

Amazon Sidewalk

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Amazon Sidewalk Version 2.8.0 - Release Notes (Jan 22, 2026)

Amazon Sidewalk is a secure, low-bandwidth, long-range wireless protocol designed to connect smart devices and extend their range beyond standard Wi-Fi or Bluetooth. It enables seamless connectivity for IoT devices in homes and neighborhoods, supporting features like device tracking, smart lighting, and sensor networks. For information about previous releases, see the [release notes archive](#).

Release Summary

[Key Features](#) | [API Changes](#) | [Bug Fixes](#) | [Chip Enablement](#)

Key Features

- Support for Simplicity SDK 2025.12.0.
- Support for RAIL 3.0.

API Changes

None.

Bug Fixes

- DULT related bug fixes.
- KG100S Software component fixes.

Chip Enablement

None.

Key Features

[New Features](#) | [Enhancements](#) | [Removed Features](#) | [Deprecated Features](#)

New Features

None.

Enhancements

None.

Removed Features

None.

Deprecated Features

None.

[New APIs](#) | [Modified APIs](#) | [Removed APIs](#) | [Deprecated APIs](#)

New APIs

None.

Modified APIs

None.

Removed APIs

None.

Deprecated APIs

None.

Bug Fixes

ID	Issue Description	GitHub / Salesforce Reference (if any)	Affected Software Variants, Hardware, Modes, Host Interfaces
1512585	DULT - Handle stopped BLE stack.	None.	<ul style="list-style-type: none"> Amazon Sidewalk - SoC CLI All BLE OPNs and boards SoC
1528095	Semtech component not added automatically with KG100S Software component.	None.	<ul style="list-style-type: none"> Amazon Sidewalk - SoC Hello Neighbor, Amazon Sidewalk - SoC CLI All the OPNs SoC PAL

Chip Enablement

None.

Application Example Changes

[New Examples](#) | [Modified Examples](#) | [Removed Examples](#) | [Deprecated Examples](#)

New Examples

None.

Modified Examples

None.

Removed Examples

None.

None.

Known Issues and Limitations

None.

Impact of Release Changes

[Impact Statements](#) | [Migration Guide](#)

Impact Statements

None.

Migration Guide

None.

Using This Release

[What's in the Release?](#) | [Compatible Software](#) | [Installation and Use](#) | [Help and Feedback](#)

What's in the Release?

The Sidewalk MCU SDK v2.8.0 release introduces mainly support for the latest SiSDK 2025.12.0 and stability improvements. RAIL 3.0 support is available with this release.

Compatible Software

Software	Compatible Version or Variant
Simplicity SDK	Simplicity SDK 2025.12.0
Amazon Sidewalk SDK	1.19.1

Installation and Use

To run your first demo, see our [Getting Started Guides](#).

To kick start your development, see our [Developer's Guide](#).

For information about Secure Vault Integration, see [Secure Vault](#).

To review Security and Software Advisory notifications and manage your notification preferences:

1. Go to <https://community.silabs.com/>.
2. Log in with your account credentials.
3. Click your profile icon in the upper-right corner of the page.
4. Select Notifications from the dropdown menu.
5. In the Notifications section, go to the My Product Notifications tab to review historical Security and Software Advisory notifications
6. To manage your preferences, use the Manage Notifications tab to customize which product updates and advisories you receive.

For recommended settings, configurations, and usage guidelines, see our [Developer's Guide](#).

To learn more about the software in this release, dive into our [online documentation](#).

Help and Feedback

- Contact [Silicon Labs Support](#).

To use our Ask AI tool to get answers, see the search field at the top of [this page](#).

Note: Ask AI is experimental.

- Get help from our [developer community](#).

Feature Matrix

Unsupported Features

- Sidewalk Bulk Data Transfer (SBDT): Sidewalk BLE integrated OTA mechanism is available in our Sidewalk alpha repository, as it is not publicly accessible on the Amazon AWS side.
- Switched Multiprotocol (SMP): Sidewalk, BLE, Z-Wave SMP PoC are available in our alpha repository.

SDK Release and Maintenance Policy

See our [SDK Release and Maintenance Policy](#).