

# S212/S332 Migration Document

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## Introduction

This document will cover how to migrate an application to newer versions of the S212/S332 SoftDevices. Specifically, this document addresses the required application changes related to the ANT portion of the SoftDevice. This document should be used in conjunction with the S132 migration notes located in this package for the SoC/BLE portions of a migration.

### 4.0.2->5.0.0 Migration

There are no changes to the ANT stack between these versions. The S132 migration notes should be reviewed as changes were made to the SoC and BLE APIs.

### 2.0.0->4.0.2 Migration

The following API modifications are in version 4.0.2:

- *sd\_ant\_channel\_open* has been replaced with *sd\_ant\_channel\_open\_with\_offset*, which has a second parameter that allows the channel to open at an offset from the time of the call instead of a fixed offset relative to existing channels. The variable is named `usOffset` and is a 16-bit number representing the number ticks to wait before opening the channel.
  - A macro has been provided to allow existing applications to continue using *sd\_ant\_channel\_open*.