



## Description of the OpenMaaS service package

### OpenMaaS portal

- Login / Registration
- Account Management
- Payment card management
- API key management
- Statistics / Reports

### API

- query:
  - availableTickets
  - regions
  - types (single, day, period etc...)
  - customerCategories (adult / child / student etc...)
- orderTicket:
  - ticketData
  - region
  - validity
  - signature

### ClientLibrary

- Visualizes ticketData
- ReactNative, embeddable view

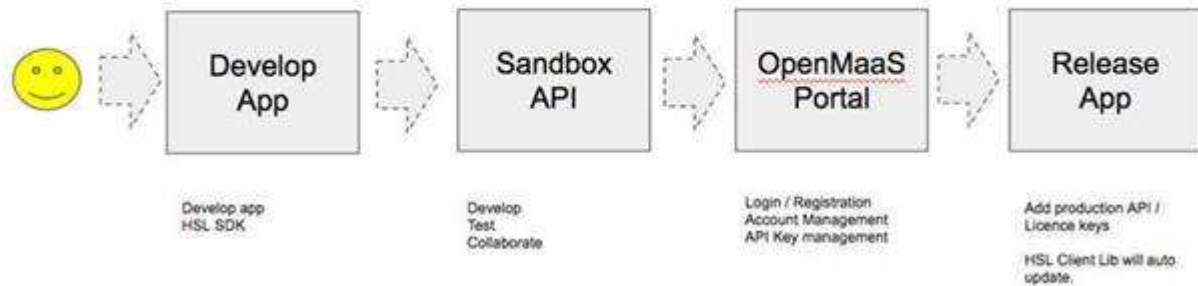
### Timetable

February 2018 API-Docs and Sandbox API at <https://sales-api.hsl.fi>

2 April 2018 ClientLibrary

2 April 2018 OpenMaaS Portal and OpenMaaS production API

# MaaS-provider enrollment

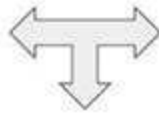


## System Components



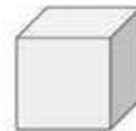
### Client Library / SDK

- Visualizes ticket API data
- Data Verification
- QR - codes for inspect
- Autoupdating



### OpenMaaS API

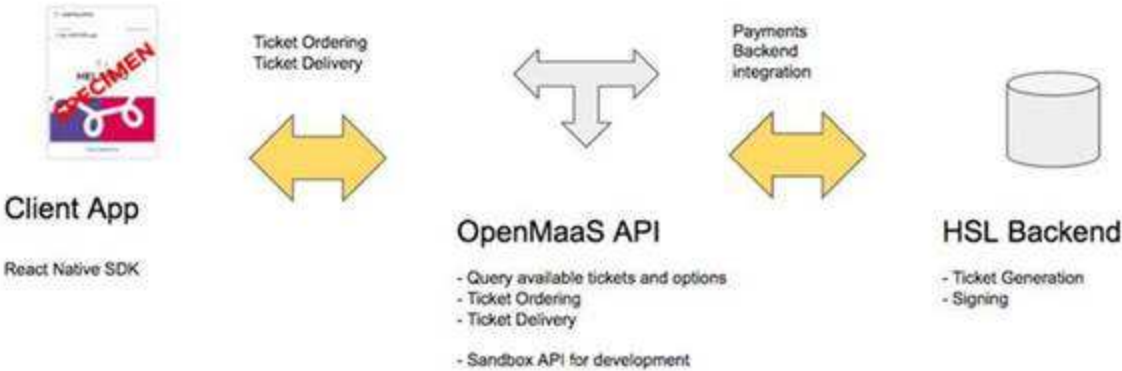
- Query available tickets and options
- Ticket Ordering
- Ticket Delivery
- Sandbox API for development



### OpenMaaS Portal

- Enrollment
- Account management
- Payments
- API - management
- Statistics / Reports

# Architecture



# Ticket order / delivery

