

Technical specification

Coverage, map data and its edit history, places and verification, search, routing and navigation, road reports, the business side, the APIs, sign-in and service for asasii maps.

Coverage

Area	Malaysia only: Peninsular Malaysia, Sabah and Sarawak
Outside Malaysia	Shown grey, with no data
Zoom	From all of Malaysia down to a close-up street view; never out to a world view

Map data

Source	Our own: roads, buildings, parks, water, places, entrances and tolls collected and kept by asasii maps
Imagery	Our own drone and survey imagery, and GPS tracks
Outside data	No outside map, traffic, transit or registry data is imported, copied or traced
Who edits	Our own mapping and field teams; owners for their own places; community edits checked by our team
Model	Points, lines and relations with tags, each with a version and the changeset that last changed it
History	Every version of every element kept
Changesets	A group of edits by one person with a comment, applied all at once or not at all

Places

Verified	A tick on the pin and in every list, with the date the owner last confirmed the details
Re-confirm	Every 90 days by the owner, one tap; a missed re-confirm removes the tick until the owner confirms
Unverified	Shown smaller and unlabelled, with when it was last confirmed
Closed places	Reported by people nearby; several independent reports take a place out of search, and our review team decides

Hours	Opening hours, a Friday prayer break, Ramadan hours, public holiday and festive closures
Halal	Halal certificate on file only after our review team has seen a valid certificate, with its expiry date; an owner's own statement shown as such
Entrances	One or more entrances per place, each with a note, where every route ends
Categories	Our own list, grouped, with owners able to suggest a missing one

Search

Addresses	Malaysian address shorthand (ss2/24, jln, lrg) and postcodes read by our own address parser
Understanding	The road, area and postcode the search was read as, shown with the results
Filters	Verified, Open now and Halal, using owner data checked by our review team
Nothing found	Leads to adding a missing place, with wider searches offered

Routing and navigation

Modes	Car, motorcycle and walking; no public transit
Toll	On every car route, from our own toll table, with the plaza marked and a route without toll offered with the ringgit it saves
Toll table	Kept by our own team and labelled with the date it was last checked
Motorcycles	Own travel times, motorcycle lanes where they exist, motorcycle toll rules and arrival at motorcycle bays
Avoid	Tolls and expressways, one switch each
Guidance	Turn by turn with the distance, the road name in full and the lane
Arrival	At the entrance a place has pinned, with a one-tap check that it was right
Offline	The Klang Valley, maps and places, kept on the phone
Units	Kilometres, RM, 12-hour time

Road reports

Kinds	Jam, accident, flood, road closed, pothole and hazard
Reporting	Two taps, placed where the person is, no typing

Confirming	People passing are asked whether it is still there; confirmations keep it, answers that it has gone clear it, and an unconfirmed report fades
Rerouting	Offered with the minutes it saves, never forced
Source	Our own users only; no outside traffic feed

For business

Claim or add	Search for the business and claim it, or add it with the pin on the front door
Verify by photo	Taken in the app, never from the photo library, stamped with GPS position and time, within 30 m of the pin
Verify by document	A photo of the business registration certificate, read by our review team
Verify by visit	A visit from our own field team
Editing	Only the verified owner edits the details; suggestions from others go to the owner first
Insights	Views, direction requests, calls and new reviews over the last 30 days
Reviews	Replies shown as the owner's reply
Cost	Free; no paid boosts and no ads

APIs and SDKs

The map	The same in-house map, places and toll table the app runs on
Map tiles	Vector tiles with layers for roads, buildings, land use, water and places
Search and geocoding	Addresses and places to a position and back, with Malaysian address shorthand
Routing and navigation	Car, motorcycle and walking routes with travel times, tolls and arrival at the entrance
Fleet and logistics	Vehicles and riders live on the map, and routes planned with their tolls
GIS layers	Roads, buildings, land use, water and places as layers for government work
Map data	Elements and their history by area, for permitted uses
Outside services	None in the path

The app

Platform	iPhone
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Language	English
Sign-in	Optional; a Malaysian phone number and a one-time code from asasii maps
Appearance	Light and dark, with a true black map at night
Saved places	Lists that can be shared, with owner changes to saved places shown in Saved

Service

Map data	Kept current by our own mapping, field and review teams
Support	Severity-based response times and incident response
APIs	Versioned, with notice before anything changes

asasii maps is a product of idataraya Sdn Bhd (1263428-K), Kuala Lumpur. Built and run by idataraya on its own map data, with no outside service in the path. info@idataraya.com · maps.asasii.com