



UHF / VHF ENHANCED SIGNALING SYSTEM

## ENHANCED MDC (EMDC)

*For existing MDC 1200 systems.  
Or for new signaling systems.*

***Visually manage your in-field resources.***

*Voice. GPS. Free text. Diagnostics. All using just one channel.*



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***EMDC is fully compatible  
with MDC 1200.***

***No second channel for data needed.  
Get voice and data, all on one!***

*Enhanced MDC tones are very fast.  
Even long data bursts like GPS/AVL  
won't clip voice communications.*

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Keeping a visual track on your in-field assets is part of modern management practices. Icom's Enhanced MDC (EMDC) lets you add this functionality to your existing MDC 1200 system. With EMDC, even track on-foot staffers who use a portable radio.

Sending simple text messages via your own EMDC system is free, and something MDC 1200 does not offer.

Upgrading to competitive solutions like FleetSync™ requires that all the radios on an existing MDC 1200 system be replaced. Not EMDC. Enhanced MDC is fully backwards compatible with MDC 1200. This means you can make incremental radio upgrades to a MDC 1200 fleet without scrapping the existing system.

Unlike some proprietary systems that require you use their AVL mapping software, EMDC allows you to choose the third party mapping software that's right for you.

**Icom America Inc.**

FEATURES	EMDC
AVL Report	YES
AVL Poll	YES
Automatic AVL Report	YES
Update Auto AVL Rate	YES
Update Auto AVL Offset	YES
Short Text Message	YES
Battery State Poll	YES
RSSI Poll	YES
MDC 1200 Compatible	YES
LTR® Capable	YES



Both analog radios shown may be upgraded to IDAS™. IDAS is digital radio, and the true future of two-way communications. IDAS offers clearer voice, more data options, and true 6.25kHz spectrum efficiency. EMDC is a smart step towards a migration to digital radio plan.

**If you already have an MDC 1200 system, you can add an EMDC radio without affecting the rest of your fleet.**

**EMDC radios can do what MDC 1200 can do.**

**MDC 1200 radios not equipped with EMDC will simply ignore EMDC signals. Grow into EMDC at your own pace.**

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Plug in a HM-170GP GPS mic to the F3161 series portable and your on-foot staff can be tracked on a map in real-time, just like a vehicle. Instead of AVL (Automatic Vehicle Location), we call it APL (Automatic People Location).

Icom's F5061 series mobile has a D-SUB 25 pin ACC connector on the rear panel for connecting various external devices, such as the Icom Quick Silver GPS accessory for AVL operation.



## 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

