Fleet Connectivity

Enabling effective communication with your mobile assets

HERE Fleet Connectivity enables two-way connectivity between a back-end and a mobile device. It provides an efficient distribution of stops and destinations to a mobile device to minimize driver distraction when operating a vehicle. It is flexible enough to provide an easy setup of estimated time of arrival (ETA) threshold updates on any mobile device, while eliminating the need to call drivers repeatedly throughout the day to find out their location and how far away they are from a destination.

Want to talk? We do, too. Get in touch here.
How does the product work?

The service allows fleet managers or dispatchers to send destinations (e.g., delivery points, work sites, garages), along with other important information, directly into a navigation device,* while eliminating the need for drivers to manually type in the address. It enables drivers to accept the new destination and provide dynamic ETAs to the dispatcher. ETA thresholds can be configured as a percentage to fit with the customer’s operational environment.

In addition, the service allows storage and management of any users and assets/devices through an intuitive administrative module. It works only in conjunction with HERE platform-enabled back-end systems and mobile applications that leverage the HERE SDK.

Features:

→ Allows dispatcher and mobile units to communicate through job allocation and acceptance, as well as subsequent job status updates:
  • Send new destination to device
  • Receive message communication if job was accepted, cancelled or denied
  • Receive ETA and updated ETA depending on defined threshold from device
  • Send custom messages to device
  • Send new ETA from mobile device to dispatcher if it changes above a pre-defined threshold

→ A job needs to include geographic coordinates of the destination, but may also include other information depending on the application the asset uses

→ Dispatchers can either poll periodically for new messages, or keep a long polling call open to minimize the network and server utilization (as well as the delay) until a new message arrives at the dispatcher

→ Administrative module:
  › User management
    • Create user
    • Delete user
    • Search for existing user
    • Assign user role (view, edit, admin)
    • Attribute user rights (layer permission)
  › Asset management
    • Create asset
    • Delete asset

* The service requires the use of a navigation device equipped with the HERE SDK.