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You can track your mobile fleet using IDAS™ in the digital or analog mode.

Using our new Quicksilver GPS engine (IA-10301 module) that plugs directly into the 25 pin connector on the back of the F5061/6061 mobile, GPS capability is now accomplished. This is truly a plug and play AVL solution. The only decision you need to make is to use it in the analog OR digital mode.

What is it?

Quicksilver GPS is a compact plug and play solution for our F5061/6061 mobiles. The new form factor provides ease of installation for new and existing mobile radio installations. There are no hardware modifications necessary, as the GPS engine is INSIDE the IA-10301 adapter plug. There is no need for a second channel as both data and voice share one channel with no information loss (less than 300ms to TX GPS data). It has extremely fast start times (less than 1 second) and less than 32 seconds to first fix. This is a very low cost AVL solution. It works along with ICOM approved third party mapping vendors (Rastrac and OziFleet).

How does this work?

To utilize this configuration, you will need to do the following:

- Connect the optional IA-10301 Quicksilver GPS to the radios DB-25 accessory connector.
- Attach the supplied GPS antenna.
- Clone the radio to accept GPS messages at the rear accessory connector.
- No hardware modifications are needed and the Quicksilver GPS does not require any calibration or programming.

Installation can even be done without removing the radio from a vehicle as the rear accessory connector is accessible.

What Equipment is needed?

- One F5061/6061 with IDAS or EMDC as a base station
- A fleet of IDAS or EMDC F5061/6061 mobile radios
- Third party ICOM approved mapping software, Rastrac or OziFleet.
- Ezy Dispatch Software that you can download on the Icom Knowledge base on our B2B site (<https://dealers.icomamerica.com>), username and password is required. This allows you to use the following features to communicate between dispatch and fleet:
 - Checking GPS location
 - Status requests
 - Radio Check
 - Logs and saves position data for later review if desired
 - Selective Call
 - Stun/Revive
 - Call Alert



Benefits:

1. Locate and send the nearest vehicle to the customer
2. Accomplish a greater number of pickups and deliveries per day.
3. Increase on-time deliveries.
4. Increase the number of vehicles that a dispatcher can manage.
5. Provides you with tracking report documentation.

Who can use this?

There are many target markets for GPS being part of the fleet radio system. The most popular ones are:

- **Emergency Vehicles**
 - Law enforcement
 - Fire
- **Towing and snowplowing**
 - EMS
- **Delivery Services**
 - Courier
 - Newspapers
 - Fast food
- **Freight Trucking**
- **Schools and Education**
 - Campus Security
 - Schools and Education
- **Forestry**
 - Oil and Gas Exploration
 - Search and Rescue
- **Public Transportation**
 - Taxi's
 - Buses
 - Vans

Where can I get more information?

Go to the Icom Knowledge Base on our B2B site for:

1. Step by step manual on enhanced MDC
2. Step by Step manual on Quicksilver GPS
3. Enhanced MDC software with drivers

Current ICOM authorized third party mapping software vendors:

RASTRAC
www.rastrac.net/index.html

OziFleet
www.mapsdigital.com/ozifleet.php

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