

IACP TECHNOLOGY CLEARINGHOUSE



Law Enforcement Technology Program Survey

Agency Name: Knoxville Police Department

Technology Program Name: Mobile Data Systems

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Agency Size: Total Sworn: 406

Agency Type: Municipal Police

Technology Program Status: Department Wide Program

Mobile Hardware Type and Quantity: Laptop: 260

Printer: N/A

How is data transmitted from the Field to the Station? Wireless (RF)

How is data transmitted from the Station to State and Data Collection Authorities?
Paper, but will change to internet later this year.

Funding: Local funds, Law Enforcement Block Grant, and Drug Seizure Funds

Hardware Manufacturers: [Motorola](#) - Modem VRM500, Radio MCS2000; [Panasonic](#) - Port Replicator, Laptop CF25; Pro Copper Concept Seating - Vehicle Mounts

Software Manufacturers: Cerulean Packet Cluster - Communication software, Message Switch Software; Microsoft - Windows NT and Windows 95 Operating System

Important Technology Lessons Learned: N/A

Program Narrative Overview: Knoxville Police Department has installed 260 mobile data systems that are used for but not limited to the following:

- Car-to-car messaging
- Car to dispatcher messaging
- NCIC queries
- E-mail
- Silent dispatch
- Field report (currently incident response reports)
- CAD information retrieval for calls for service management by field supervisors

This system is three site 800 MHz Motorola RD-LAP (19.2) RF Data Infrastructure that utilizes CF25 ruggedized laptops with Cerulean Packet Cluster Patrol communication software and a 125 user Cerulean message switch that interfaces with a Printrak CAD system. Vehicles are also equipped with a voltage protection/timer unit.