



# **Bluetooth<sup>®</sup> Real-Time Locating Library 7.3.0.0 GA**

## **Gecko SDK Suite 4.4**

### **February 26, 2025**

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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 7.2.0.0 in Bluetooth SDK 7.3.0.0 released on February 26, 2025 (underlying code changes only).
- Real-Time Locating Library 7.2.0.0 in Bluetooth SDK 7.2.0.0 released on October 23, 2024 (underlying code changes only).
- 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**

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- Underlying code changes only

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## 1 New Items

None.

## 2 Improvements

None.

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### 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.

# Simplicity Studio

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