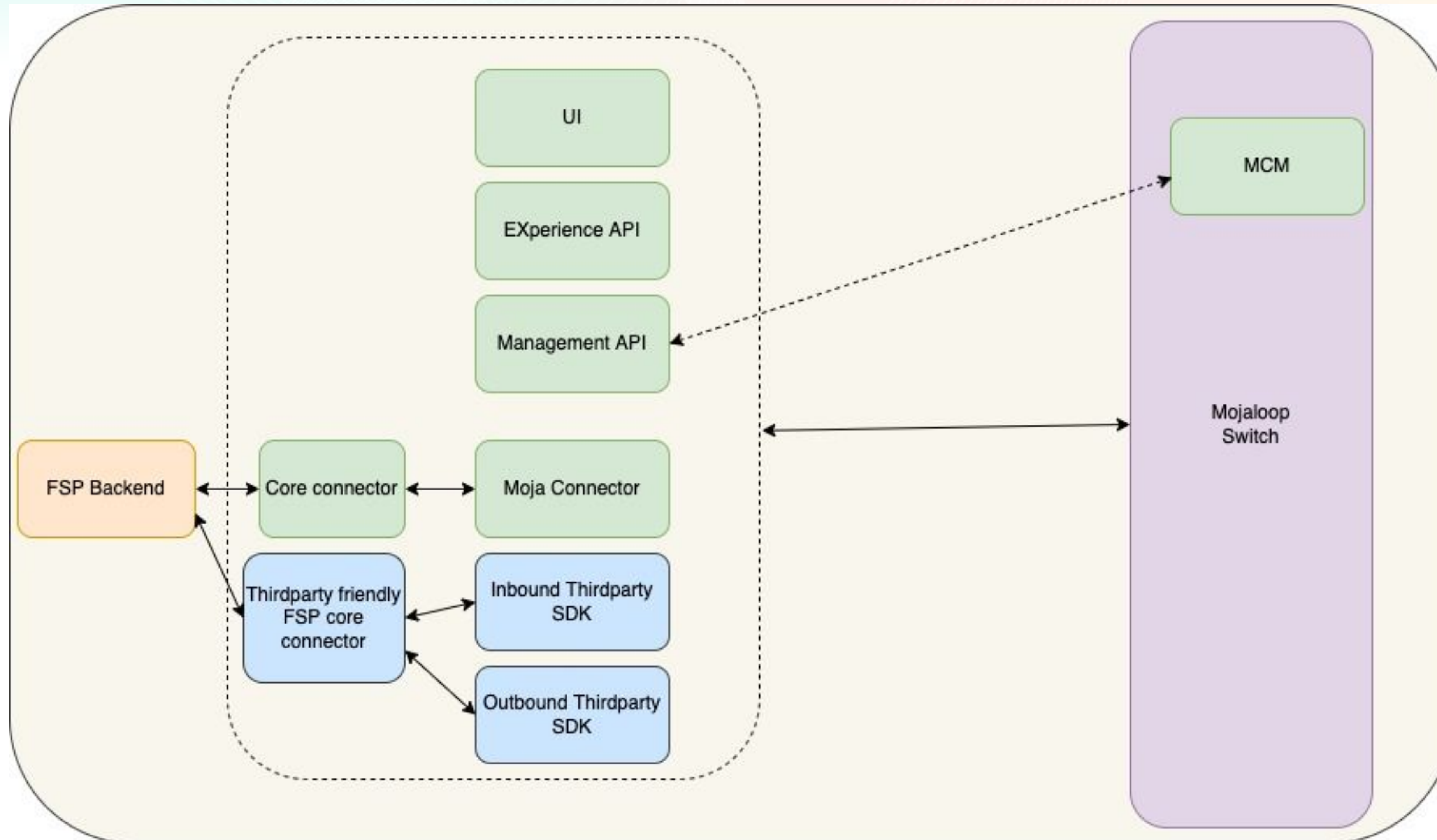
Thank you!



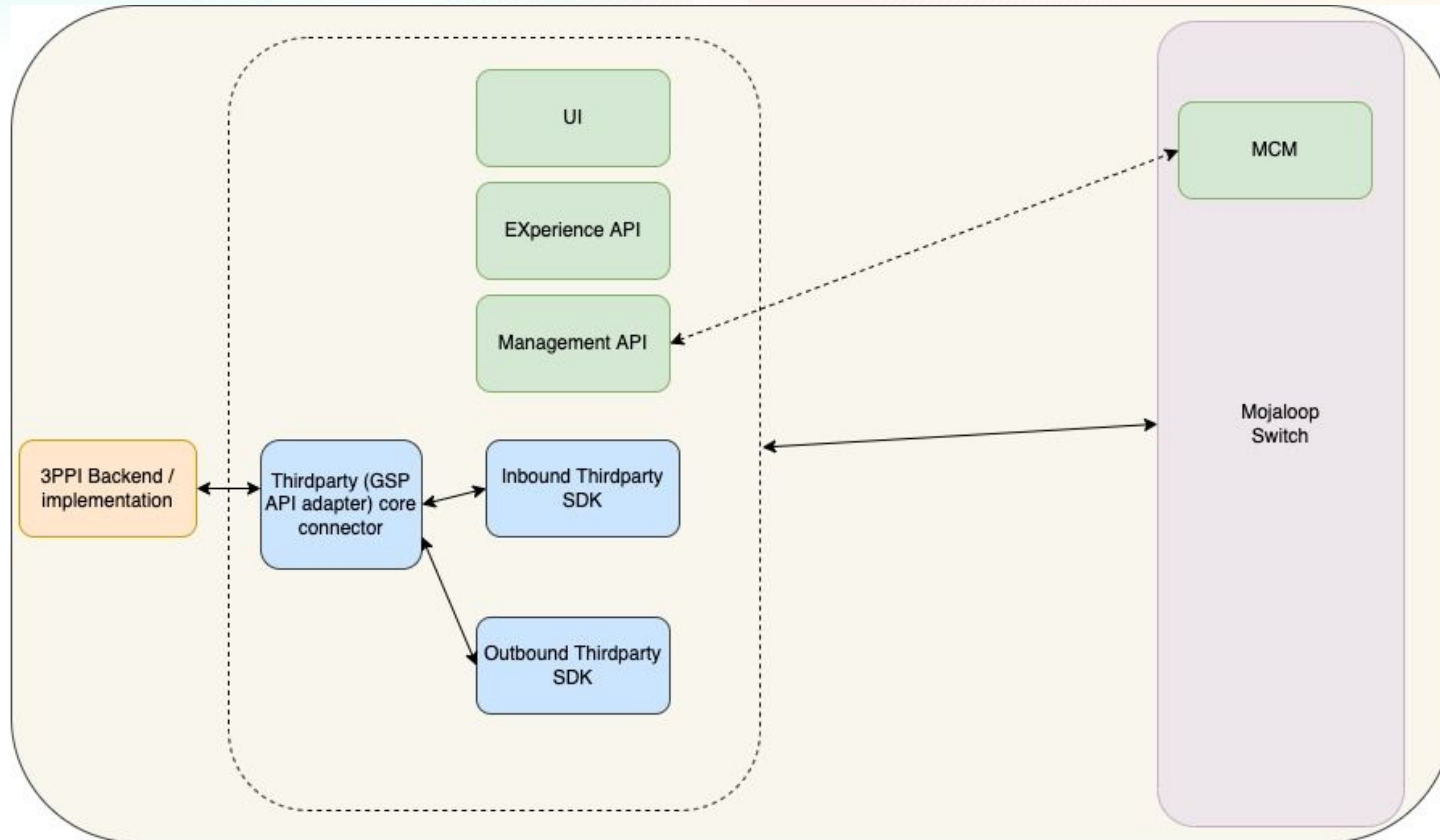


Appendix

3PPI flows: FSP - PM - Mojaloop



3PPI flows: 3PPI - PM - Mojaloop





3p end-to-end (transfer) demo

<https://www.youtube.com/watch?v=RvLoP4Tj8q8>

3PPI general information



1. Mojaloop sandbox/demo for exploring 3p functionality: <https://sandbox.mojaloop.io/>
2. 3PPI demo (15:50): <https://www.youtube.com/watch?v=RvLoP4Tj8q8>
3. 3PPI overview: <https://github.com/mojaloop/pisp-project>
4. Third-party API spec: <https://github.com/mojaloop/mojaloop-specification/tree/master/thirdparty-api>
5. API snippets (Mojaloop APIs): <https://github.com/mojaloop/api-snippets>
6. PISP project issues: <https://github.com/mojaloop/project/issues#workspaces/mojaloop-project-59edee71d1407922110cf083/board?labels=oss-pisp&repos=116650553>