Custom Railways Control Management Application for the SNCF

Enhanced Aero Railways Control with SNCF's customised Air Navigation Pro Application

Xample Development Sarl, a worldwide leader in mobile technology based Aircraft navigation systems, announced an agreement on a mandate with the SNCF, the national French railways company, for the development of a custom aero railways control solution for the enhancement of the SNCF gyrocopters fleet management and operation.

SNCF maintains about 32,000 km of route, operating about 14,000 trains daily across France and Monaco, including high speed rail and electrified rail. To maintain the safe and efficient running of train services to its customers, SNCF uses gyrocopters to survey its largely dispersed railway network, and report items requiring investigation and maintenance to ground staff for action. Previously, providing vague references from an aerial point of view meant that ground staff were not able to locate the issues efficiently.

Xample Development Sarl "savoir-faire" in flight tracking and air operation planning allow the SNCF requirements to be integrated on top of the custom moving-map of Xample's famous Air Navigation Pro application on the iOS platform.

The application was developed in respect to the strict SNCF non-disclosure agreement and provides gyrocopter pilots advanced insight on railways data within their working aeronautic environment. The new customised moving map allow SNCF's pilots to spot accurate coordinates of specific railways kilometre point with the possibility of sharing this information via text message or email including exact google map location. In order to deploy updated railways data, SNCF's ground personal can import informations to a central data management integrated in Air Navigation Cloud. With this, come several smart data display that perfectly combine vital aeronautical data and specific railways measurements.

SNCF ground crews and air crews are now working more effectively together and able to respond faster to ensure an even smoother running of SNCF railway services. Key features of the SNCF Air Navigation Pro custom solution include:

What can you do with the customised Air Navigation Pro app for the SNCF ?

- Display railways on several zoom level
- Enable / Disable display function
- Air Navigation Pro Aeronautical Database
- Import data into Air Navigation Cloud
- Kilometre point coordinates display on screen touch
- Cross-railways information displays on screen touch
- Train station information displays on screen
- Popover function for all railways data by tapping on the map
- Share button for railways data via the Popover function

Why displaying Kilometre point

Flying operators want to be able to send the precise coordinates of a detected problem alongside the railways. This way they are able to communicate the exact location of an issue for other team to contribute.

ABOUT AIR NAVIGATION PRO

The Air Navigation team works very hard each and every month to implement all changes on airspaces and waypoints provided by the aeronautical governmental organisations and make sure they are fully integrated in our databases to guarantee you always get the most up-to-date information. Air Navigation updates the waypoint database and the airspaces database every 28 days. These databases are automatically installed in your app when you buy it, and updates are available for free in our store.

For more information on how we can help you to create your own app, please contact:

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