Indoor Radio Mapper

Release Notes

Version 4.1



Important Information

Notices

Topics:

- Legal Notices
- Document Information

This section contains document notices.



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Chapter

1

Overview

Topics:

• Highlights

The scope of this document is to provide the release notes for the HERE Indoor Radio Mapper for a particular release version. The document lists added and improved functionality as well as the issues resolved and known issues remaining in this release.



Highlights

The following highlights give a short summary of the most important changes, added functionality and improvements:

- The PIN code for publishing the radio data is 987654.
- Supports using HERE 3D Venue Maps for radio data collection and positioning testing.
- Automatic access to the customer's Private HERE Venue Maps. Once HERE has created the Venue Map based on the customer request, the Private Venue Map appears automatically in the HERE Indoor Radio Mapper landing page after the sign-in.
- Provides a new and improved user interface to simplify the process of collecting, testing and managing the radio data.



Chapter

2

Changes

Topics:

- New Features
- Functional and Behavioral ...
- Resolved Issues
- Known Issues
- Limitations and Workaround...

This section documents major changes to the release that may require the updating of affected applications.

Note: For changes made in previous releases, see the related documents at http://developer.here.com.



New Features

The following list contains new features in the current release of the HERE Indoor Radio Mapper:

- HERE 3D Venue Maps can be used in the radio data collection and positioning testing.
- Public HERE Venue Map search available.
- Private HERE Venue Maps assigned to the developer account visible in the application landing page.
- Renewed user interface throughout the application.

Functional and Behavioral Changes

There are no functional or behavioral changes in this release.

Resolved Issues

There are no resolved issues in this release.

Known Issues

The following table lists issues known to be present in the current release of the HERE Indoor Radio Mapper.

Table 1: Known Issues

#	Issue
1	HERE Indoor Radio Mapper sometimes crashes, when run on the device with other applications using the HERE Mobile SDK.

Limitations and Workarounds

This section lists known limitations and, if available, related workarounds in the current release of HERE Indoor Radio Mapper.



Table 2: Limitations and Workarounds

#	Limitation	Workaround
1	The radio data collected by the other HERE Indoor Radio Mapper instances is not shown on the indoor map.	The data is visible through the per-floor radio data management view.
2	When working with custom image-based indoor maps, floors cannot be added later on.	Add all floors at the same time.
3	HERE Indoor Radio Mapper forgets the Latitude- Longitude alignment values for the custom image-based indoor maps, when re-installing the application.	Store the calibration values elsewhere for later use.
4	HERE Indoor Radio Mapper does not support simultaneous collection of WiFi and Bluetooth radio data.	In case both radiomaps are required, you need to collect WiFi and Bluetooth radio data separately. This requires collecting radio data in the building twice, first with WiFi and then with Bluetooth.
5	HERE Indoor Radio Mapper cannot be forced to use a single radio technology while testing positioning in real-time. The tool may switch from one radio to another, if the positioning performance with the other technology seems better.	Disable WiFi or Bluetooth from the device settings. Note that the advanced setting (Settings -> Location -> Improve accuracy in Samsung devices) may allow WiFi and Bluetooth measurements even when the radio is switched off.
6	HERE Indoor Radio Mapper does not support selecting, which iBeacon UUID or Eddystone Namespaces are used in positioning.	The only workaround is not to have undesired beacons in the venue when collection radio data.
7	HERE Indoor Radio Mapper supports only one test track at a time.	Collect a single test track that covers the whole desired area. In case both Bluetooth and WiFi needs to be tested, collect first WiFi test track and test with that. Then delete the WiFi test track and perform the same for Bluetooth. Alternatively, you can use other devices running HERE Indoor Radio Mapper with the same HERE Account for collecting and running test tracks. All the Indoor Radio Mapper instances working under the same HERE Account see the same positioning data.
8	HERE Indoor Radio Mapper does not support sharing test tracks between other HERE Indoor Radio Mapper instances working under the same HERE Account.	No workaround.
9	HERE Indoor Radio Mapper supports up to three simultaneous logins from different devices.	No workaround.
10	HERE Indoor Radio Mapper allows collecting radio data for Public HERE Venue Maps even though	No workaround.



#	Limitation	Workaround
	commercial license would not support Public Indoor Positioning. If such radio data is collected in the commercial phase, the radio data cannot be published to production.	
11	Test track is lost, when re-installing the HERE Indoor Radio Mapper.	No workaround.
12	The custom indoor map alignment information cannot be shared between HERE Indoor Radio Mapper instances.	The alignment needs to be completed in each of the HERE Indoor Radio Mapper instances separately.



► Package Information

Chapter

3

Package Information

Topics:

Package Contents

This chapter contains information on the package delivery, the package contents, the dependencies and installation guide.



Package Contents

The package delivered contains the following:

- HERE Indoor Radio Mapper application package
- HERE Indoor Radio Mapper User Guide
- HERE Indoor Radio Mapper Release Notes



Appendix

A

Appendix

Topics:

- Related Documents
- Open Source Notices

This appendix contains topics other than immediately regarding changes and issues in the release such as release overview, technical specifications, dependencies, 3rd party copyright notices, release quality and related documents.



Related Documents

Find more information on the HERE Indoor Radio Mapper not immediately related to the release. Other documents cover this information:

- HERE Indoor Radio Mapper User Guide
- HERE Indoor Positioning Installation Guide

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