



# Bluetooth® Mesh ADK 6.0.5.0

## October 23, 2024

Bluetooth mesh is a new topology available for Bluetooth Low Energy (LE) devices that enables many-to-many (m:m) communication. It's optimized for creating large-scale device networks, and is ideally suited for building automation, sensor networks, and asset tracking. Our software and SDK for Bluetooth development supports Bluetooth Mesh and Bluetooth 5 functionality. Developers can add mesh networking communication to LE devices such as connected lights, home automation, and asset tracking systems. The software also supports Bluetooth beaconing, beacon scanning, and GATT connections so Bluetooth mesh can connect to smart phones, tablets, and other Bluetooth LE devices.

These release notes cover ADK version(s):

- 6.0.5.0 released on October 23, 2024 (underlying Bluetooth changes only)
- 6.0.4.0 released on August 14, 2024 (underlying Bluetooth changes only)
- 6.0.3.0 released on May 2, 2024
- 6.0.2.0 released on April 10, 2024
- 6.0.1.0 released on February 14, 2024 (underlying Bluetooth changes only)
- 6.0.0.0 released on December 13, 2023



### KEY FEATURES

- Added support for Networked Lighting Control (NLC) profiles. Mobile Application can detect the presence of a NLC based device and automatically provision and configure it.

## Compatibility and Use Notices

- This release is to be used with Bluetooth Mesh SDK 6.1.3.0.
- The iOS ADK supports the last three major releases of the iOS system (iOS 14, iOS 15 and iOS 16).
- The Android ADK supports the last three major releases of the Android system (Android 11, Android 12 and Android 13).

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# 1 Android

## 1.1 New Items

### Added in release 6.0.0.0

Added support for Networked Lighting Control (NLC) profiles. Mobile Application can detect the presence of a NLC based device and automatically provision and configure it.

## 1.2 Improvements

### Changed in release 6.0.0.0

Updated the ADK to match the adopted specification terminology for DFU.

## 1.3 Fixed Issues

### Fixed in release 6.0.0.0

ID #	Description
1166597	Fixed Advertisement Configuration error.

## 1.4 Known Issues in the Current Release

None

## 1.5 Deprecated Items

None

## 1.6 Removed Items

### Removed in release 6.0.0.0

None

## 2 iOS

### 2.1 New Items

#### Added in release 6.0.0.0

- Added support for Networked Lighting Control (NLC) profiles. Mobile Application can detect the presence of a NLC based device and automatically provision and configure it.

### 2.2 Improvements

- Updated the ADK to match the adopted specification terminology for DFU.

### 2.3 Fixed Issues

#### Fixed in release 6.0.0.0

ID #	Description
1156418	Fixed Advertisement Configuration error.

### 2.4 Known Issues in the Current Release

None

### 2.5 Deprecated Items

None

### 2.6 Removed Items

None

## 3 Using This Release

### 3.1 Installation and Use

See [AN1200.1: iOS and Android ADK for Bluetooth® Mesh SDK 2.x and Higher](#) for information about required tools and compatible platforms.

### 3.2 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>.

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