Version 2.1.1

Overview

This lab demonstrates the use of TI mmWave sensors in an automated door application. Using the IWR6843, detection and tracking algorithms run onboard the device to localize people and track their movement with a high degree of accuracy. The visualizer simulates a door at the location of the sensor which will open when a person is 3 seconds away from reaching it. This lab also features a static object detection algorithm in order to sense non-human obstructions.

What's New

- Support for IWR6843AoPEVM

Features

The following are new features in this lab:

- Supports mmWave-SDK 3.5.x
- Implementation of Static Object Detection Algorithm
- Implementation of new gtrack algorithm in-line with mmWave-SDK 3.x architecture
- Supports IWR6843 ES2.0
- New GUI with door diagram and static point cloud visualization

Resolved Incident Reports

The following are Incident Reports resolved in this release:

- N/A

Known Issues

The following are Known Issues in this release:

- N/A

Work Arounds for Major Known Issues

The following are workarounds for each known issue with a major severity that exists in this release:

- N/A

Limitations

The following is a list of known limitations for this release that were known at the time of release:

- N/A