LocateIt for iPhone & iPad

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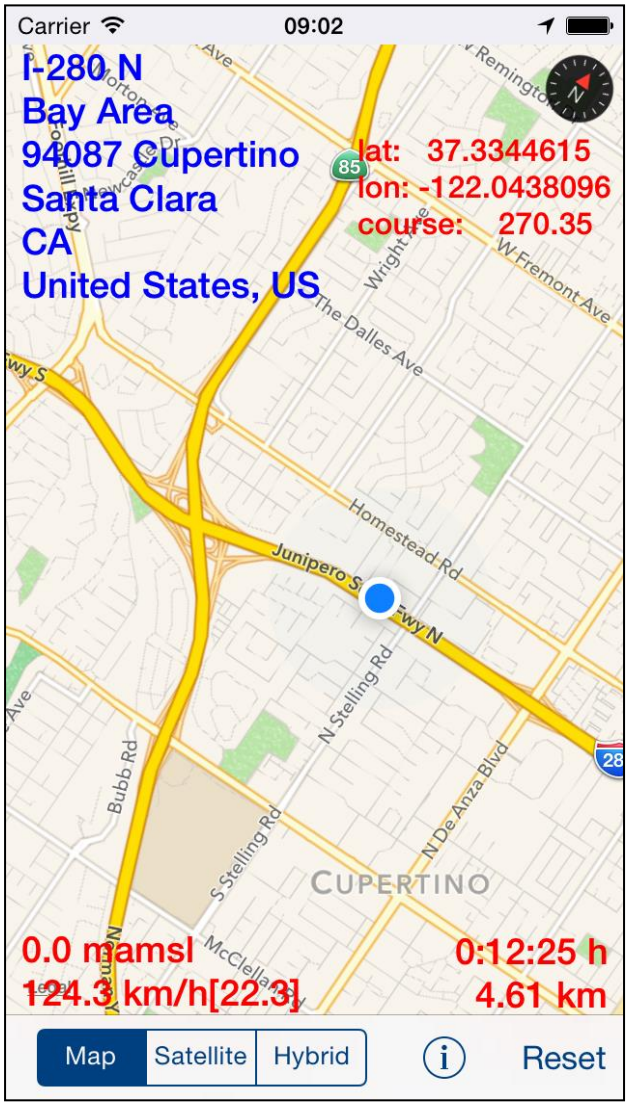
1. Introduction



LocateIt helps you to find your geographic position, altitude, speed, coordinates and distance travelled.

More exactly app shows and updates in real time:

1. Your location on map.
2. Address:
   a. Street.
   b. Sub-locality, postcode.
   c. Locality.
   d. Sub-administrative area.
   e. Administrative area.
   f. Country.
3. Altitude (meters/feet above mean sea level).
4. Coordinates (latitude and longitude).
5. Course.
6. Speed, average speed from reset.
7. Distance from reset.
8. Maps can be shown as:
   a. Standard.
   b. Satellite.
   c. Hybrid.

To copy to pasteboard (clipboard), information from map-view just "long-press" on it. You can copy:

- Address,
- Coordinates,
- Speed and altitude,
- Distance.

App is totally customizable – you can precisely configure what information is presented on screen.

App supports iCloud data synchronization – LocateIt settings on all iOS devices with same iCloud account will be synchronized.

App “Help-function” available in the app or on WWW contains detailed description of all functions and options.

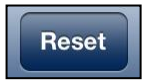
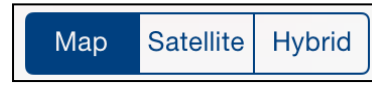
In the app has been implemented total saving/restoration of state – it means that app might be interrupted at any time (by phone call, pressing one of device buttons, screen lock) and your data will not be lost. When app is activated next time all not saved data will be restored.

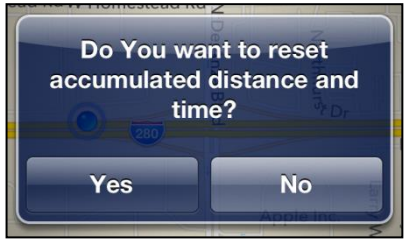
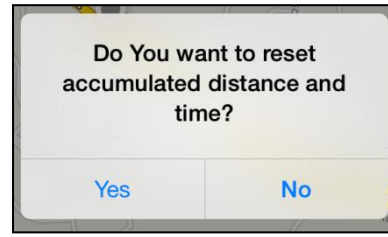
LocateIt utilizes new iOS7 feature: Background Fetch – app status is updated in the background.

App is optimized for iOS7, iOS6, iOS5.

Pictures in current documentation are taken from iOS 7.x version of LocateIt. On devices, which are running older versions of iOS (5.x and 6.x) some controls will look slightly different.

Following table contains couple of examples of such differences.

	iOS5.x, iOS6.x	iOS7
Button		
Info button		
Segmented control		
Slider		
Switch	 	 

Alert	 and 	 and 

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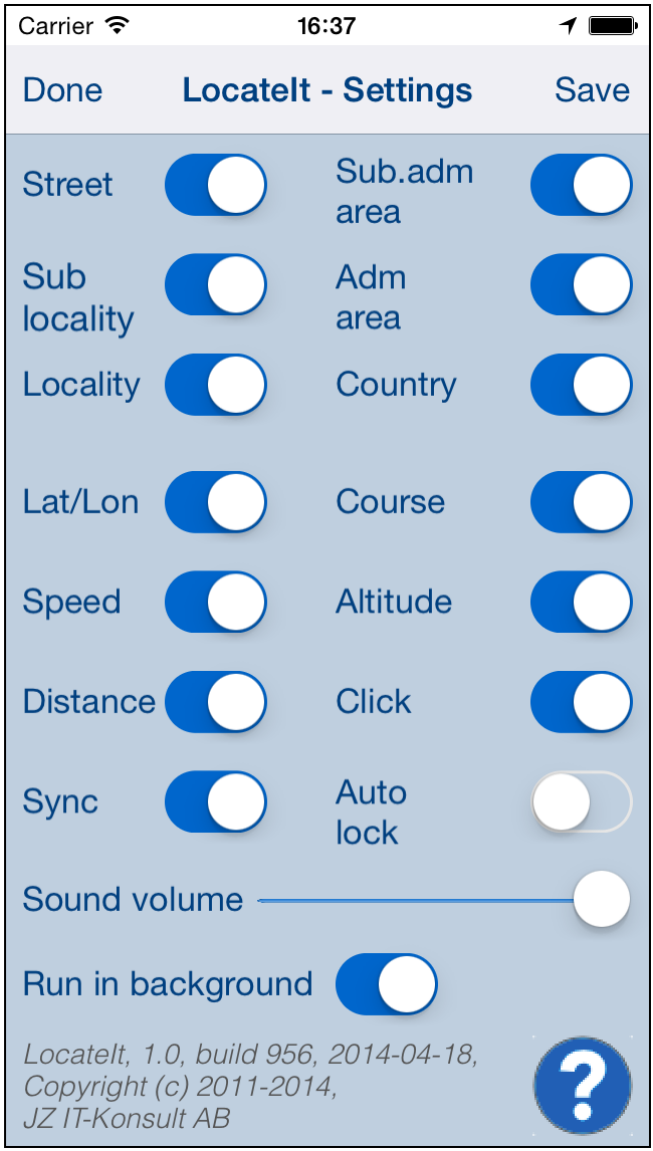
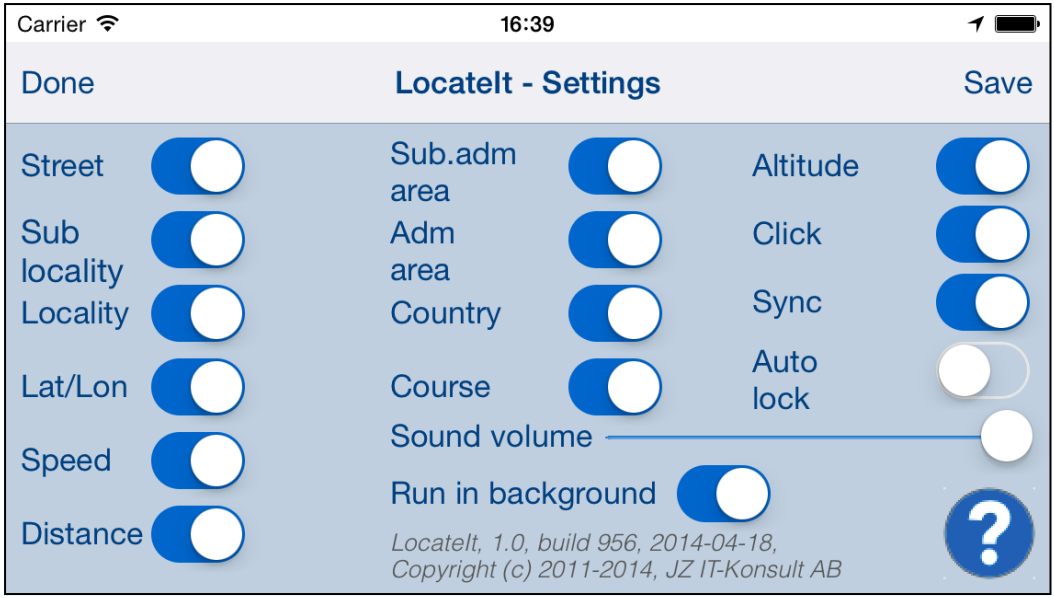
2. View orientation

All app views work in portrait and landscape orientation:



Portrait orientation

or



Landscape orientation

Just select orientation, which is most convenient for you. View orientation can be change at any time.

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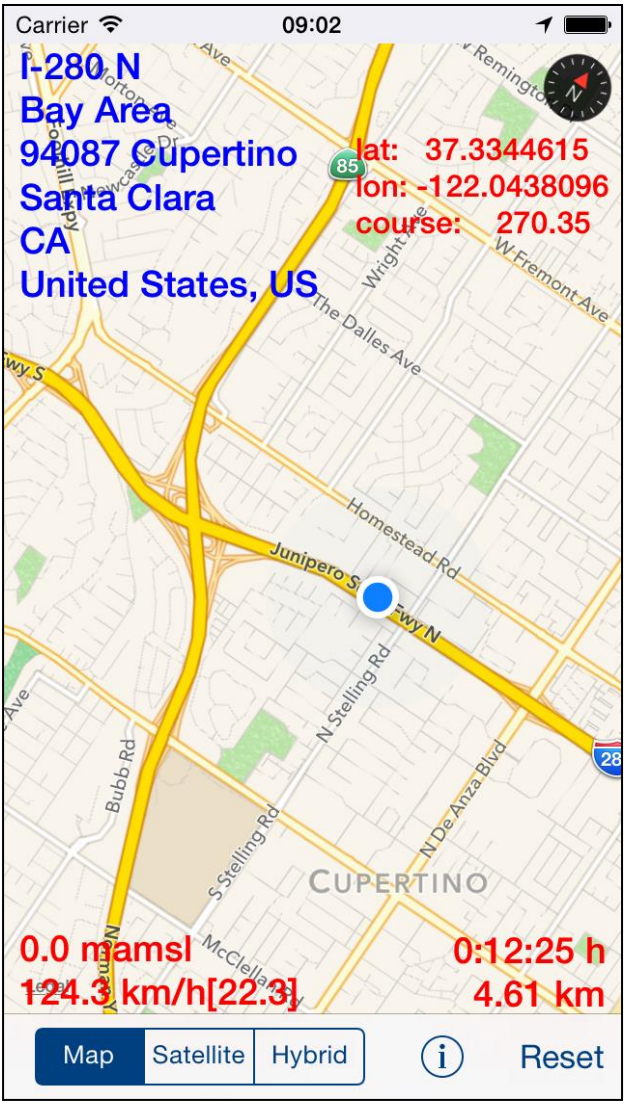
3. Main view

It is view you will usually see when you start the app.

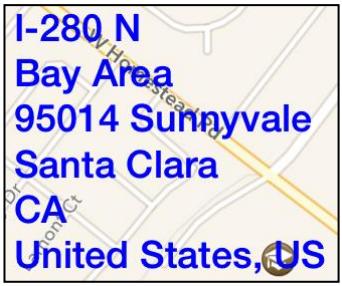
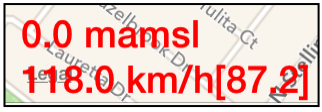


View contains:

- Map.
- Address:
  a. Street.
  b. Sub-locality, postcode.
  c. Locality.
  d. Sub-administrative area.
  e. Administrative area.
  f. Country.
- Altitude (meters/feet above mean sea level).
- Coordinates (latitude and longitude).
- Course.
- Speed, average speed.
- Distance from reset.
- Segmented control for selection of map type. Maps can be shown as:
  a. Standard.
  b. Satellite.
  c. Hybrid.
- Reset button.
- Settings button.

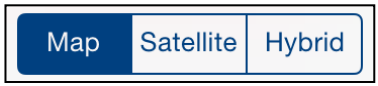
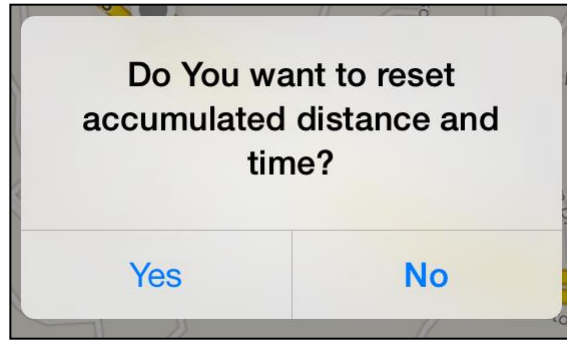
When app was terminated in another view, next time you start app you will be directed to that view.

Here is detailed description of controls available from Clock view:

	Current location on map.
	Address of current location.
	• Altitude • Current speed [average speed – average speed from last reset].
	Shows direction to true north. When top of map is oriented to true north compass is not shown.

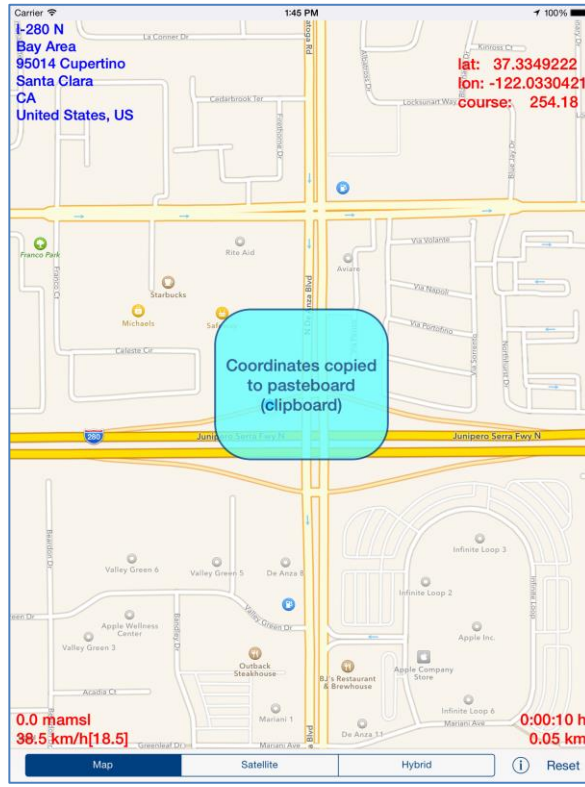
	Shows current latitude, longitude and course.
	
	Course might have following values:
	• “none” – you are stationary – not moving.
	• number from 0.00 to 359.99:
	  ○ 0.00 you are moving north.
	  ○ 45.00 you are moving north-east.
	  ○ 90.00 you are moving east.
	  ○ 135.00 you are moving south-east.
	  ○ 180.00 you are moving south.
	  ○ 225.00 you are moving south west.
	  ○ 270.00 you are moving west.
	  ○ 315.00 you are moving north-west.

	• Time. • Distance from last reset.
Swipe on map view	Changes part of map shown on screen.
Pinch (with two finger)	Zoom in map view and zoom out map view.

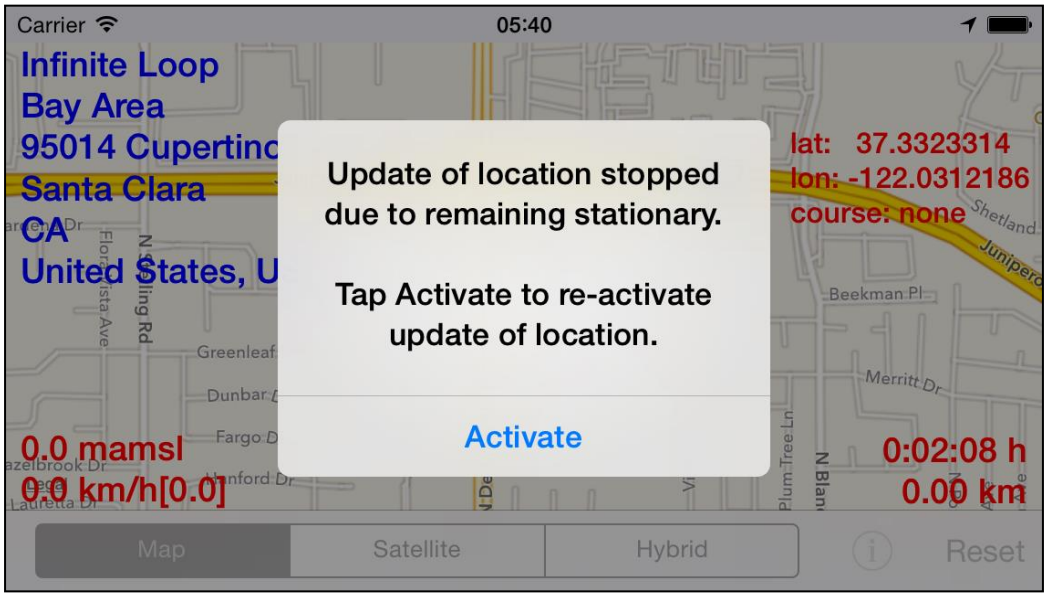
Rotate (with two finger)	Rotate map view.
Double tap on view	Zoom in map view.
	Segmented control for selection of map type. Maps can be shown as: • Standard. • Satellite. • Hybrid.
	Resets accumulated distance and time. When tapped the following alert will be shown:  1) To reset answer “Yes”. 2) Otherwise answer “No”.
	Activates Settings view – view used to change common app parameters and option.

"Long-pressing" on:

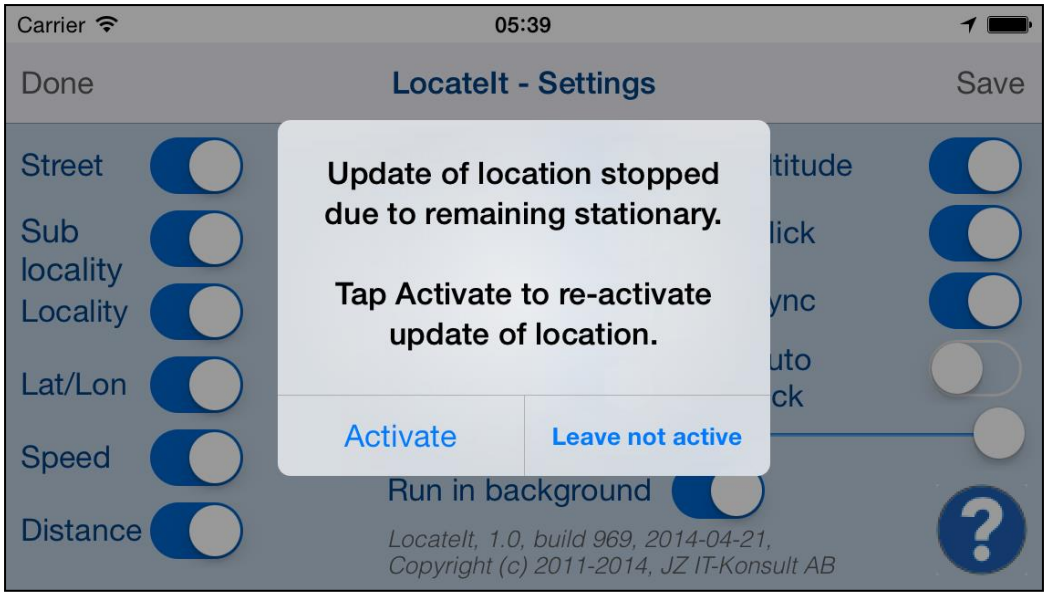
- Address,
- Coordinates,
- Speed and altitude,
- Distance.



When LocateIt is active (running in foreground or in background) and your device does not change location during 5 minutes the following alert will be shown:


Carrier
05:40
Infinite Loop
Bay Area
95014 Cupertino
Santa Clara
CA
United States, U
lat: 37.3323314
lon: -122.0312186
course: none
Update of location stopped due to remaining stationary.
Tap Activate to re-activate update of location.
Activate
0.0 mamsl
0.0 km/h[0.0]
0:02:08 h
0.00 km
Map
Satellite
Hybrid
Reset

or


Carrier
05:39
Done
LocateIt - Settings
Save
Street
Sub locality
Locality
Lat/Lon
Speed
Distance
Update of location stopped due to remaining stationary.
Tap Activate to re-activate update of location.
Activate
Leave not active
Run in background
LocateIt, 1.0, build 969, 2014-04-21,
Copyright (c) 2011-2014, JZ IT-Konsult AB

Update of location is terminated and Auto-lock is turned on (activated) – all of it is done to save device battery.

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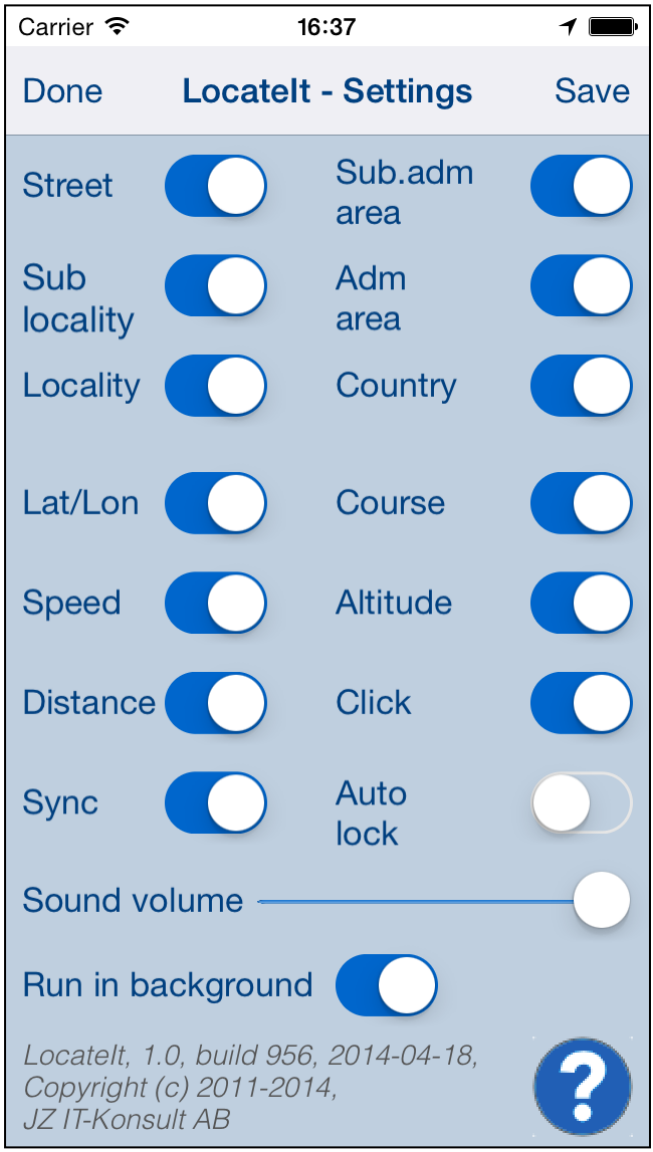
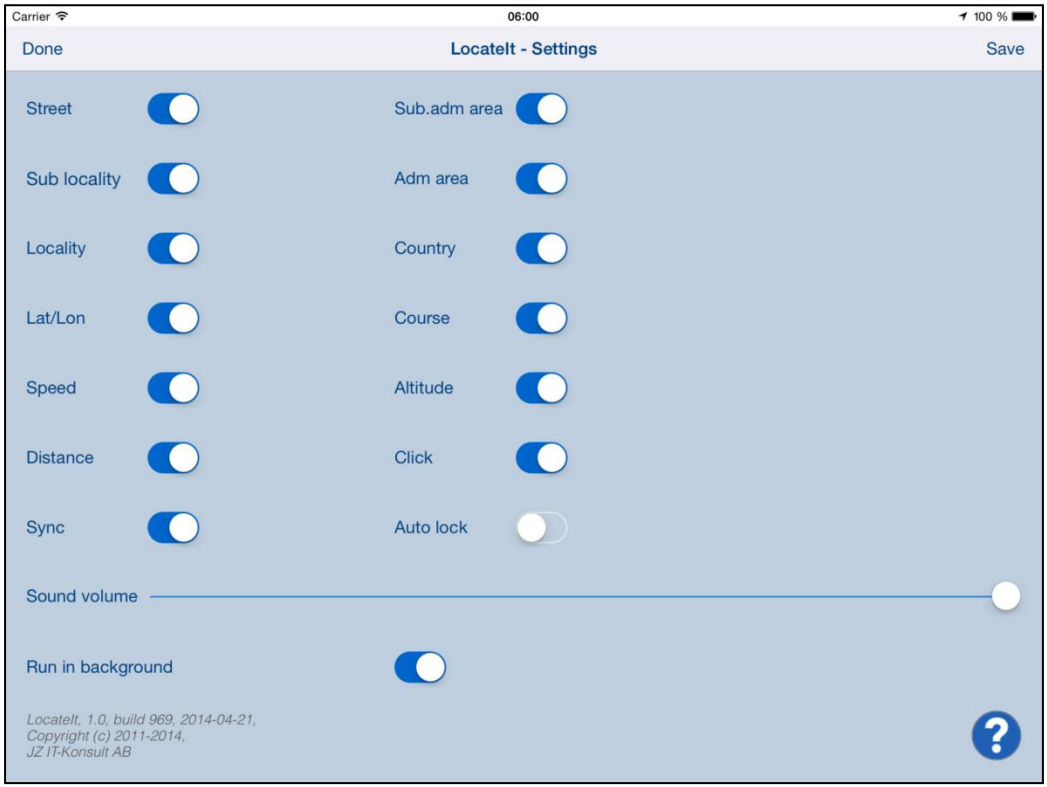
4. Settings view

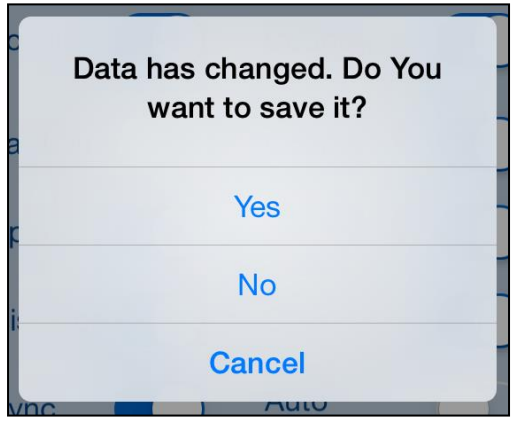


This view allows you to configure system parameters and settings. From this view you have also access to Help view.

On iPad Settings view looks like this:



Here is detailed description of controls available from Settings view:

Done	Terminate view without saving of data. When changes were made, user will be prompted for decision what to do by showing following alert:  User will have three possibilities: 1) Save changes and exit, by choosing “Yes”. 2) Discard changes and exit, by selecting “No”. 3) Continue editing, by selecting “Cancel”.
Swipe to the right	Same as Done-button.

Save	Save data and terminate view.
	Show Help view.
Street	Display “street” component of address.
Sub locality	Display “sub-locality” component of address.
Locality	Display “locality” component of address.
Sub.adm area	Display “sub-administrative area” component of address.
Adm area	Display “administrative area” component of address.

	Display “country” component of address.
	Display current latitude, logitude.
	Display current speed and average speed since last reset.
	Display distance and time from last reset.
	Display current course.
	Display current altitude.
	Determines if “click” sound is used in app.

	Activates/deactivates of synchronization of all app setting with iCloud.
	Activates/deactivates “Auto lock” of your iOS device. Use it with care – setting Auto-lock to off when iPhone/iPad is not connected to the charger will quickly discharge device battery.
	Determines volume of sound effects of app.
	Determines if location is updated in background – when app is not active and map is not shown. Use it with care – setting “Run in background” to on when iPhone/iPad is not connected to the charger will quickly discharge device battery.

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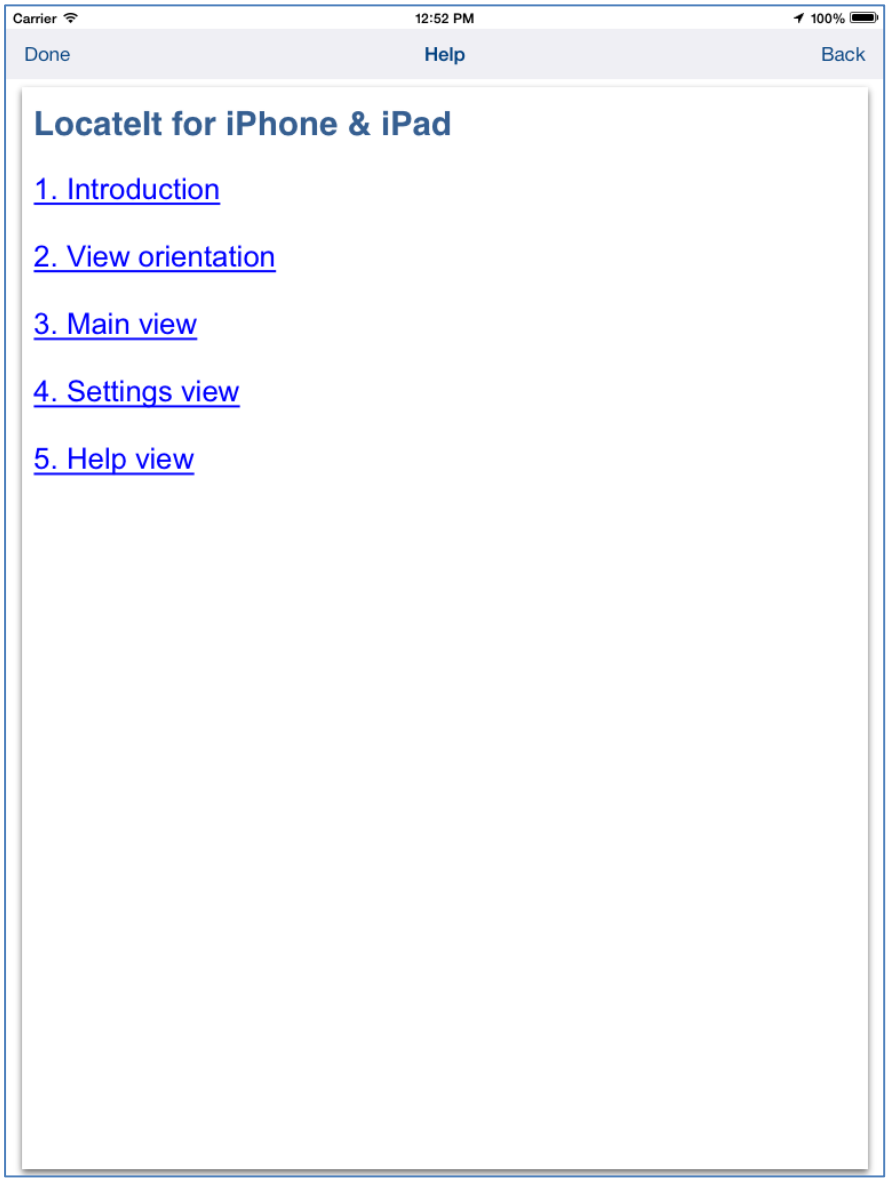
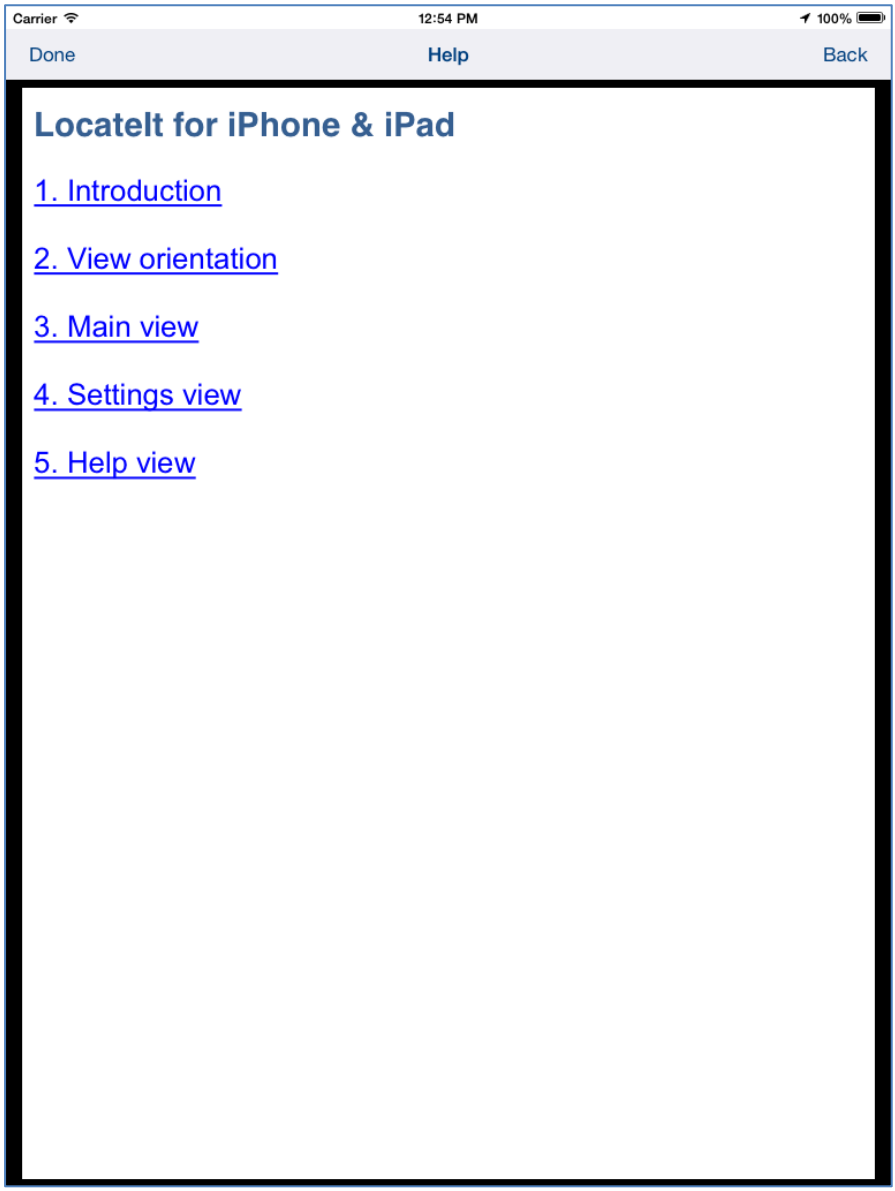
5. Help view



This view shows user guide for app.

In iOS8.0 this view looks like this:



PDF is render with black border around PDF-content.

Problem was reported to Apple, so view might change in future iOS releases.

Controls available in this view:

Done	Terminate view.
Swipe to the right	Same as Done-button.
Back	Navigate to previous place in help.

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