



Indoor Radio Mapper

Release Notes

Version 4.5

Important Information

Notices

Topics:

This section contains document notices.

- [Legal Notices](#)
- [Document Information](#)

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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:

- Indoor Radio Mapper now provides feedback on both the quality of the data collection and the quality of the wifi/bluetooth infrastructure also when using customer-specific custom indoor maps
- Indoor Radio Mapper now analyzes the rate of WiFi scans and indicates the desired data collection speed
- The PIN code for publishing the radio data is 987654

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:

- After collecting radio data (wifi or bluetooth), it is possible to inspect both the quality of the radio data collection (density) and the quality of the radio infrastructure either separately or in a combined view. The data collection quality view helps the user to direct further collection efforts to the most meaningful areas. The infrastructure quality view, on the other hand, helps the user to install further wifi access points or bluetooth beacons to the affected areas. Earlier this feature was only available, when using the HERE Venue Maps, but now the feature is also extended to support customer-specific image-based custom indoor maps.
- The variability in the WiFi scan rates causes issues for the WiFi data quality. HERE Indoor Radio Mapper now analyzes the walking speed and the device WiFi scan rate to indicate, if the person doing radio data collection is walking too fast. In such a case, the person is instructed to walk slower.

Functional and Behavioral Changes

There are no functional or behavioral changes in this release.

Resolved Issues

The following table summarizes major issues resolved in Indoor Radio Mapper.

Table 1: Resolved Issues

#	Issue
1	Extended zoom is now also available when testing positioning with custom indoor maps (earlier only for radio data collection).
2	The quality views for data collection and radio infrastructure are now available with custom indoor maps too (earlier only for HERE Venue Maps).
3	HERE Indoor Radio Mapper now supports Android 8.0.

Known Issues

There are no known unresolved issues in this release.

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	HERE Indoor Radio Mapper forgets the Latitude-Longitude alignment values for the custom image-based indoor maps, when uninstalling and re-installing the application.	Store the alignment values elsewhere for later use.
2	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.
3	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.
4	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.
5	HERE Indoor Radio Mapper supports up to three simultaneous logins from different devices.	No workaround.
6	Test track is lost, when re-installing the HERE Indoor Radio Mapper.	No workaround.
7	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.
8	If the location is disabled in the Android primary profile, Wi-Fi scans are not allowed in the Android secondary profile.	Do not use secondary profiles.

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

Other Information

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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Indoor Radio Mapper Release Notes

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