



OttoMobile for the BlackBerry

User Instructions- 02201124

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What is OttoMobile?



- OttoMobile™ is an application for GPS-enabled BlackBerry® smartphones and is designed to be used as an driving companion to help drivers.
- Features:
 - Alerts for speeding, school zone and playground areas, crosswalks, hazardous intersections, wildlife crossings and even red-light camera controlled intersection locations.
 - Trip logging with real-time trip information, post trip statistics including trip mileage, and trip trace routes on a map.
 - Otto Heartbeat real-time location tracking that sends your location to a secure website, where your family and friends can keep track of your whereabouts (with data plan and where cell phone coverage is available).





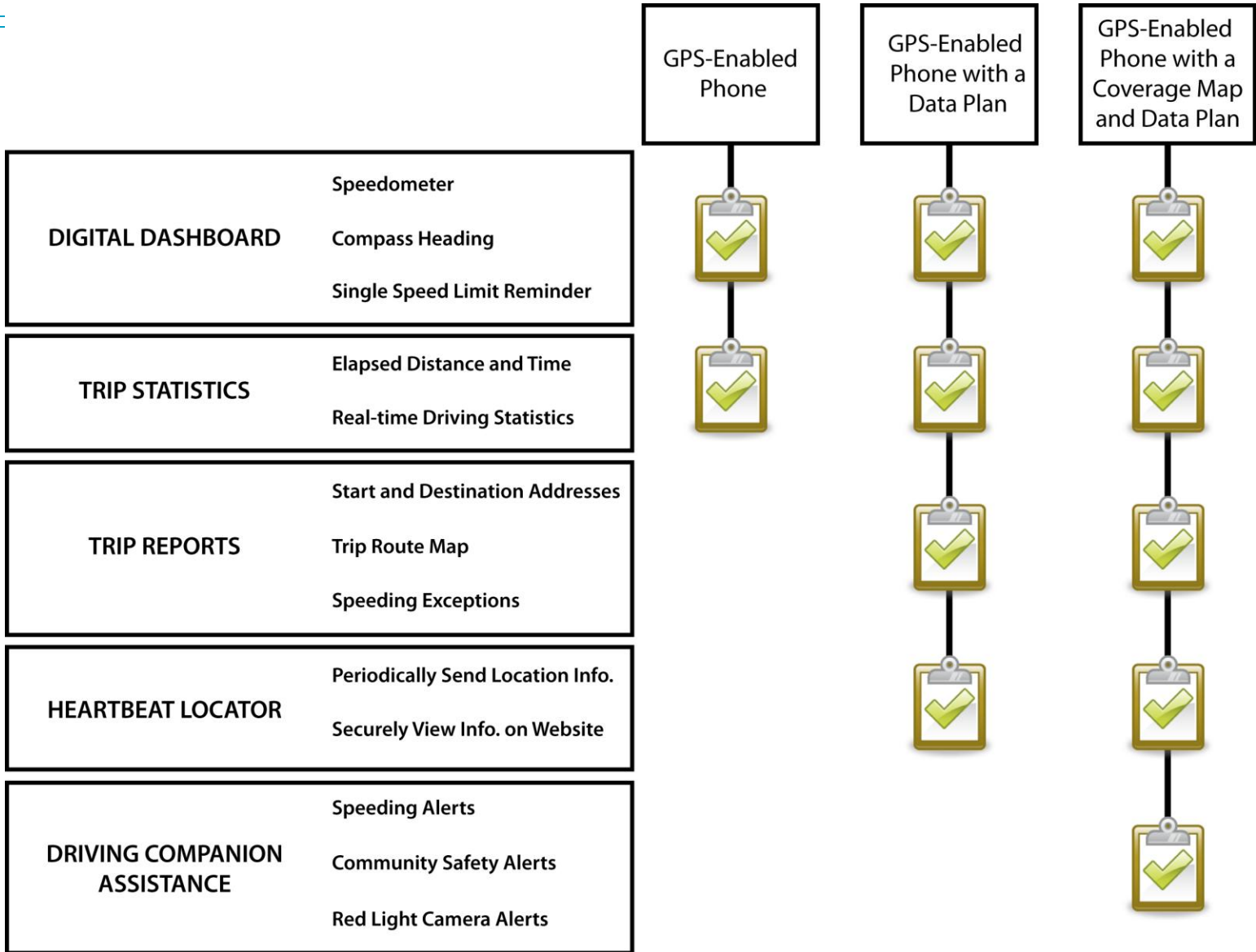
BlackBerry Components

- The components required to use OttoMobile on your BlackBerry includes:
 - GPS receiver (supported models listed at <http://na.blackberry.com/eng/devices/features/gps.jsp>)
 - Used to calculate speed and position
 - Display and speaker
 - Used to alert driver to speeding and alerts
 - Digital dashboard, trip statistics and driving companion assistance
 - GSM cellular radio – data network plan with service provider required for these features:
 - Used to send vehicle location to a web server
 - Used to set up an Otto account with a web server
 - Used to download maps from a web server
 - Used to determine start address (reverse geo-code)
 - Used to overlay trip trace on BlackBerry maps



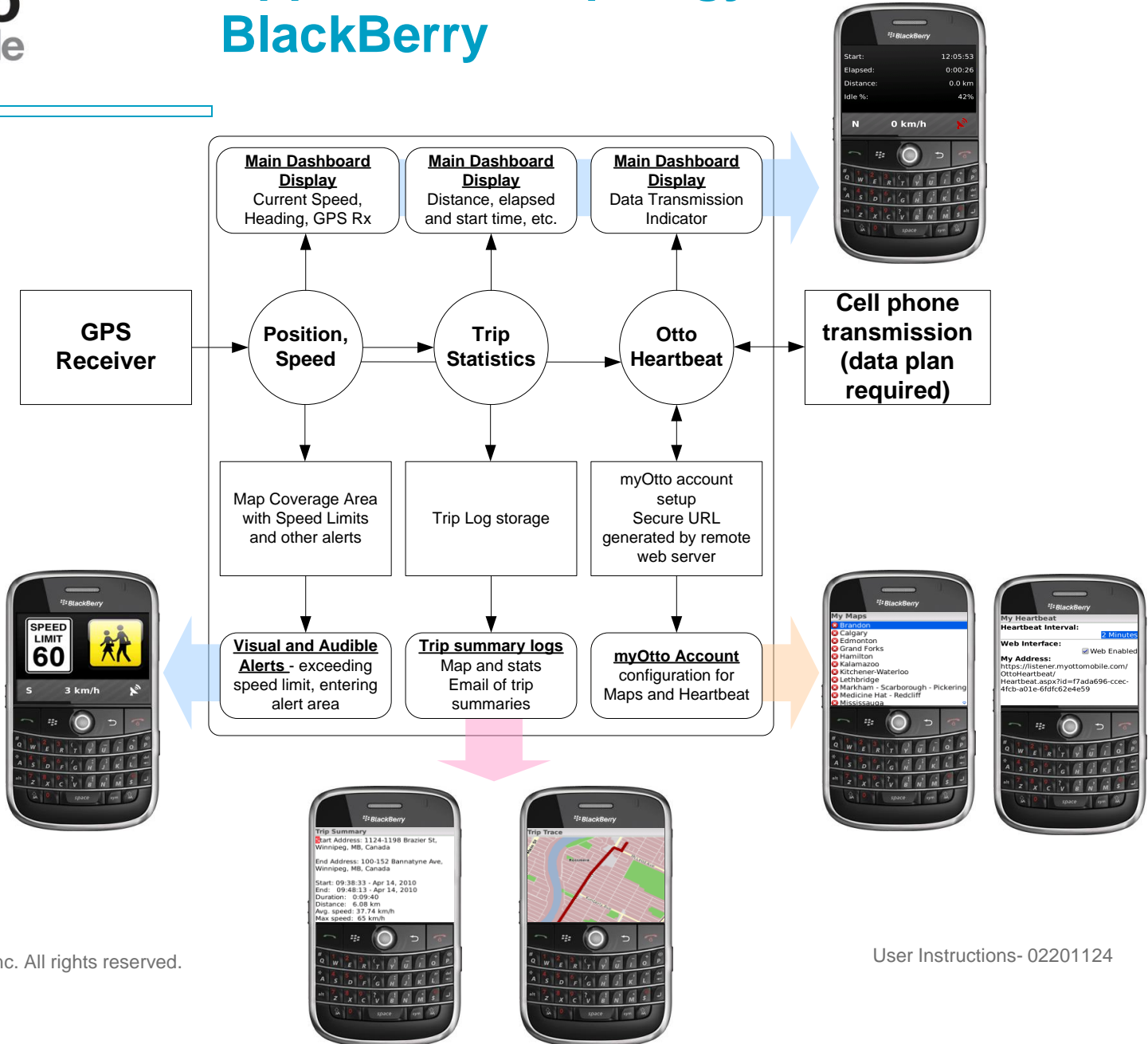
OttoMobile Functionality with BlackBerry Components

□





Application "topology" within BlackBerry





Main Menu Screen

Selection of trip type

- Select “Start Personal Trip” or “Start Business Trip”
- OttoMobile maintains trip reports under these two categories.
- Activates the GPS listener
- Automatically stops trip and deactivates GPS if idle for 10 minutes

My Otto

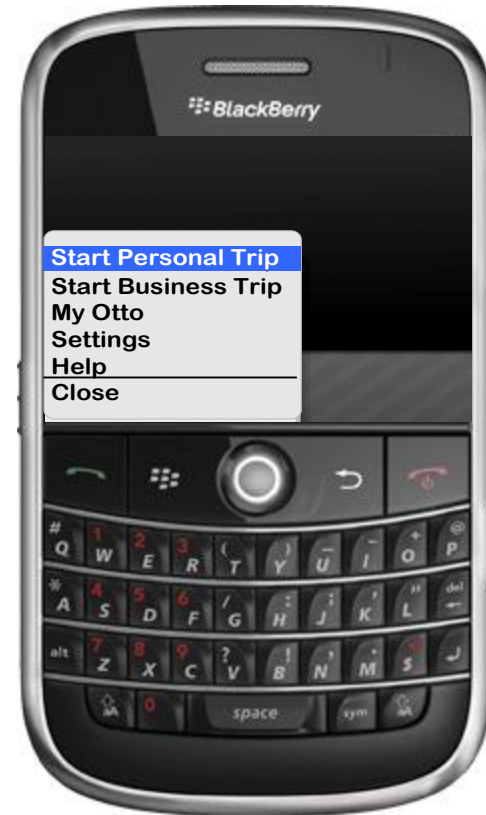
- Menu item includes several sub headings for setting up an account, downloading maps, reviewing trip data, and setting up the heartbeat vehicle tracking functionality.

Settings

- Configuration items for alerts (for coverage map areas).

Help

- Brief tutorial on the use of the OttoMobile application.





Alert Information Display

Current Speed Display

- GPS based speed in km/hr (metric) or mph (imperial)

Direction

- Compass heading displayed: N, NE, E, SE, S, SW, W, NW.

Heartbeat

- Location Tracking
- Small arrow in upper right hand corner will be displayed when location is transmitted.



Speed Limit Display

- where coverage map is available, speed limit displayed.
- if no coverage map is available, trip stats screen will be presented.

Main Dashboard Display

- “Sign of safety” alert will pop up when alert zone is approached.
- Audible alert notification will be played out at the same time.

GPS

- Signal strength indicator.
 - “X” through antenna = no GPS reception
 - “White” antenna = good GPS reception with coverage map
 - “Red” antenna = good GPS reception but no coverage map



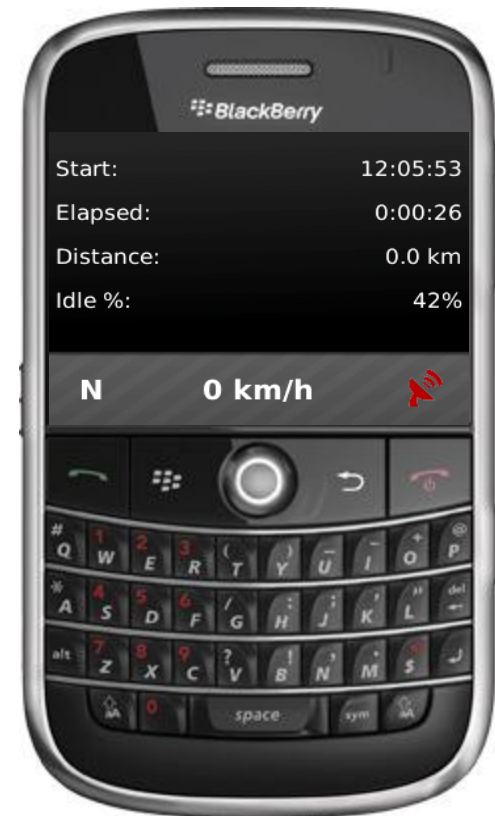
Trip Statistics Display

Trip statistics display

- Default display when device is located outside a map coverage area.

Trip information

- Start time.
 - Based on clock-time setting configured within the device.
- Elapsed time displayed in HH:MM:SS format.
- Distance in km or miles depending on the configuration setting.
- Idle time as a percentage of the elapsed time.





Menu Screen during an active Trip

Main Menu

- Press trackball, trackpad or menu key on left to present other menu selections.

Alert Screen

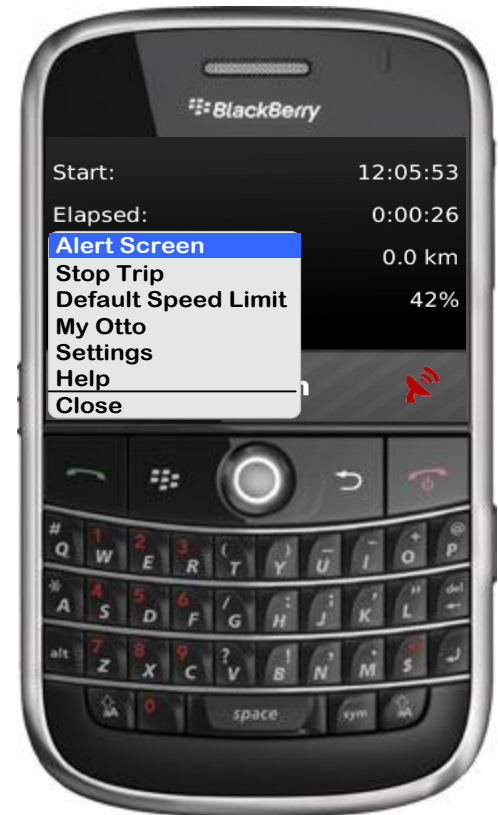
- Press to switch to the Alerts display (when inside a coverage area).
 - When outside a coverage map area, only the trip statistics screen is displayed.

Stop Trip

- Press to disable the GPS listener and stop logging trip statistics.
 - Defines a “trip stop” marker that generates the trip information stored on the device.

Default Speed Limit

- Press to select default speed limit
 - This is the speed limit trigger point when the device notifies the user that the speed limit has been exceeded (when no coverage map is available).





My Otto – My Account Menu Selection

My Account Menu Selection

- Press trackball, trackpad or menu key on left to present other menu selections.
 - Account is set up for the use of the Heartbeat and Map purchase/update functionality.
 - Username entered must be a valid email address.
 - Password is private and can only be set and reset by the user.
- If you are registering an account for the first time, or if you have previously logged out of the My Otto account, click on “My Maps”.
 - You must set up your account before you can set your home map or before you can configure your heartbeat settings.
- Click on “Register” and then enter your Email address (account name), password, confirmation of your password, and “Register”.



- If you are logging back in, click on “Login” and enter your account name (email address) and password.
 - If you forgot your password, go to <http://www.myottomobile.com/passwordreset> to reset your password.



My Otto – My Account Menu- Set Home Map Selection

Set Home Map Selection

- Once you have set up your account, you can now select your “Home Map”.
- The home map is the coverage area map that is included with the purchase of the OttoMobile application.
- Press trackball, trackpad to select “Set Home Map”.
- Choose desired home map from the list by scrolling to the selection.
- Press the left menu key to pop up the menu selection and press the trackball or trackpad to “Select Home Map”.
- Once you’ve set your home map and when you return to the “My Account” display, you will see the home map and the home map subscription listed along with the expiry date for the map update service.



- **Note** that the home map and any other map purchases made by the user will always be associated with the username used to set up the account.
 - These maps will not be inactivated when your subscription expires.
- The subscription portion of the account relates to map updates, so you may have an expired subscription, but the original map is still used by the device.



My Otto – My Maps Selection

myOtto Menu Settings

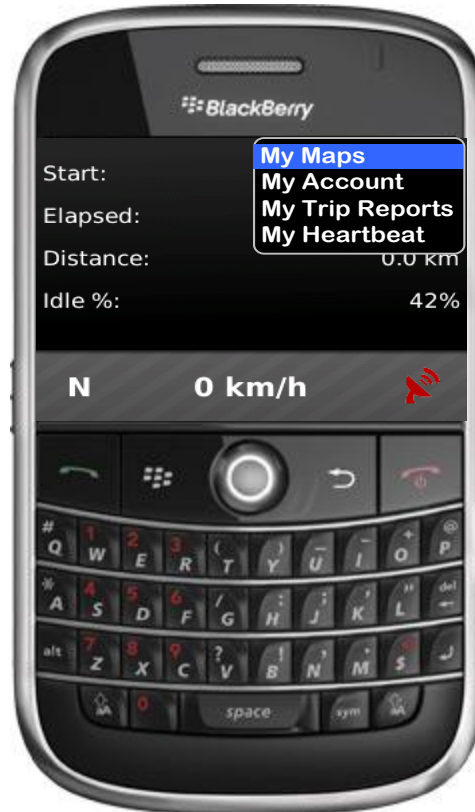
- My Maps

- Pressing “My Maps” builds a “map list” of all the available coverage maps that contain the speed limit and safety zone information.

- A check mark indicates that the map is loaded on the device and that the map update subscription is active.

- A white “x” on a red background indicates that the map is not loaded on the device.

- A yellow “up-arrow” indicates that the coverage map has an update available.

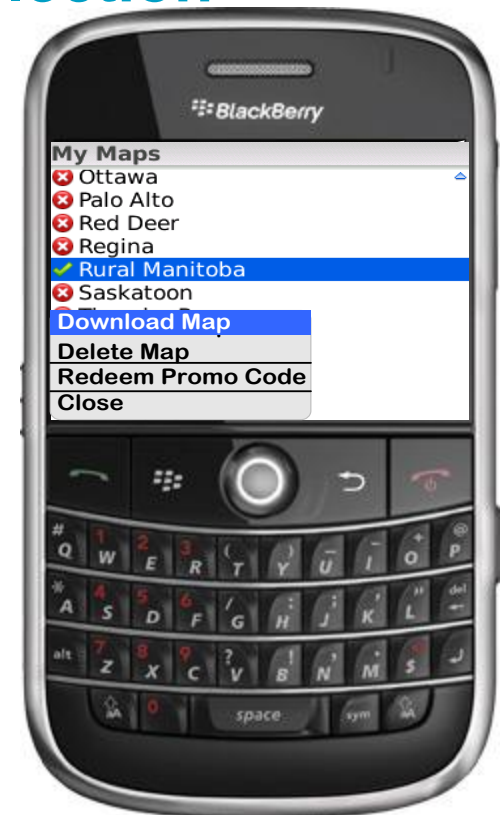




My Otto – My Maps Selection

My Map Menu Selection

- Press trackball, trackpad or menu key on left to present other menu selections.
 - Press “Download Map” to initiate purchase of coverage map area.
 - Press “Delete Map” to remove map from the device.
 - Press “Redeem Promo Code” if you have a promotional code to use that will allow you to download a coverage map at no charge.
- When you select “Download Map”, the application will re-direct you to the PayPal electronic commerce interface.
 - All payments and financial transactions during an “in-application” purchase of coverage maps are managed by PayPal.
 - Within PayPal, you have the option of paying with a PayPal account or with a credit card.
 - For more information, please see <https://www.paypal.com/ca/cgi-bin/webscr?cmd=xpt/Marketing/mobile/MobileTopFAQ-outside>
 - After the financial transaction is completed, you can exit PayPal and return to the OttoMobile application and select My Otto – My Maps and when the map list is re-built, you will note that the map is now present on the device with a “green checkmark”.



PayPal

Login to pay \$1.99 CAD

Mobile number

Mobile PIN

Log In

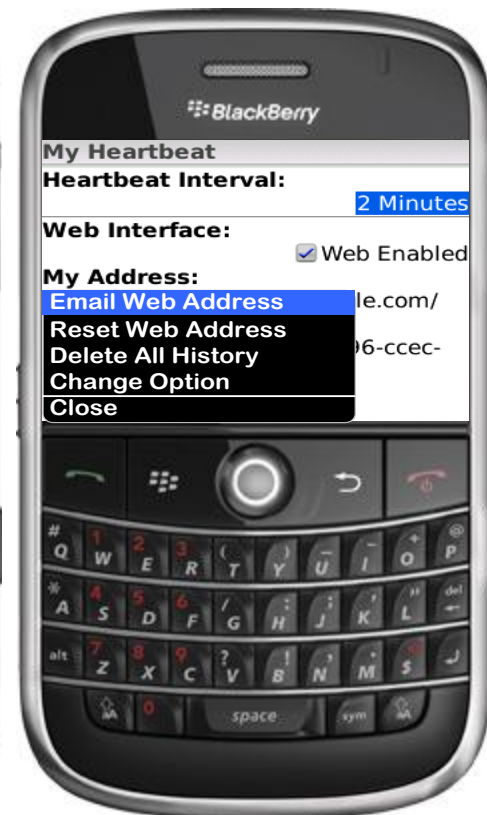
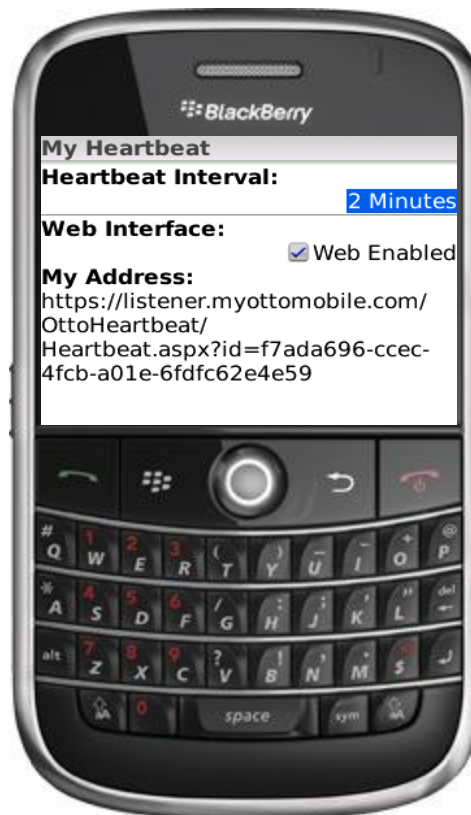
[Password login](#)
[Forgot your PIN?](#)
[No PayPal account?](#)
[Cancel payment](#)



My Otto – My Heartbeat Selection

My Heartbeat

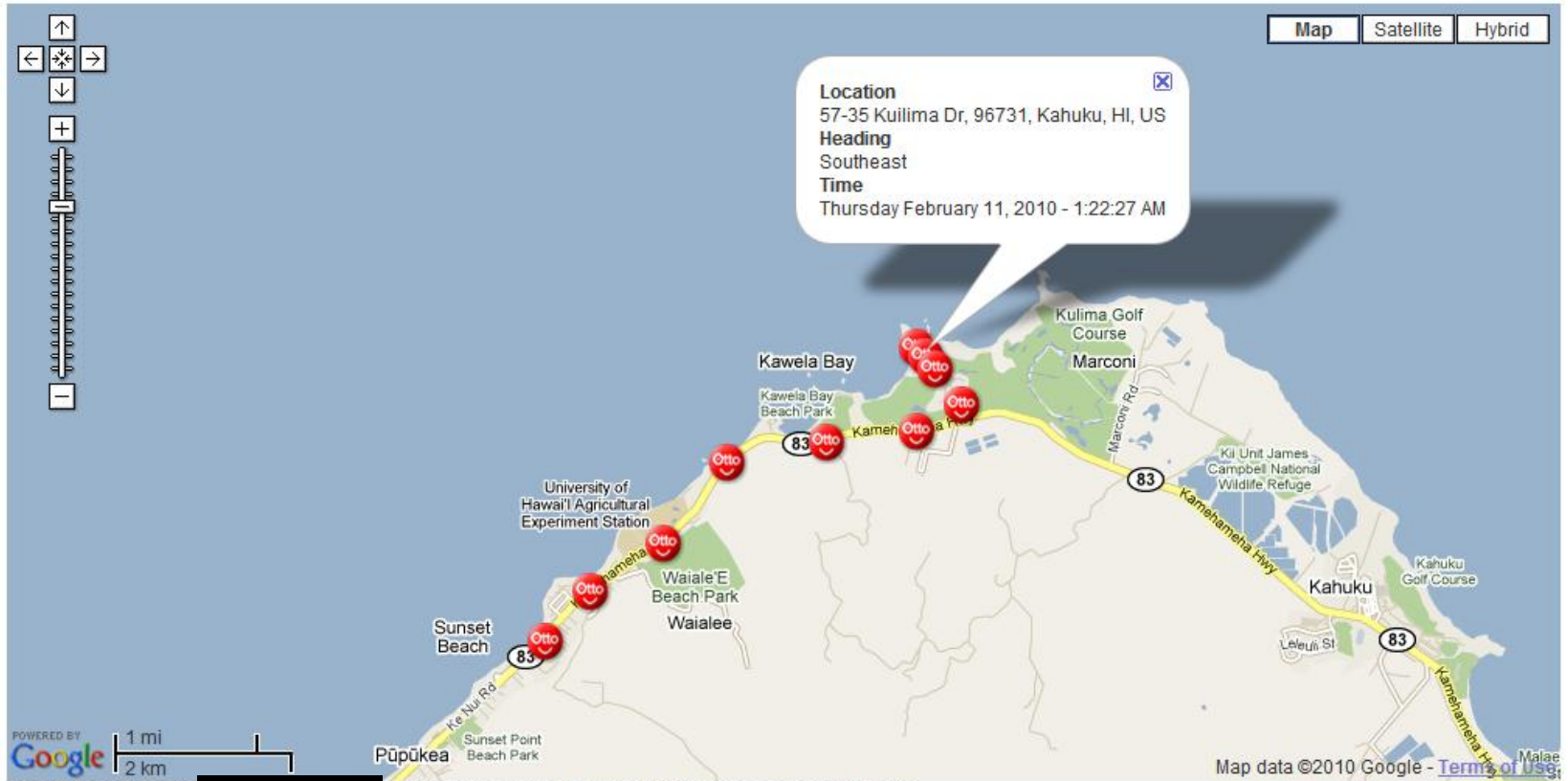
- Real-time location tracking that sends your location to a secure website, where your family and friends can keep track of your whereabouts (with data plan and where cell phone coverage is available).
 - The most recent 10 locations are stored per user account.
 - Enable/Disable Heartbeat functionality with “ON”/“Off” switch.
 - Set the time interval between locations:
 - 1 min, 2 mins 3 mins, 5 mins., 10 mins., 20 mins., 30 mins., or one hour.
 - When the heartbeat “Web Interface” is checked “Web Enabled”, the application will generate a secure and unique URL to access the position information.
- Press the left menu button to pop up the menu options for managing the location tracking URL.
 - User can email the URL for distribution to others.
 - User can “reset” the URL at any time.
 - User can delete all history of locations with current URL.





Heartbeat information example

Secure website link map display





My Otto – My Trips Selection

My Trip Reports

- When the user selects “My Trip Reports”, the user can select between “Individual Trips” or “Daily Reports”.
 - Individual Trips will be listed under each month and multiple entries (multiple trips) may be shown with the same date and a time start time:
 - Thursday, Jun 24 – 16:09
 - Thursday, Jun 24 – 15:00 .. etc
 - Daily reports will be organized according to the date under a monthly header and will list all the trips within the day being denoted as “Trip 1”, then “Trip 2” etc.
- Trip Summaries include the information shown at right.
 - Press the left menu button to pop up the menu options for managing the trip reports. The user can:
 - View the trip trace on a BlackBerry Map.
 - Email the trip report, or
 - Send the trip report by SMS



- **Note** the user may delete the individual trip log file “Delete Log”, or may delete an entire month from the log file “Delete This Month”.
- The user can view and list one of two trip types: Personal and Business and can manage the trips based on this view.
- The default view is “All” – both personal and business trips will be listed.



My Otto – Trip Summary Selection

Daily Report

Trip 1:
Start Address: John Hirsch Pl., Winnipeg, MB R3C 0R3, Canada
End Address: 243 Main Street, Winnipeg, MB R3C 4B4, Canada
Start: 18:25:07 - Apr 29, 2010
End: 18:48:19 - Apr 29, 2010
Duration: 0:23:12
Distance: 8.89 mi
Avg. speed: 23.01 mph
Max speed: 56 mph
Idle time: 0:03:42
Idle %: 15%

Trip 2:
Start Address: 243 Main Street, Winnipeg, MB R3C 4B4, Canada
End Address: ohn Hirsch Pl., Winnipeg, MB R3C 0R3, Canada
Start: 18:55:07 - Apr 29, 2010
End: 19:08:19 - Apr 29, 2010
...

Single Trip Summary



View Map



Settings - General Configuration - 1



Settings	
General Settings:	
Enable Logging	Yes
Volume:	8
Unit Type:	Imperial
Default Home Screen:	Alert signs
Default Speed Limit:	110
Alert Settings:	
Alert type:	Voice
Turn Screen On:	Yes
Screen Always On:	Yes
Speed Variance (%):	8
Enabled Alerts:	
<input checked="" type="checkbox"/>	Red Light Camera
<input checked="" type="checkbox"/>	Crosswalk
<input checked="" type="checkbox"/>	School Zone
<input checked="" type="checkbox"/>	Playground
<input checked="" type="checkbox"/>	Hazardous Intersection
<input checked="" type="checkbox"/>	Deer Crossing

Settings

- Logging can be enabled “Yes” or disabled “No”
- Volume playback of alerts ranges from “0” (mute) to full device volume “10”
- Units can be set to “Metric” or “Imperial”
 - Used for trip display information and trip data information. The main alert display will show vehicle speed and speed limit information in km/hr or mph.
- Default display upon application start up can be “Alert signs” or “Trip Stats”
- Default Speed Limit setting can be set from 0 to the maximum speed limit of 110.
 - Default speed limit setting triggers an alert at this speed when the device is outside a coverage area.
- Audible alert can be one of three types:
 - Voice alert
 - Melody alert
 - Simple tone alert



Settings - General Configuration - 2

- The display can be set to illuminate when an alert is triggered – “Yes” or “No”.
- To keep the screen on during your trip, at the expense of using more battery power, select “Yes” to Screen Always On or “No” to allow the device to fade to black after the pre-set period (under BlackBerry device settings).
- Speeding variance (within a coverage map area)
 - Speed Warning based on “percentage” of posted speed limit.
- Enable the alerts that you would like notification by selecting the alert with a check box by clicking the trackball or trackpad on the BlackBerry device.
- Note that the device will always alert you to a change in speed limit (within a coverage map area) from a high speed limit to a lower speed limit.
 - The notification is a “two-tone” sound.

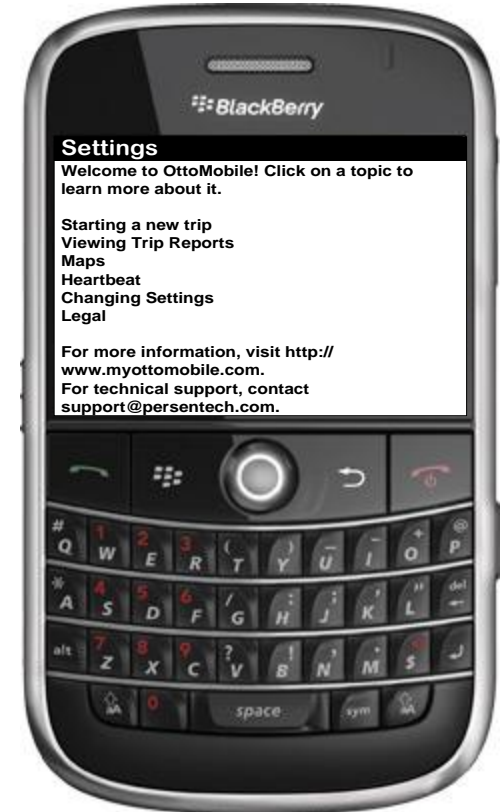
Settings	
General Settings:	
Enable Logging	Yes
Volume:	8
Unit Type:	Imperial
Default Home Screen:	Alert signs
Default Speed Limit:	110
Alert Settings:	
Alert type:	Voice
Turn Screen On:	Yes
Screen Always On:	Yes
Speed Variance (%):	8
Enabled Alerts:	
<input checked="" type="checkbox"/>	Red Light Camera
<input checked="" type="checkbox"/>	Crosswalk
<input checked="" type="checkbox"/>	School Zone
<input checked="" type="checkbox"/>	Playground
<input checked="" type="checkbox"/>	Hazardous Intersection
<input checked="" type="checkbox"/>	Deer Crossing



Help Screen

Help Screen – Getting Started

- Additional help information is included within the application. Click on the “Help” setting from the main pop up menu and then click on the desired help topic.
- Link to www.myottomobile.com website provided.
- Link to contact support by email.





IMPORTANT CAUTION – LEGAL NOTIFICATION - 1

- PERSENTECH provides the most complete and accurate speed limit and municipal information that is available from published sources including those from Municipal, Provincial, State, and Federal traffic authorities.
- Virtually all data sources contain inaccurate or incomplete data to some degree since some data is not available or is inconsistent with actual posted speed limits that may change from time to time. Because of the uncertainty associated with such data, it is the user's responsibility to use this software prudently and to follow the posted signs at all times.
- OttoMobile™ is intended to be used only as a driving aid, designed to promote safe driving by complementing existing roadway signage. All locations in your municipality's road network are potential safety hazards, and you should always be driving with due care and caution.
- The driver of the vehicle maintains full responsibility in using the application and for operating the vehicle in a safe manner in accordance with local laws and posted speed limits.



IMPORTANT CAUTION – LEGAL NOTIFICATION - 2

- PERSENTECH's database of municipalities and road network attributes is an important element in the provisioning of coverage maps, the map update service, and in the integrity of the OttoMobile application for the BlackBerry device operation.
- PERSENTECH develops and maintains the database with the available speed zone and road network infrastructure information that is published. A combination of governmental and private data sources is used and we solicit our user-base for their input, allowing us to offer an on-going subscription service within each municipality, as well as to offer services including all municipal coverage areas.
- The areas excluded from the coverage maps include the following: Back lanes; parking lots; private roadways and driveways and any roads located on private property; cemeteries; golf courses; Provincial, State, Federal and Municipal parks; campgrounds; public places including but not limited to amusement parks, racetracks, zoos, arenas, stadiums, museums, hospitals, casinos, swimming pools, ice rinks; Government property including but not limited to military bases, airports, mints, post offices, historic sites, disposal yards; railway yards, stations, and shops; industrial parks; highway entrance & exit ramps; construction zones; any temporary speed limit restrictions (orange speed limit signs); any recommended reduced speed areas (yellow speed limit signs).



IMPORTANT CAUTION – LEGAL NOTIFICATION - 3

-
- It is the user's responsibility to use the OttoMobile application prudently. The application is intended to be used only as a driving aid and must not be used for any purpose requiring precise measurement of speed, direction, distance, location, or topography. The GPS system is operated by the United States Government, which is solely responsible for its accuracy and maintenance. The system is subject to changes that could affect the accuracy and performance of all GPS equipment. Although the BlackBerry includes a GPS receiver, GPS position and speed information can be incorrect or misinterpreted and, therefore, the information presented within the OttoMobile application will be incorrect.
 - **USE THE OTTOMOBILE™ APPLICATION ON THE BLACKBERRY DEVICE AT YOUR OWN RISK. WHEN IN ACTUAL USE, CAREFULLY COMPARE INDICATIONS FROM THE DEVICE WITH EXISTING ROADWAY SIGNAGE AND TO ANY OTHER AVAILABLE SOURCES. FOR SAFETY, ALWAYS RESOLVE ANY DISCREPANCIES BEFORE CONTINUING WITH THE USE OF THE DEVICE AND APPLICATION FOR INDICATION OF SPEED LIMIT DATA AND OTHER MAP DATA POINTS.**
 - In no event shall PERSENTECH be liable for any fine, penalty, punishment, or any notice of intended prosecution or photo enforcement summonses issued to anyone using the OttoMobile application in respect of any speeding violation, red light violation, or other traffic violation. OttoMobile users remain responsible for observing all relevant laws and codes of safe driving, and the consequences of their driving behaviour.



IMPORTANT CAUTION – LEGAL NOTIFICATION - 4

- Furthermore, PERSENTECH cannot be responsible in any manner for any accessory equipment that are attached to or used in connection with the BlackBerry device and PERSENTECH cannot be responsible for any damage to the BlackBerry device resulting from the use of the OttoMobile™ application. It is the responsibility of the user to ensure that the BlackBerry device is properly mounted and that a proper power source is used to maintain operation while using the application.
- The user also agrees that all airtime charges are their responsibility. Some features of the OttoMobile application require network data (such as downloading maps, sending heartbeats, and viewing trip traces) and may be subject to airtime charges by your wireless provider. Please be aware of these potential charges.
- Please be aware that OttoMobile can run in the background and continued use of GPS running in the background can decrease battery life. Be certain to select “Stop Trip” or exit the OttoMobile application completely to turn off the GPS operation.