



Bluetooth[®] Real-Time Locating Library 7.1.2.0 GA

Gecko SDK Suite 4.4

August 14, 2024

Silicon Labs is a leading vendor in Bluetooth hardware and software technologies, used in products such as sports and fitness, consumer electronics, beacons, and smart home applications.

The Real-Time Locating (RTL) library contains features for Angle of Arrival estimation and spatial positioning. The software library comes with a C-programming language API for Windows (x86_64) and Linux (ARM Cortex A, x86_64) hosts.

The RTL Library is released with the Bluetooth SDK. These release notes cover the following version(s):

- Real-Time Locating Library 7.1.2.0 in Bluetooth SDK 7.1.2.0 released on August 14, 2024 (underlying code changes only).
- Real-Time Locating Library 7.1.1.0 in Bluetooth SDK 7.1.1.0 released on May 2, 2024 (underlying code changes only).
- Real-Time Locating Library 7.1.0.0 in Bluetooth SDK 7.1.0.0 released on April 10, 2024 (underlying code changes only).
- Real-Time Locating Library 7.0.1.0 in Bluetooth SDK 7.0.1.0 released on February 14, 2024 (underlying code changes only).
- Real-Time Locating Library 7.0.0.0 in Bluetooth SDK 7.0.0.0 released on December 13, 2023.



KEY FEATURES

- Underlying code changes only

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1 New Items

None.

2 Improvements

None.

3 Fixed Issues

None.

4 Known Issues in the Current Release

Issues in bold were added since the previous release.

ID #	Description	Workaround
375152	In heavy multipath conditions, the line-of-sight signal is not always detected correctly. In some cases this may mean large errors in both azimuth and elevation readings.	None

5 Deprecated Items

None.

6 Removed Items

None.

7 Using This Release

7.1 Installation and Use

For instructions on developing with the RTL library, see [AN1296: Application Development with Silicon Labs' RTL Library](#) and the API reference included with the documentation installed through Simplicity Studio in the Bluetooth SDK.

7.2 Support

Development Kit customers are eligible for training and technical support. Use the [Silicon Labs Bluetooth LE web page](#) to obtain information about all Silicon Labs Bluetooth products and services, and to sign up for product support.

Contact Silicon Laboratories support at <http://www.silabs.com/support> or through links on the Simplicity Studio Welcome page.

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