



# **Location Profiler 1.1 For the BlackBerry® User Documentation**

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# Table of Contents

1.	Introduction.....	3
2.	System Requirement.....	4
2.1	Compatibility.....	4
3.	Installation.....	4
3.1	OTA Installation.....	4
3.2	Application Loader Installation.....	4
4.	Launching Location Profiler.....	5
5.	Registering Location Profiler After You Have Purchased Location Profiler.....	5
6.	User Interface.....	6
7.	Edit Profile.....	7
8.	Editing Custom Names.....	9
9.	Setting Application Permissions.....	10
9.1	Known Issues.....	10
10.	Export and Import.....	11
11.	Manage Locations.....	12
11.1	Gathering Cell IDs.....	13
12.	Preferences.....	14
12.1	Keyboard Locking.....	16
13.	User License.....	17
14.	Uninstalling Profiler.....	18
15.	Upgrading Profiler.....	18
16.	Copyright.....	18
17.	Disclaimer.....	18
18.	Limitation of Liability.....	19
19.	Termination of License.....	19
20.	Technical Support.....	19

## 1. Introduction

Location Profiler is an application that lets you automate profile switching when you are at a different location physically.

Location Profiler uses cell tower information to manage all your profiles. You can set up many profiles such as when you are at Home, Office, Library, Church etc... When you arrive or leave the location the correct profile will automatically be switched.

There is no user intervention when the profile is switched. The only restriction is that your BlackBerry® can not be in the Holster, keyboard locked and password locked.

## 2. System Requirement

- BlackBerry® OS 4.2 and higher
- 90K of free main memory.

### 2.1 Compatibility

- BlackBerry® Pearl, Curve series, Bold, 8700, 8800, 8900 series, Storm 9500/9530
- BlackBerry® Profile application

## 3. Installation

### 3.1 OTA Installation

If you have data connection you can install Location Profiler directly on the BlackBerry® using the BlackBerry® Browser application.

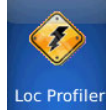
1. Start the Browser application
2. Select GoTo from the menu
3. Enter <http://www.toysoft.ca/ota/LocProfiler.jad> For Storm users use this link <http://www.toysoft.ca/storm/LocProfiler.jad>
4. Press ENTER to start the download

### 3.2 Application Loader Installation

On your desktop computer do the following:

1. Start the BlackBerry® Desktop Manager
2. Double click on the Application Loader icon
3. Click Next
4. Click on the Add button
5. Browse for the file LocProfiler.alx in the LocationProfiler folder where you unzipped the file.
6. Click Next to install

## 4. Launching Location Profiler



To launch Location Profiler, look for the icon  on the Home screen and click on it.

## 5. Registering Location Profiler After You Have Purchased Location Profiler

After you have installed Location Profiler, launch Location Profiler and you will see the following screen below.

Your registration code is included in the invoice email that you have received. Enter the code in Registration Code field and click the **Register** button. You will only have to do this once.

Location Profiler Registration 123

Expires on 2009-03-09 18:44

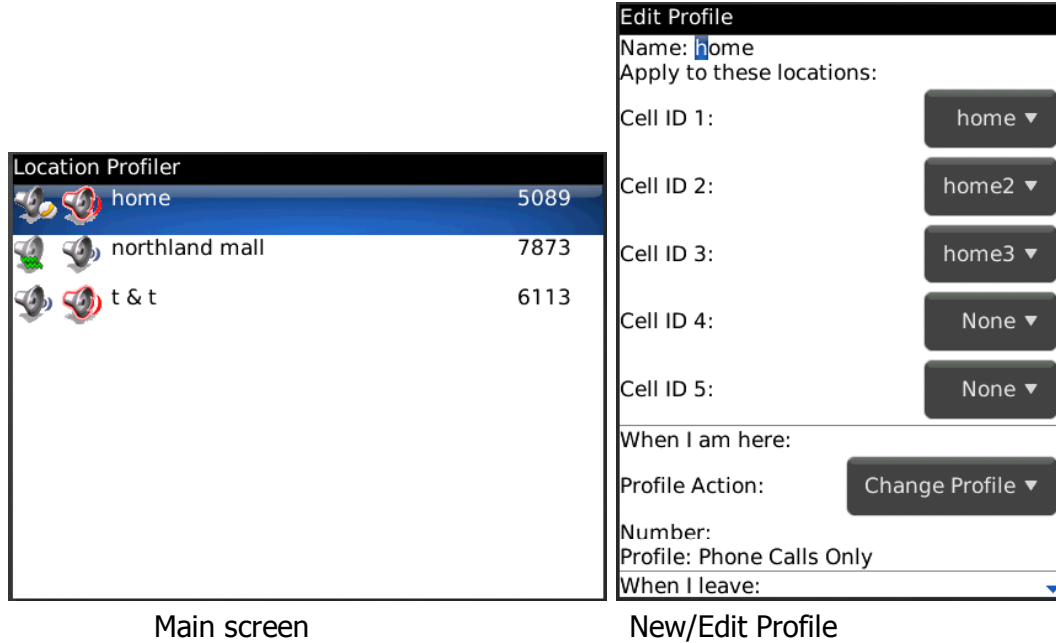
Purchase at [www.toysoft.ca](http://www.toysoft.ca)

PIN: 2100000A

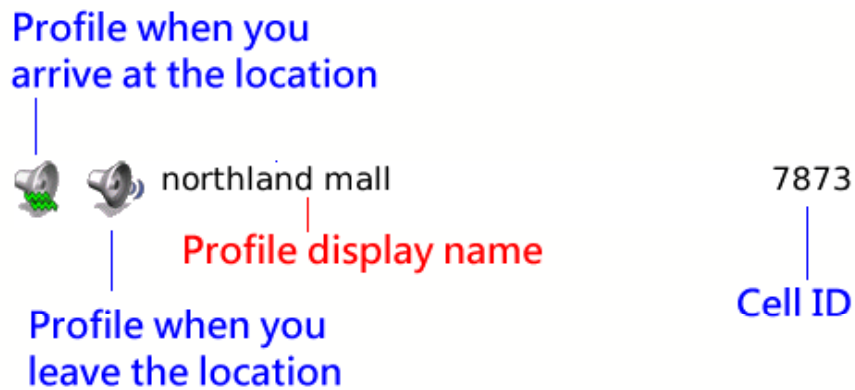
Registration Code:

To purchase Location Profiler using your BlackBerry® you can click on the Purchase button. For a 10 day trial click on the Trial Mode button.

## 6. User Interface



To add a New, Edit or Delete a Profile press the Menu key. All of your Profiles will be displayed on the main screen.



## 7. Edit Profile

**New Profile**

Name:

Apply to these locations:

Cell ID 1:

Cell ID 2:

Cell ID 3:

Cell ID 4:

Cell ID 5:

---

When I am here:

Profile Action:

Data:

Bluetooth:

Wifi:

---

---

This is the new and edit profile screen. If you add new cell id later on then you can edit the profile. Cell IDs are managed in the Location Manage screen.





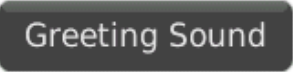
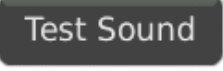

Each profile can have up to 5 cell ids. Typically at a given physical location there can be more than one cell id broadcasting.

Each profile has "Arrive" and "Leave" action. When you arrived at a location "When I am here" this profile will be switched. When you leave "When I leave" this profile will be switched. The "Leave" profile is optional. Only the "Arrive" profile is required.

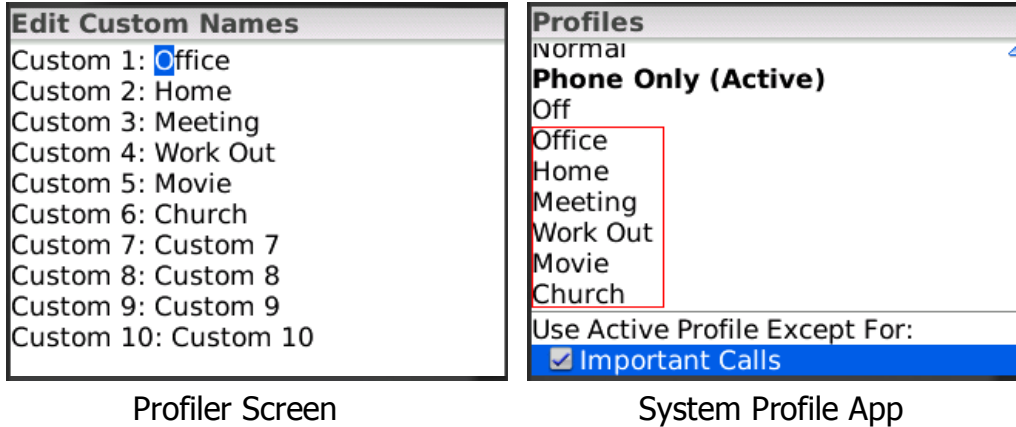
With every profile you can optionally assign a ringtone or sound to play when you arrived at the location. No sound will be played when you leave the location.

Example from the left screen shoot.

When you come Home Location Profiler will switch the profile to "Phone Calls Only". When you leave the Home location profile "Loud" will be switched.

<b>Controls</b>	<b>Description</b>
Name:	Profile display name on the main screen.
Apply to these locations:	Locations must be assigned to the profile. At least one location is required.
When I am here: Profile Action: 	The "Arrive" profile. Set the profile you want to change when you arrive at this location.
When I leave: Profile Action: 	The "Leave" profile. Set the profile you want to change when you leave this location. This is optional and you do not have to set this.
Bluetooth: 	With each profile you can set to turn on or off Bluetooth
Wifi: 	With each profile you can set to turn on or off Bluetooth. Wifi checkbox will only be visible if your device has WIFI.
	Assign a greeting sound file when you arrived at the location. For example: When you arrive home you can play the sound "Welcome home master"
	Test the greeting sound. Select Stop Sound to stop it.
	Remove the greeting sound.

## 8. Editing Custom Names



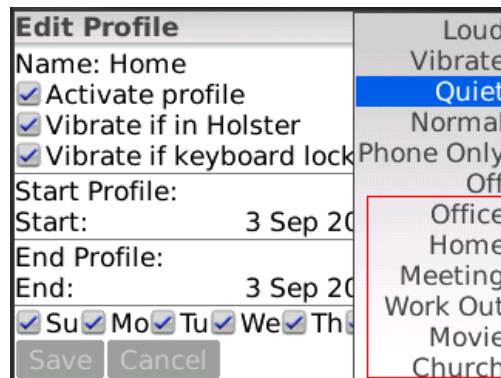
Profiler Screen

System Profile App

Since Profiler cannot interface with the system Profile application the work around for custom profiles is to edit the custom names to match the Profile application.

There are 10 custom names in Profiler that you can edit. Custom 1 should be the first custom profile name in the system Profile application, Custom 2 is the second and so on.

Custom profiles start from the Off profile in the system Profiles application.



When you create or edit a profile you will see the custom profile names.

## 9. Setting Application Permissions

Proper permission must be enabled for Profiler to work correctly. To edit permission do the following and set all permissions to ALLOW

1. Run the Options application on the Home screen
2. Select Advanced Options
3. Select Applications
4. Select LocProfiler
5. Press the Menu key and select Edit Permissions
6. Set all Permissions to ALLOW

### 9.1 Known Issues

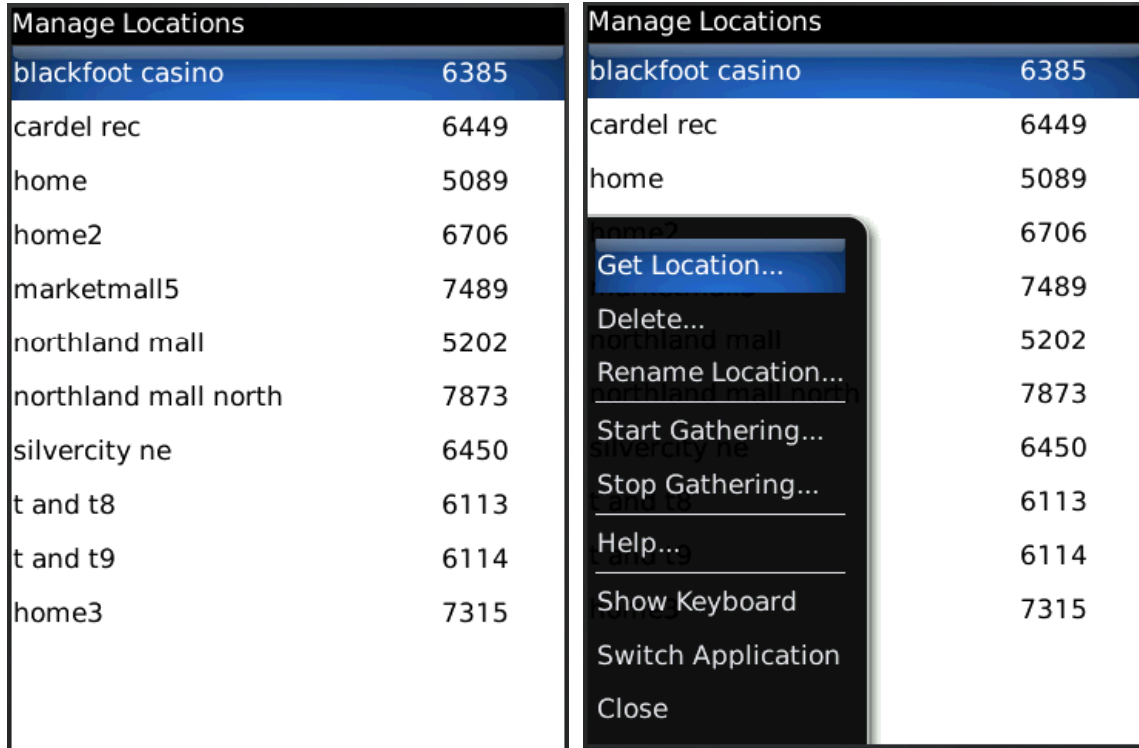
1. When the device is in the Holster Profiler cannot switch the Profile until you take it out.
2. When the keyboard is locked Profiler cannot switch the Profile until you unlock it.

## 10. Export and Import

Export will save the current Profiles, Locations and Custom Profile names to the SD Card. The file name cellid\_log.txt is saved in the BlackBerry folder.

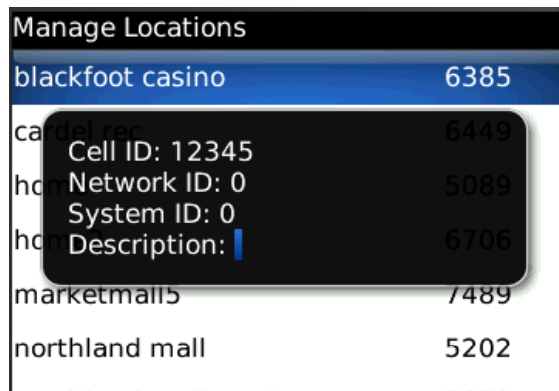
Whenever you upgrade your BlackBerry® OS make sure you do an export first. Once the OS has been upgraded you can then reinstall Location Profiler and then select Import from the menu to all your data loaded.

## 11. Manage Locations



Location Profiler uses cell tower information to manage your profiles. You can add, delete and edit locations on this screen.

To add a new location select Get Location... from the menu and the following window will be opened.



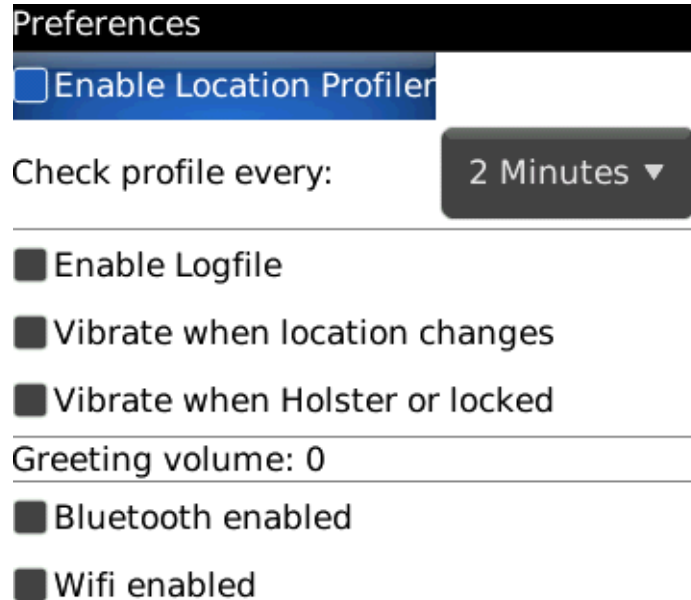
You can edit the Cell ID and Description only. Other fields are not editable.  
To save press the ESC key and you the location will be saved to the database.

## 11.1 Gathering Cell IDs

To have Location Profiler automatically gather all the cell ids for the current location select Start Gathering... from the menu. Gathering will happen every minute so do not move too quickly around the area otherwise you may miss some cell ids. After about 10 minutes you can select Stop Gathering... from the menu and you will see all the available cell ids for the current location. After you have saved the new locations you can then go back to the main screen and create a new profile or add the new location to the existing profile.

Typically there are multiple cell ids around a given area so if your Profiles are activating at odd times then you may need to get the new cell id and add it to your profile.

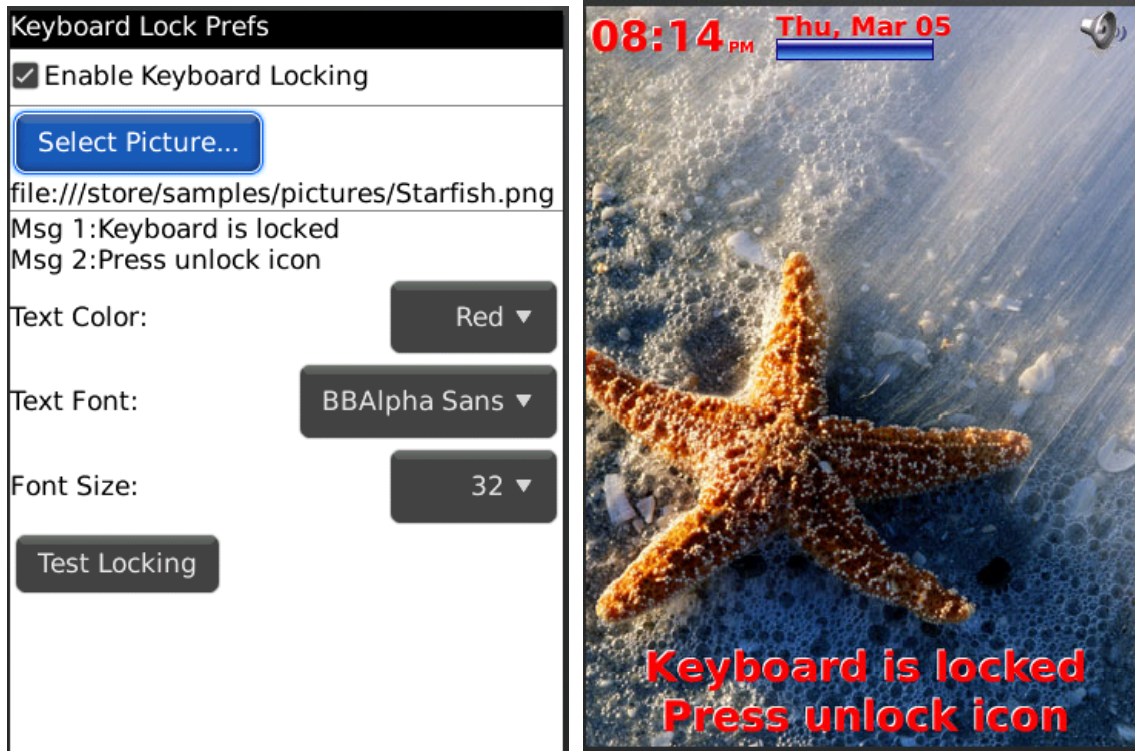
## 12. Preferences



Control	Descriptions
<input type="checkbox"/> Enable Location Profiler	To enable and disable location profiler check and uncheck it.
Check profile every: <input type="button" value="2 Minutes ▼"/>	Check profiles every x minutes. Some times when you go by some locations you do not want it to change. Set it to a higher minute to avoid profiles going off. If you know you are at a location for a long time then you can set it to 2 or 3 minutes.
<input checked="" type="checkbox"/> Enable Logfile	When a location is changed it will write to the log file. You can select Delete Logfile from the menu to delete it. The log file is saved on the SD Card in the /BlackBerry/cellid_log.txt
Greeting volume: 0	The volume to use when playing the sound when you arrive at a location.
<input checked="" type="checkbox"/> Vibrate when location changes	When a profile is switched vibrate
<input checked="" type="checkbox"/> Vibrate when Holster or locked	Vibrate when the BlackBerry® is in the Holster or when the keyboard is locked.

<input checked="" type="checkbox"/> Bluetooth enabled	<p>With each profile you can set to turn on or off Bluetooth. Here you must set the state of Bluetooth. If Bluetooth is turned on then check it. Otherwise uncheck it. This must be insync otherwise with Profiler do a switch it will be incorrect. If you manually switch on and off Bluetooth you will need to set this in Profiler and make it insync.</p>
<input checked="" type="checkbox"/> Wifi enabled	<p>With each profile you can set to turn on or off Bluetooth. Here you must set the state of Bluetooth. If Bluetooth is turned on then check it. Otherwise uncheck it. This must be insync otherwise with Profiler do a switch it will be incorrect. If you manually switch on and off Bluetooth you will need to set this in Profiler and make it insync.</p> <p>Wifi checkbox will only be visible if your device has WIFI.</p>

## 12.1 Keyboard Locking



Keyboard Locking on the BlackBerry® Storm

If you use the system Lock application then Location Profiler can not switch the profile. This is a RIM security restriction. The work around is the enable Location Profiler's Keyboard locking. When the screen is turned off Profiler will activate the keyboard locking. To unlock you will need to press the ALT-A key if you have a physical keyboard. On the Storm you will have to press the Unlock button on top of the Storm.

You can customize the Keyboard locking screen. Assign a custom background picture, text font and color.

Note: If you have our regular Profiler application and also have Keyboard Locking enabled then you do not need to enable Location Profiler Keyboard locking.

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## 14. Uninstalling Profiler

To uninstall Profiler do the following:

1. Run the Options application on the Home screen
2. Select Advanced Options
3. Select Applications
4. Select LocProfiler
5. Press the Menu key and select Delete

## 15. Upgrading Profiler

Refer to section 3 on installation.

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