



affordably
Do you know where your vehicles are?

SimpleTrack

AUTOMATIC VEHICLE LOCATION
USING 2-WAY RADIOS
AND YOUR PC



Keep track of your vehicle fleet simply and affordably with SimpleTrack, one of Icom's low-cost Automatic Vehicle Location (AVL) solutions.

Military-rugged Icom radios transmit GPS data to your base radio and PC without interfering with voice communications. SimpleTrack only needs one radio channel!

SimpleTrack is based on Icom's EMDC signaling solution for 2-way radio. If you are already using an MDC1200 radio system, it's fully compatible with EMDC. And if it uses EMDC, it can use SimpleTrack!

Don't know what MDC1200 and EMDC are? It's okay, you don't need to. Your Icom dealer can set up an affordable SimpleTrack system for you.

Know where your resources are. Add modern, powerful AVL functionality to your military-rugged 2-way radio system. SimpleTrack is your affordable safety and productivity solution.

800-USA-ICOM

www.icomamerica.com/AVL



Simulation only.

No monthly fees or dues.

**Across campus or across town,
keep track of your staff
and resources.**

**Voice and GPS share
one radio channel. Smart!**

Icom America Inc.

General SimpleTrack features:

- Very low cost AVL solution
- Order pre-installed from Icom or easy Authorized Icom Dealer installation
- Front panel programming without opening the radio
- State-of-the-art GPS engine
 - SiRFstarIII™ technology
 - 159dBm sensitivity
 - 20 Channels to improve accuracy and coverage
 - Extremely fast start times (<1 sec)
- Works with multiple mapping vendors
- Location sent at beginning or end of all voice transmissions
- Location sent automatically at timed intervals (Beaconing)
- RF collision avoidance
- Works on repeater systems



SimpleTrack is ideal for utilities, delivery firms, taxi services, and more!

SimpleTrack radio and software components

All Icom transceivers are built to meet rugged military specifications (MIL SPEC), offer 25kHz legacy and 12.5kHz narrowband channel spacing, are available in VHF or UHF versions, and come with a 2 year warranty.

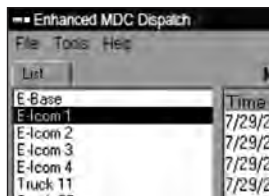
IC-F1721B series dispatch transceiver. Small tabletop footprint, plugs into a standard 115 V AC wall outlet. It's a complex radio made easy. Up to 256 channels.

IC-F121 series mobile transceiver. Includes a LCD screen that can be programmed with names to help give faster ID of channel usage (example: "security", "Bus 12", "Office", etc.). Up to 128 channels.

IC-F121S series mobile transceiver. Icom's simplest and most affordable mobile radio is as rugged and capable as any other. Up to 8 channels.

Icom EMDC dispatch software. For your office PC running Windows® XP. Comes with your SimpleTrack-equipped Icom radio or upgrade kit. This software is the interface that allows you to communicate between a dispatch radio and subscriber radios. It logs and saves position data for later review, too.

Third party mapping software. To view the SimpleTrack subscriber radio's GPS information on your PC monitor, you'll need mapping software. Icom America has several recommended vendors to select from, please visit our website or see the accompanying software handout.



**Need to reprogram?
Don't remove the radio!**

Time to reprogram your already-installed SimpleTrack mobile radio? There's no need to take apart the dash or open up the radio case. Simply plug one end of the special SimpleTrack programming cable right into the mic jack, and the other into your PC laptop. It's quick, simple, and done right in the vehicle. Smart!



Order radios SimpleTrack ready, or update your own.

Radios equipped with SimpleTrack may be ordered right from Icom. Or you may be able to have your existing Icom radio updated with SimpleTrack, but some hardware changes may be required. Check with your authorized Icom dealer to see if your Icom radios qualify.

How does SimpleTrack send GPS information?

GPS data signals are "piggybacked" on to voice transmissions with virtually no effect on voice quality. The number of data transmissions is minimized by sophisticated error correction. Icom's data compression method is fast, up to 10x as fast. Plus, Icom's technology is smart enough not to waste airtime if the vehicle is not moving.

Icom America Inc.

For People Who Make Smart Choices

2380 116th Ave NE
Bellevue, WA 98004
Voice: 425-454-8155
Fax: 425-454-1509
www.icomamerica.com
sales@icomamerica.com

