

Logistics Live Information Feed

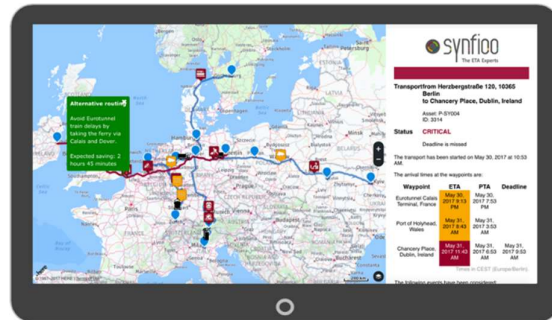
1 About Synfioo

Synfioo – the ETA Experts – offers big data based arrival time predictions and transportation decision support for road, rail, ship and air transportations.

2 What

Smartphone and tablet application that provides truck drivers with real-time information about the currently running transportation including notifications on

- changing Estimated Arrival Times (ETA),
- major reasons for the changing times,
- current navigation information, and
- current route alternatives



as well as forecasts for upcoming transportations.

3 Why

Currently, truck drivers are the last in line in receiving transportation related information. Thus, they started to exchange current information via radio devices. However, scope and reachability are limited. Synfioo can provide information reliably, timely and over the full range of possible incidents. This allows truck drivers to easily manage their transportations by, for instance, finding faster connections or appropriate resting places.

In addition, Synfioo requires GPS information of the trucks to vastly improve ETA and route calculations.

4 Outcome

The result of this project shall be a mobile application (preferably for android and iOS devices) providing the information mentioned above to truck drivers and sending GPS information to Synfioo on a regular basis. The backend functionalities do mainly exist and are accessible through a restful web service. The missing part is an investigation and implementation of the intelligent assignment of trucks to drivers. Generally, this project concentrates on the design and implementation of the mobile frontend. Improvements to the backend functional may be part of the project on a per-discussion basis. Improving proposals are always welcomed.

5 Conditions

Any outcomes produced by the student team within this project and any transferable intellectual property rights related thereto including all economic rights of the author and rights to protect intellectual property are transferred to Synfioo GmbH.

Longer-term collaborations after the project (with possible remuneration) are possible if the project is successful.