

Mobile Computing Technology Modules

AVL/GPS, Aerial Photographs, Maps and Routing – The ICS AVL/GPS software for the ICS MDC allows users to have a “moving map display” of all available units in their vehicles (including other agency units) and transmit their locations to the ICS CAD. ICS CAD users are also able to display and track vehicles equipped with the AVL software.

Police/Sheriff patrol cars equipped with AVL/GPS units that have assigned areas to patrol can also use GPS to map a car's previous route through his beat, by time of day or day of week and units speed. Police/Sheriff officers also use AVL/GPS to track the transport of prisoners within the state, across state lines or where ever a warrant exists. GPS is also used as a tool to track officers to make sure the car is within the proper jurisdiction and patrolling its assigned streets and areas.

Police/Sheriff officers utilize AVL/GPS when responding to 911 emergency calls. AVL /GPS dispatching is used to show on-duty police vehicle locations on a Computer Aided Dispatching map. Emergency dispatch centers use AVL/GPS to find responder vehicles that are closest to the scene of an emergency. AVL/GPS in the patrol unit provides other non responding units with updated information regarding the call, should they be required to assist, without contacting dispatch.

AVL/GPS ensures the safety and accountability of all officers on the force, but it also provides the law enforcement agency, its officers, and citizens a variety of benefits. One of the biggest benefits offered by police/Sheriff vehicle tracking is that it provides those in law enforcement the ability to better deploy available units to fight crime more efficiently. This reduces crime, increases arrest rates, and reduces the amount of officer or civilian injuries. Another benefit offered by tracking police officers with GPS is the ability to locate missing or lost police officers or their vehicles in the line of duty.

Many law enforcement agencies that utilize vehicle tracking have been known to reduce costs associated with labor hours, fuel consumption, vehicle maintenance and monitor police vehicles for unnecessary speeding. Tracking police vehicles with AVL/GPS can also help to reduce carbon emissions. In turn, this helps law enforcement agencies within the community promote a healthier, more sustainable environment.

Key Features - Mobile Computing

- Real-time Incident Details – field officers can see all available units as well as all incident details from dispatchers or from other field officers.
- Closest to call dispatching provides quicker response time, saves fuel and officer time.
- Sergeants/administrators in the field can block their unit location from other field units for discrete management.
- Real-time Mapping and Navigation - easy-to-follow visuals help accentuate locations for quicker and more accurate responses
- Map Display - other vehicles can be displayed on the map in real time (e.g. you want to see other vehicles in your fleet responding to the current incident or your supervisor wants to display the vehicles on-duty); field personnel have full control over map panning and zooming
- Text Messaging – Officers can view all units on duty and by simply touching or clicking on displayed units on the MDC map transmit sensitive information or other communications to/from vehicles with text messaging. Also eliminates misunderstood voice communication between units, or units and dispatch.
- Real-time tracking of all vehicle locations, call/activity detail, direction of travel and speed. All displayed on the unit's MDC electronic map.
- Provides collision avoidance alerting to units responding to hot calls.
- Field units can display a map of an area of interest as well as overlaid aerial photos. Great to locate a person or location of interest that does not have a known address/location. Or just to see the location of interest from an aerial perspective.

- Aerial photographs are very useful in determining 911 caller or incident location if only land marks are available to/from the caller.
- Faster response for units that require backup or assistance. Field officers currently only have the last known location of all units on the MDC status monitor. With AVL/GPS, maps and aerial photos units can see the actual location of units and if needed can include the aerial photo of the units location.

SOFTWARE LICENSE ADDENDUM



Integrated Computer Systems, Inc.
 3499 FM 1461
 McKinney, Texas 75071
 (214) 544-0022 Fax: (214) 544-0025

Date: 07/12/2010

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 Collin County Auditors Office
 2300 Bloomsdale Rd.
 McKinney, TX 75071

**S
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P**
 Collin County Justice Center
 Warehouse Receiving Dock
 4300 Community Ave.
 McKinney, Texas 75071
 (972) 424-4797

THIS SOFTWARE SUPPORT ADDENDUM is entered into by and between **Integrated Computer Systems Inc.**, located at **3499 FM 1461, McKinney, Texas 75071**, hereafter referred to as **ICS**; and **Collin County**, with its principal location at **Collin County Courthouse, 2300 Bloomsdale Rd. McKinney, Texas 75071**, hereafter referred to as **LICENSEE or CUSTOMER**.
 A. On **10 / 27 / 93**, ICS and CUSTOMER entered into an agreement entitled "GENERAL TERMS AND CONDITIONS" hereinafter referred to as the Agreement.
 B. Pursuant to the Agreement, incorporated herein by reference for all purposes, and the terms and conditions of this Addendum which are contained on the front and reverse sides of this page, Customer agrees to purchase support for the following items from ICS:

ITEM NUMBER	DESCRIPTION	AUTHORIZED USERS	QTY	UNIT PRICE	DISCOUNT AMOUNT
MDC MAPPING/AVL					
MDCESRIPLOT-C	MDC, Plot current Call for a Unit via ESRI Map Objects(requires ESRI license)	1	26	\$850	\$22,100
MAPOBJ	ESRI MapObjects Windows Runtime License	1	26	\$125	\$3,250
MDCMAPOINTR	MDC, Calculate Route for Units via MapPoint /NavTec (requires NavTec license)	1	26	\$850	\$22,100
MPNAV Data	MapPoint Navigation Map Database (required software for navigation)	1	26	\$575	\$14,950
CAD AERIAL PHOTOS					
CADAERIALMIC	CAD Aerial photos/Pictometry via Microsoft Host Interface	1	1	\$5,000	\$5,000
CADAERIALMIC	CAD Aerial photos/Pictometry Client via Microsoft	1	4	\$1,000	\$4,000
MDCAERIALMIC	MDC Aerial photos/Pictometry Client via Microsoft Bing	1	26	\$1,500	\$39,000
	Installation and Training(Customer will install software on MDC's)		28	\$265	\$7,420
REMINT-STA	Remote Internet Status Monitor (requires an IIS server)	5	6	\$2,500	\$15,000
				SUB-TOTAL	\$132,820.00
				AN SUPPORT	\$26,564.00
TRADE IN					
MUGSHOT-H	Mug shot System Host Capture Station License (requires mug shot hardware)	1	1	\$5,500	\$5,500
MUGSHOT-C	Mugs hot System Client Capture Station License (requires mug shot hardware)	1	1	\$3,500	\$3,500
JAIL-H	Jail Booking Host License	1	1	\$9,500	\$9,500
JAIL-C	Jail Booking, Wristband, Client License	1	1	\$3,500	\$3,500
				SUB TOTAL	\$22,000.00
		CANCELED	24X7	AN SUPPORT	\$34,765.00
SPECIAL TRADE IN OFFER					
ICS will provide the MDC mapping and aerial photos licenses priced above for an annual net maintenance fee of :					\$34,765.00

NOTES:
 (1) All additional ICS services will be provided at ICS current rates . Quote valid for 180 days.
 (2) Software maintenance is for level III support.
 (3) All services quoted will be provided during regular business hours.

TOTAL NET PRICE	
INSTALLATION CHG	Included
DISTRIBUTION CHG	Included
SUB - TOTAL	Included
SALES TAX	N/A
TOTAL	\$0.00
AN MAINTENANCE	\$34,765.00
NET TOTAL	\$0.00

ICS SALES REP.	Tommy Galbraith
INSTALLED BY	TBD

Customer has read and agreed to be bound by ICS' GENERAL TERMS AND CONDITIONS and 9:30 AM

SOFTWARE LICENSE ADDENDUM

this SOFTWARE LICENSE ADDENDUM.

ACCEPTED BY:

CUSTOMER COLLIN COUNTY

SIGNATURE _____

TITLE _____

DATE _____

ACCEPTED BY:

INTEGRATED COMPUTER SYSTEMS, INC.

SIGNATURE _____

TITLE _____

DATE _____