IBM ®

IBM eNetwork Law Enforcement Express for Windows 95 Provides Critical Information to Police Officers within Seconds

Overview

Right in the safety of the patrol car, police can have real-time access to information from state and federal databases, including license plate and registration information, criminal warrants and gun registration.

Used with a portable computer, IBM eNetwork Law Enforcement Express couples public safety applications with wireless network access to allow law officers to quickly and easily collect, edit and store information at the scene of an incident. Local law enforcement agencies can use this solution to immediately share this information with local, state and federal law enforcement personnel, keeping their databases updated with the latest information.

Intended Customers

Small and medium size law enforcement agencies whose workforce needs optimized access to state and federal databases over one or more wireless or dial-up networks.

Key Prerequisites

Access to an IBM eNetwork Wireless Gateway for AIX® that is connected to the state and/or federal databases.

Planned Availability Date

February 27, 1998

At a Glance

IBM's wireless solution for law enforcement extends the reach of police officers in the field. This solution reduces the cost of acquiring technology for the local law enforcement agency and helps improve accuracy and efficiency.

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Description

Increased crime and legal demands have placed a heavy burden on America's public safety agencies. The need to access criminal databases, to carefully document cases, and to communicate across agencies make real-time wireless technology a valuable tool in police work. It can make the street officer's job safer, easier and more productive. The IBM eNetwork Law Enforcement Express now makes it possible for these tools to become standard equipment in patrol vehicles in any community, regardless of size.

The IBM eNetwork Law Enforcement Express will permit any local law enforcement agency to access state and national databases from its own patrol cars, via an eNetwork Wireless Gateway that is administered by a state or regional law enforcement agency. The IBM eNetwork Law Enforcement Communication Client and the IBM eNetwork Law Enforcement Applications Client are available to the local agency for a monthly license charge.

IBM eNetwork Law Enforcement Express is an affordable information solution for law enforcement agencies. It includes public safety applications, coupled with wireless network access. Using portable computers in the patrol car, police officers can obtain license plate registration information, check outstanding criminal warrants, and issue citations.

Administrative messaging enables each officer to send silent peer-to-peer messages to and from patrol cars and headquarters without worrying about eavesdroppers.

eNetwork Law Enforcement Express will assist the patrol officer with the collection, editing and storing of data from an accident or incident scene. Complete and accurate information is captured at the first point of contact between an officer and the public. This application eliminates duplicative data entry efforts and increases the completeness, accuracy, and timeliness of the accident data.

Using the IBM eNetwork Law Enforcement Express field reporting system, information is collected and disseminated faster, less expensively, and more completely than ever before — saving the officer and administrative personnel hours of paperwork, improving productivity, job satisfaction, and service delivery.

The IBM eNetwork Law Enforcement Express is an open, standards-based wireless system that provides police officers in the field with direct access to critical information within seconds, reducing risk in potentially dangerous situations. Instead of relying on two-way radio calls to busy dispatchers for limited information, officers can tap directly into a wireless computer network from laptop computers in their cruisers. The open architecture design allows these products to be used in a wide variety of public and private wireless networks, facilitating expandability and agency interoperability.

eNetwork Law Enforcement Express can be run with data networks such as AMPS, CDPD, ARDIS, RAM Mobile Data, Motorola RD-LAP, DataRadio, PCS 1900, PSTN, or GSM. Integration with other software applications, such as computer-aided dispatch, records management and automatic vehicle location is easily supported. The current pricing reflects coverage for CDPD and RAM only.

The unique middleware used by these law enforcement applications is part of IBM's new eNetwork family of communications products, and uses TCP/IP client/server structure. This gives mobile users the power to access multiple volumes of data in different locations with a single command, and to quickly deliver concise, useful information to any field location. eNetwork Law Enforcement Express can also be used to distribute daily electronic crime bulletins to all patrol units, and broadcast images such as mug shots and fingerprints.

Many public safety agencies continue to support mission-critical applications that are host-based 3270 or AS/400® 5250 protocols. While these applications were designed for high-speed, inexpensive wired connections, there is an ever-growing need for access by mobile workers. The eNetwork Law Enforcement Express solution includes emulation applications that are specifically designed to extend the reach of these applications to the patrol force.

eNetwork Law Enforcement Express provides Telnet 3270 and Telnet 5250 emulation, and includes the IBM eNetwork Personal Communications entry level emulator. These products provide two emulator sessions, keyboard remapping, color mapping, full font set, screen sizes Mod 2-5, and command line file transfer for 3270.

The eNetwork Law Enforcement Express clients are now available for a monthly license charge to agencies located in states or regions where an IBM eNetwork Wireless Gateway is installed.

Year 2000

These products are Year 2000 ready. When used in accordance with its associated documentation, it is capable of correctly processing, providing, and/or receiving date data within and between the 20th and 21st centuries, provided all other products (for example, software, hardware, and firmware) used with the product properly exchange accurate date data with it.

These IBM eNetwork Law Enforcement Express client packages are complementary to the IBM eNetwork Wireless Gateway product. This gateway controls incoming and outgoing data traffic between the mobile computer in the police vehicle and the state data communications network. When an officer sends a traffic stop inquiry, it is transmitted from the patrol vehicle to a radio tower, then over landlines to the gateway. The gateway sends the inquiry to the state vehicle and criminal databases, where similar information is collected from across the United States and from the National Crime Information Center. The eNetwork Wireless Gateway assembles all the responses and sends them back to the patrol vehicle. In addition, the gateway — working with the eNetwork Law Enforcement Communication Client — manages access to data security and data compression.

The gateway can interface with different types of wireless data packet and cellular networks simultaneously. This means the statewide system is not limited to one specific network and that the local agency can choose whichever wireless network is most cost-effective.

Trademarks

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Technical Information

Specified Operating Environment

Hardware Requirements

- Minimum 486 microprocessor with 16 MB RAM

- Recommended Pentium® microprocessor with 24 MB RAM

- Modem that supports the network

Software Requirements: Windows® 95

In addition, keyboard remapping under the IBM eNetwork Personal Communications requires a license of the IBM Personal Communications AS/400® and 3270 V4.1 for Windows 95 product in order to create the remap file.

Performance Considerations: The performance of the IBM eNetwork Law Enforcement Express products can be affected by many different variables, some of which can be tuned with program parameters and some of which are external to eNetwork Law Enforcement Express, for example:

- Wireless network characteristics
- Number of concurrent users and sessions
- Types of applications

Planning Information

Packaging: The eNetwork Law Enforcement Client products will be installed on the customer's mobile computer by an IBM designated fulfillment center.

No media or packages will be sent to the customer.

Security, Auditability, and Control

The announced eNetwork Law Enforcement Communication Client for Windows 95 and the eNetwork Law Enforcement Applications Client for Windows 95 use the security and auditability features of the selected mobile computer.

The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

Ordering Information

New Licensees

Orders for new licenses will be accepted now.

Shipment will begin on the planned availability date.

New users of eNetwork Law Enforcement Communication Client for Windows 95 should specify 5639-D99.

New users of eNetwork Law Enforcement Applications Client for Windows 95 should specify 5639-D97.

Basic License: To order a basic license for eNetwork Law Enforcement Communication Client for Windows 95, specify the program number and feature code 9001 for asset registration. Specify feature number 4507 for a monthly license charge.

To order a basic license for eNetwork Law Enforcement Applications Client for Windows 95, specify the program number and feature code 9001 for asset registration. Specify feature number 4508 for a monthly license charge.

Basic machine-readable material for these products are not distributed directly to the customer. The eNetwork Law Enforcement Express software will be installed, configured and tested on the customer's mobile computers by an IBM authorized fulfillment center.

Upon receipt of the order, IBM Software Manufacturing Solutions (SMS) will fax the order to the IBM authorized fulfillment center.

Basic Machine-Readable Material: No Basic Machine-Readable Material is shipped to the customer.

Unlicensed Documentation: No publications are shipped with the announced product.

Terms and Conditions

Agreement: IBM Customer Agreement

Designated Machine: Not required

Variable Charges Apply: No

Location License Applies: No

Use Limitation Applies: No

Educational Allowance Available: Yes, to qualified education customers.

Volume Orders: Not applicable

Version-To-Version Upgrade Credits Apply: No

Warranty Applies: Yes

Licensed Program Materials Availability

- Restricted Materials of IBM: None
- Non-Restricted Source Materials: None
- Object Code Only (OCO): All

Testing Period: None

This announcement is provided for your information only. For additional information, contact your IBM representative, call 800-IBM-4YOU, or visit the IBM home page at: http://www.ibm.com.

Program Services: Available until June 30, 2000

Support Line

- Personal Systems
- AIX®

Charges

Program Number	Monthly License Charge
5639-D99	$205
5639-D97	45

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