



Qualcomm Technologies, Inc.

Qualcomm Aware™ Positioning Services for MDM9205

User Guide

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Revision history

Revision	Date	Change reason
AC	August 2024	Updated the product name from Qualcomm Terrestrial Positioning Service (TPS) to Qualcomm Aware Positioning Service in the entire document.
AB	October 2023	Updated the document to conform to current documentation standards. No technical content was changed in this revision
AA	June 2022	Initial release

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1 Qualcomm Aware positioning service overview

The Qualcomm Aware™ positioning service, formerly known as Skyhook location service, provides access to positioning information by analyzing positioning anchors such as Wi-Fi access points and cell IDs in known locations.

Scope

This document describes the configuration parameters to enable the location service in MDM9205 chipsets.

Technical assistance

For assistance or clarification, write to support.tps@qti.qualcomm.com.

2 Set up positioning service on MDM9205

QCA4004 Wi-Fi chip is compatible with a Qualcomm embedded client that is pre-integrated and available from MDM9205.Tx.1.1 release.

API key

An evaluation agreement is required to obtain an API key. For more information, contact the Qualcomm Aware positioning service sales team at sales.tps@qti.qualcomm.com.

Configuration

To enable the positioning service, configure the following parameters in the `location.conf` file:

Table 2-1 Location configuration parameters

Parameter	Example values
Skyhook ELG server host name	elg.skyhook.com
Skyhook ELG server port	9756
Partner ID	Provided by Qualcomm
Partner AES key	Provided by Qualcomm
AES key ID ^a	1

^a The AES key ID is a nonzero value and can be 1 for all keys.

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