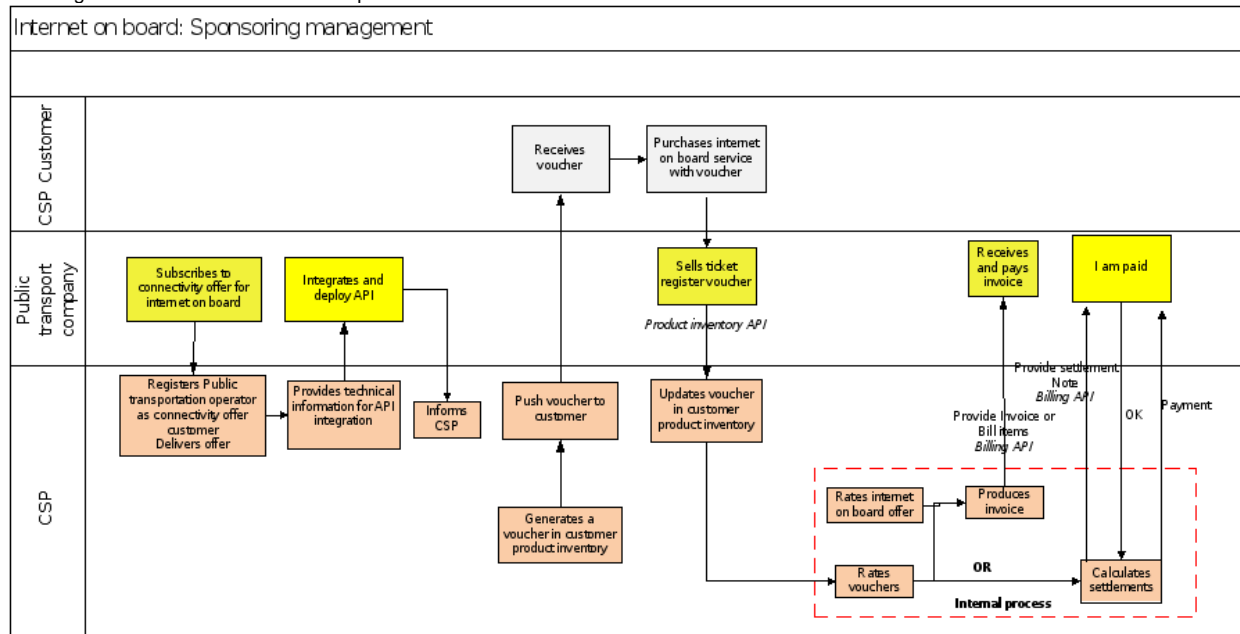


# Scenario detailed description0

## Internet on board sponsoring managed in partnership between public transport company and CSP

- Public transport company buys a connectivity offer for internet on board from the CSP
- CSP delivers the internet on board offer
- CSP provides to public transport company all needed technical information to integrate CSP API (web portal credentials, name of the API bundle corresponding to the subscribed offer)
- The public transport company integrates the API with its own IT system and proceeds to their deployment
- CSP generates a voucher and provides it (push mode) to final customer
  - Voucher is considered as a "free" offer
  - CSP registers voucher in its product inventory with a validity period
- Final customer buys a transport ticket including internet on board service to public transport company using voucher
- Public transport company sells ticket and registers voucher
  - By using *Product Inventory API*, public transport company can check voucher validity and update CSP product inventory to indicate that voucher has been used
- At the end of billing period, CSP:
  - Rates internet on board offer
  - Rates voucher
  - Can
    - Invoice public transport company subtracting voucher amount from invoice total amount
      - By using *Billing API*, public transport company can receive bill items corresponding to its invoice
    - OR Invoice public transport company and calculates settlements to payback public transport company
      - By using *Billing API*, CSP can send settlements note advice to public transport company

The diagram below summarizes the sequence of actions:



**Figure 13 – Internet on board sponsoring management**

### Profiling option management

**Assumption:** There is no payback process from CSP to public transport company related to voucher use because cost of voucher is supposed to be included in profiling offer cost

- CSP proposes to final customer a free offer allowing CSP to provide customer data to public transport company for analysis purposes in exchange for vouchers
  - Final customer agrees and indicates which data can be used and for what kind of partner
  - CSP updates its product inventory
- CSP proposes profiling offer to public transport companies
- Public transport company buys the profiling offer from the CSP
- CSP delivers the profiling offer
- Public transport company uses offer and selects customer ( explicit list or corresponding to given criteria) to be queried
  - *Product inventory API* is used to update public transport company product inventory
- Public transport company performs queries
  - Beyond a given threshold, CSP generates a discount voucher in its product inventory with a validity period and provides it to final customer
- Final customer buys a service to public transport company using voucher
- Public transport company sells service and registers voucher
  - By using *Product Inventory API*, public transport company can check voucher validity and update CSP product inventory
- At the end of billing period, CSP:
  - Rates profiling offer
  - Invoices public transport company
    - By using *Billing API*, public transport company can receive bill items corresponding to its invoice

The diagram below summarizes the sequence of actions:

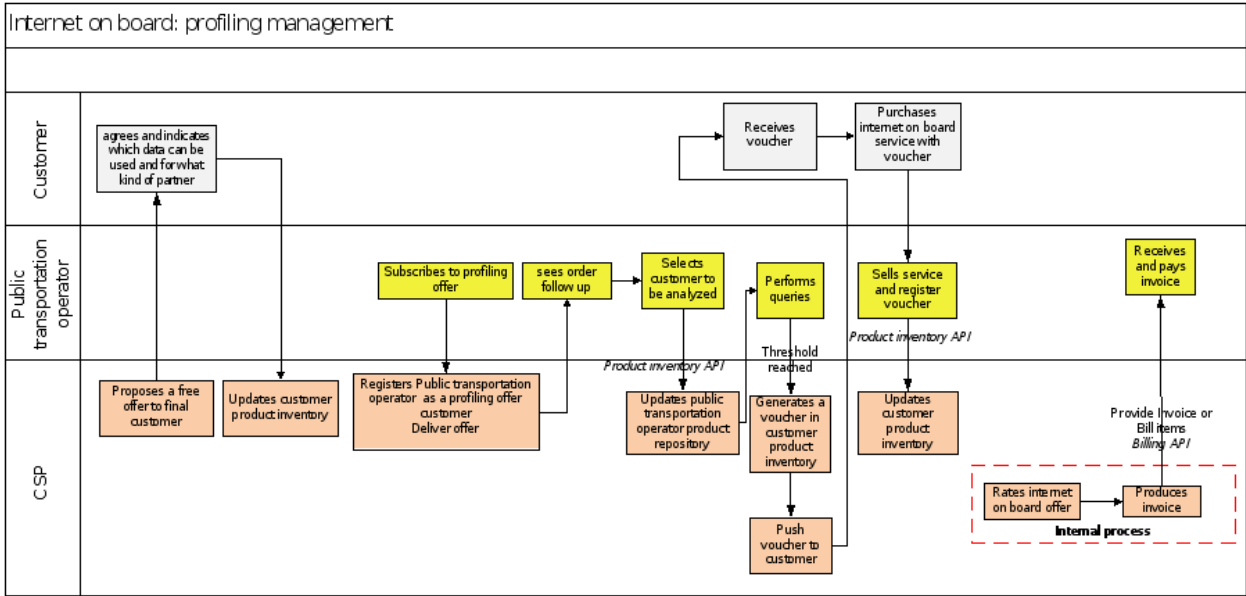


Figure 14 – Internet on board profiling option management