



POINTER



Cellocator Division
Pointer Telocation Ltd.

Pointer Systems Integration with Garmin

Pointer's Cellocator units are integrating with Garmin in-car satellite navigation systems (hereafter, the client) to deliver enhanced driver-side communication capabilities. The integration will allow a central control system to communicate with vehicles via Cellocator and deliver messages to the navigation system's screen connected to it.

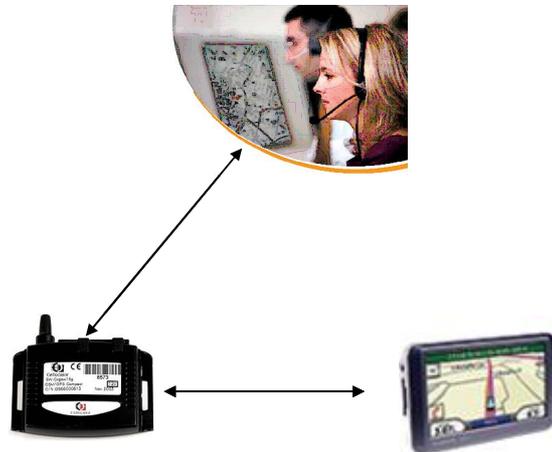
This document describes the Garmin features that are supported in the integration.

Communication Capabilities

The integration allows for bi-directional, visual communication between a control center and the driver. Using the Cellocator's capabilities, a control center can send a text message to the vehicle with the integrated system relaying the message to the screen.

Bi-directional communication means that the control center may expect the driver to react to the text message. The driver may be presented with a message that includes an OK button that the driver is requested to press to acknowledge receipt.

Another option allows the control center to send a message that includes Yes and No buttons and to expect a positive or negative response from the driver.



Navigation Help and Control

Bi-directional communication and visualization capability allows an application to introduce task management features. Drivers can be presented with a list of destinations or with jobs that constitute the workday's task list. When the driver selects a destination from the list the control center is automatically updated with the acknowledgment.

Once the driver selects a route, an estimated time of arrival (ETA) and destination details can be delivered automatically.

The mechanism can be further tuned to automatically detect that the vehicle has arrived at a requested stop. The driver can then select the next destination and start navigating to the next stop on a job list with the center being informed automatically at each stage.

Task management can be extended to include arrival or job completion messages. By interacting through selectable options on the screen, drivers can report arrival or inform that a specific job has been completed.