Fintraffic OCPI platform onboarding for Charge Point Operators (CPO or eMSP)

Fintraffic acts as a National Access Point (NAP) and will use the OCPI location module to fetch and receive location information and updates. Data is not shared via OCPI protocol, only collected using the protocol.

Fintraffic has implemented an OCPI platform that currently supports a subset of OCPI 2.1.1 and 2.2.1 protocol versions. If you are a CPO and want to connect to the Fintraffic OCPI platform to share OCPI locations and realtime updates, here is the information that is needed:

(If possible, we would like to first connect our test environment with your test environment and then move on to production once we have seen that everything is working. Please provide the following information for both if they are available.)

1. VERSIONS_URL for the versions module endpoint of the OCPI platform, e.g. `https://ocpi.cpo.fi/ocpi/cpo/versions`

2. CREDENTIALS_TOKEN_A e.g. `7C7AH240-FB87-4FD5-8AFA-B39C73A98F8F`

3. Is the OCPI credentials token sent in the HTTP Authorization header: `as-is` / `Base64-encoded`?

4. PLATFORM_PARTY_ID e.g. `XYZ`

5. PLATFORM_COUNTRY_CODE e.g. `FI`

6. For all operators whose data is transferred to our platform (CPO's):

   a. PARTY_ID

   b. COUNTRY_CODE

   c. NAME

   d. URL (Homepage URL for publishing)

Send the information to nap@fintraffic.fi

When the information is received, <u>Fintraffic will initiate OCPI registration via credential exchange</u>. The credentials object sent by Fintraffic will contain:

- role: `NAP`

- party_id: `NAP`

- country_code: `FI`

Fintraffic's OCPI platform will then periodically fetch data from the locations module of the registered platform and allow PUT and PATCH updates to the locations module from the registred platform.

For the 2.2.1 OCPI version Fintraffic also supports tariffs module. Fintraffic fetches data from the tariffs module of the CPO's platform and allows PUT and DELETE updates to the tariffs module from the registered platform.

Data sharing

Fintraffic will share the data through custom APIs from Digitraffic. API documentation is available at https://www.digitraffic.fi/en/road-traffic/afir/

Fintraffic OCPI development

We plan to support OCPI version 2.3 in Q1 / 2026.