



# 3D Unai

## Indoor Localization System with Bluetooth Low Energy

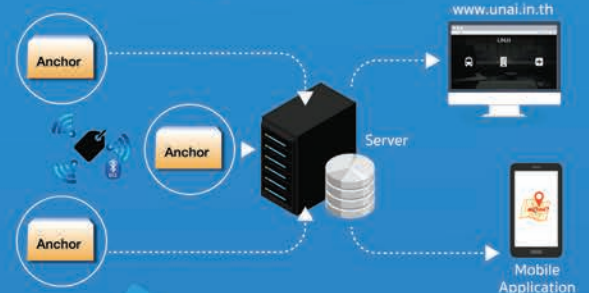
Unai is a localization platform that provides real-time location of objects or persons in a specific area. It enables an object or a person to be tracked inside a building or in an area of a pre-defined boundary.

The platform requires that two types of wireless communicating devices are deployed in the area. Those are tags which are generally attached to objects or persons being tracked and anchors which provide reference locations to the system. Bluetooth Low Energy (BLE) is used for the communication between those two types of devices and enables the distances between a tag and different anchors to be measured.

With these measured distances and a calculation algorithm inside a dedicated anchor, a server, or even on a cloud, the location of the tag is known. The anchors can communicate with each other on a network such as Wi-Fi so that the area coverage can be widely expanded.

## APPLICATIONS

The industries that may utilize the platform includes



For more Information

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