Listening to train information

[station/{station_code}/{platformID}/{transit}/{transport}](#)

Train status, schedules and advance information

Topic Level Parameters

{station_code} - *short code of station (**HKI, PSL**)*

{platform_id} - *Platform number (Positive integer. 1 - 99)*

{transit} - *Type of activity for train at station (**departures, arrivals**)*

{transport} - Type of the trains (**commuter, Long-distance**)

Payload

json : trainData

- stationFullName: **String** - *Name of the station which data is sent*
- schedule: **array** - *Array containing train-objects*
  - Train-object
    - trainNumber: **Integer** - *Number of train*
    - trainType: **String** - *Type of train (IC, S...)*
    - trainCategory: **String** - *Category of the train(commuter, long-distance...)*
    - commuterLineID: **String** - *LineID of commuter trains(only for commuters)*
    - timetable:
      - type: **String** - *Type of train stop (ARRIVAL, DEPARTURE)*
      - cancelled: **Boolean** - *Whether the train is cancelled or not*
      - scheduledTime: **String** - *Scheduled time of arrival/departure in UTC*
      - liveEstimateTime: **String** - *Live estimated time of stop/arrival in UTC*
      - differenceInMinutes: **String** - *Difference between scheduled and actual time in minutes*
      - commercialTrack: ***String*** - *Track of arrival/departure*
      - trainStopping: ***Boolean*** - *whether it is a commercial stop or not*
      - cause: **String** - *Describes cause of early/delayed train*
      - destination: **String** - *The destination of the train*
      - stopOnStations: ***Array of Strings*** - *Array containing String-values of next stops for the train*

Publishing Service Announcements

announcements/{notifyType}/{station_code}/{platform_id}

Provides public announcements, service updates and other passenger notifications and warnings

Topic Level Parameters

    {station_code} - *short code of station (**HKI, PSL**)*

    {notifyType}- *Notification type (**info, alert, infoview, passing**)*

    {platform_id}- track number for announcement (Positive integer: 1-99)

Payload

json : trainData

- type: **String** - *type of announcement*
- message: **String** - *Announcement message*

Device communication

management/{display_id}/update

Manage communication between displays and their manager. When display awakens, it identifies itself. Managers perform may perform roll calls.

Topic Level Parameters

    {display_id} - Uuid4 format *(Unique device identification)*

Update - *Optional subtopic, used for notifying the aggregator to publish data from a database*

Payload

json : trainData

- event: startup, rollcall
- message: **String**
- messageTimestamp: **datetime**