

IACP TECHNOLOGY CLEARINGHOUSE



Law Enforcement Technology Program Survey

Agency Name:: Florida Highway Patrol

Technology Program Name: Mobile Computer Terminals

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Total Sworn : 1800

Total Civilian: 400

Agency Type: State Police

Technology Program Status: Permanent Program

How is data transmitted from the field to the station? Wireless

How is data transmitted from the station to state and data collection authorities? Wireless

Funding Description

Project was funded through a General Revenue Request.

Hardware Manufacturers

Laptops - HP EVO 610, Printers - Pentax Pocket Printer, Air Cards - Sierra Wireless (Edge Technology) (Cingular), MDT Stands - Havis Shields

Software Manufacturers

Software - SmartMCT, SmartRMS, SmartUCM - CTS-America (SmartCop) Pensacola Florida

Program Narrative

Mobile system is installed in 1793 vehicles. System can query the FCIC/NCIC systems as well as local master name indexes. System also interfaces with our motor vehicle records to give title information to troopers as well as Driver License photographs and history. System generates electronic citations and prints them with the in car printer. System also generates electronic crash reports, arrest reports, offense reports, warnings, radar logs, tow sheets and evidence receipts. System also generates Traffic Stop Data Reports based on information from the citations and warnings issued or stops generated by the trooper. System is interface with our SmartCAD system which brings live CAD to the troopers as well as live mapping of the calls. System comes complete with a in-house messaging system and a PDA system the troopers can use as reminders for their schedules. Troopers also have POP3 e-mail and Internet access.

Additional Concerns

Our current system has laptops that are off the shelf, non ruggedized. This has resulted in a high failure rate due to heat, vibration and ambient conditions. We also put port replicators in the vehicles to make a single hook up of the devices easier. However, the USB port on the laptops continually broke due to stress or the officer forcing the plug in the wrong way. This resulted in the replacement of the motherboard each time in the laptop. We are pursuing a docking solution now where all the devices are hardwired and also moving to rugged laptops. We are also moving to Bluetooth technology for the devices to eliminate wiring of the cars, and allow the troopers total mobile use of the system in and outside of the car. We are also moving to a ink-jet printer (HP450btw). Current thermal printers and thermal paper are not accepted

very much in the court system due to the paper turning gray or black, and rolling excessively. Color printers will allow the troopers to do line ups roadside.