

IACP TECHNOLOGY CLEARINGHOUSE

Law Enforcement Technology Program Survey

Agency Name: Newport News Police Department

Technology Program Name: Air Bridge Project/MDT Project

Contact: Mark Calhoon

Address: 2600 Washington Avenue, 9th Floor, Newport News, VA 23607

Primary Telephone: 757-926-8494

Alternate Telephone: N/A

Fax Number: 757-926-8258

E-mail Address: mcalhoon@ci.newport-news.va.us

Home Page Address: www.ci.newport-news.va.us

Agency Size: Total Sworn - 392, Total Civilian - 136

Agency Type: Municipal Police

Technology Program Status: Department Wide Permanent Program

Mobile Hardware Type and Quantity: MDT - 132

Printer: N/A

How is data transmitted from the Field to the Station? Wireless

How is data transmitted from the Station to State and Data Collection Authorities?

Other - TCP/IP Route via connection through regional SMDS Cloud

Funding: Air Bridge Project - Local Funds; MDT Project - COPS More Grant

Hardware Manufacturers: Air Bridge Project: Aironet 340 Series Direct Sequence Ethernet Bridge - [Cisco Systems](#); MDT Project: MW-520 Mobile Workstation - [Motorola](#)

Software Manufacturers: Air Bridge Project: [Cisco Systems](#) - Aironet O/S; Client Soft, Inc. - Client Builder GUI Interface; MDT Project: [Aether Systems/Cerulean](#) - Packet Cluster Patrol; IPS Intergraphs - CADS Interface

Important Technology Lessons Learned:

1. Double your initial project time window.
2. Include "contingency funds" in your project budget.
3. If you do not have a good grasp on technology, partner with someone who does.
4. Do not jump on Leading Edge Technology, use "tried and true" technologies. Do not be a test bed for a technology company.

Program Narrative Overview:

Air Bridge:

We are connecting our headquarters to three precincts and one sub-station via Aironet Wireless Ethernet Bridges. This will allow use to eliminate our ISDN connections and operate at a constant 10 mbs throughput. We have two connections established and are waiting for antennas to be erected at the other two sites.

MDT Project:

We are installing 132 Motorola MW-520 Workstations in our South and Central precincts (as funds become available, we will install in our North precinct). These units will use Cerulean's Packet Cluster Software as the primary interface. ClientSoft's GUI software will serve as the IBM 3270 interface, and we will use Intergraph's Software Interface to link with our CAD system. We will use a private 821 mhz. RR link for operating purposes. Linkage to NCIC/NLETS will be via a regional SMDS Cloud and a TCP/IP connection.