

BIO-key Mobile Data Solutions

Wireless applications that provide data access to law enforcement personnel in the field.

Police departments have long since integrated mobile data access into their day-to-day operations. Police cars are now equipped with notebooks that officers can use to look up motor vehicle records, outstanding warrant information, and more, right on the spot, helping them to do their jobs better. Many departments have outgrown their mobile networks, creating situations where more users need access than the department's network can support. Legacy radio-based systems have limited bandwidth, which doesn't allow departments and officers to transfer report data and images. In addition, most metropolitan departments have added police officers who patrol on bicycles, which would make carrying and using a notebook an unworkable solution.

BIO-key® mobile data solutions provide law enforcement personnel with access to business-critical data and information, keeping them connected wherever they are. These solutions scale to meet the needs of the department, allowing multiple simultaneous users wireless access to information when and where its needed, either through notebooks or smartphones.

BIO-key mobile data solutions.

BIO-key mobile data solutions offer access to dispatch capabilities, broadcast messaging, direct messaging, data capture and retrieval, and criminal justice queries. BIO-key mobile data solutions consist of MobileCop,® a wireless query and messaging application; and PocketCop,® a fully integrated, mobile data system for smartphones.

BIO-key MobileCop.

BIO-key's MobileCop mobile data solution, which operates on a vehicle-mounted computer, provides encrypted, secure, fast access to key law enforcement databases and information, including warrant searches, vehicle checks, driver's license information, and other data sources. MobileCop enables law enforcement personnel to quickly and easily access information when it's needed, without waiting on dispatcher involvement or verbal response, helping increase productivity and improving officer safety.

MobileCop features:

- + Retrieval of motor vehicle, warrant, and criminal history through comprehensive NCIC/state and local law enforcement/motor vehicle query capabilities.
- + Powerful mobile integration capabilities.
- + Intuitive user interface.
- + Operates on most public and private radio networks.
- + Silent, secure messaging.
- + Tightly integrates with CAD and/or RMS systems.

THE NETWORK MATTERS.

That's why BIO-key has chosen to make its services available on America's largest and most reliable 3G network: Verizon Wireless.

CASE STUDY: WASHINGTON COUNTY, MN, SHERIFF'S DEPARTMENT

Modernizing data systems and increasing productivity through solutions from BIO-key and Verizon Wireless.

The challenge:

- + Outdated, radio-based system limited the number of concurrent users and types of data requested and received.
- + System didn't meet new federal and state requirements for the encryption and security of data being sent.

The solution:

- + Upgrade the system using BIO-key MobileCop and Verizon Wireless Mobile Broadband EV-DO network.



BIO-key PocketCop.

PocketCop brings secure, mobile law enforcement communications technology to most smartphones. PocketCop provides fast access to federal, state, and local law enforcement databases, enabling law enforcement personnel to get the information they need in a timely manner.

PocketCop features:

- + Works with most smartphones.
- + Fully integrated query capability, with secure wireless access to federal, state, and local databases—no dispatcher required.
- + Silent, secure communications, including messaging between users and with dispatch personnel. Announcements and emails are delivered immediately, ensuring critical information is received when needed.
- + Interoperability with MobileCop.
- + 128-bit AES encryption of communications and included support for two-factor authentication for user access.
- + Meets all FBI CJIS requirements, including FIPS 140-2 compliance.

BIO-key mobility solutions benefits:

- Increase law enforcement personnel safety.
- Improve personnel productivity.
- Provide reliable, secure, and confidential communications.
- Enable regional data sharing through shared servers and databases.
- Allow reports to be completed on site, enabling personnel to stay on the street longer.

BIO-key mobility solutions work with standard mobile operating systems and most smartphones.

Technical specifications	
Operating systems	+ Windows® 2000, Windows XP, or Windows Vista® operating systems + RIM® OS 4.1 (for PocketCop)
Server requirements (PocketCop)	+ BIO-key's mobile communications server platform, InfoServer™, connected to a public wireless network (version 5.0 or later)
Devices	+ Windows Mobile® smartphones: <ul style="list-style-type: none">• Verizon xV6700 + Any other Windows Mobile 5.0-compatible device + BlackBerry® devices: <ul style="list-style-type: none">• BlackBerry 88xx series• BlackBerry 87xx series• BlackBerry 72xx series• BlackBerry 71xx• Any other BlackBerry device running RIM OS 4.1 or 4.2

The results:

- + Law enforcement personnel have convenient access to the integrated CAD and RMS systems.
- + CAD dispatches are sent securely and silently to personnel, and personnel have the ability to interact directly with dispatchers as needed.
- + Incident reports and citations can be completed on site, which increases productivity and officer visibility in the field.
- + System supports cross-jurisdictional sharing of information and data.
- + Cost-effective way to provide mobile data services to smaller law enforcement agencies in the area.

“For officers on the street, the car is the office. We wanted to give them as much functionality as they’d have in the office—with the same network responsiveness and reliability.”

—SERGEANT JOHN ISRAEL
WASHINGTON COUNTY
SHERIFF'S DEPARTMENT



Why choose Verizon Wireless?

Wireless solutions for all types of businesses.

With business-level support and services, Verizon Wireless supports all types of businesses, both here at home and abroad. Our account executives have in-depth experience across a wide range of industries and understand how wireless solutions can enhance the processes and performance of their customers' businesses.

But having the most reliable wireless broadband network is only part of the story. That's why Verizon Wireless teams up with leading solution providers across all industries, trades, and professions to deliver a complete wireless solution that meets customers' needs.

Benefits of choosing Verizon Wireless solutions.

Choosing Verizon Wireless as a wireless solutions provider offers:

- + **Pre-sales consulting**—Consultants are available during the decision-making process to analyze wireless network needs and design a solution that best suits business requirements.
- + **Global calling and data plans**—As customers start doing business globally, they can stay connected to the same wireless services they enjoy here in the United States. Verizon Wireless has a number of global calling plans, data plans, and devices for customers who travel worldwide. They can make calls, read and send emails, browse the Internet, and access business-critical applications from mobile devices just as they would through their domestic service. For a complete list of data destinations, global device support, and network providers, please visit verizonwireless.com/vzglobal.
- + **Business procurement and billing plans**—To aid in accounting and reconciliation functions, Verizon Wireless offers customizable business procurement and billing plan options that are scalable and flexible. Customers can see at a glance how their system is deployed and what it costs, enabling improved wireless services management.
- + **Access to America's largest and most reliable 3G network**—Businesses that select Verizon Wireless as a wireless service provider receive a host of benefits that help enable success:
 - Dedicated customer service experts with a range of business expertise
 - Discounts that increase as a customer's business grows
 - Responsive, expert technical support
 - Easy online account management with My Business Account
- + **Unlimited National Mobile to Mobile Calling with other Verizon Wireless customers.**
- + **Business-oriented support services**—In addition to our prepackaged solutions, Verizon Wireless has the ability and expertise to design unique voice and data solutions to meet specific business needs. Our account executives and consultants can work directly with customers to design a wireless solution to a business' exact specifications.

CHOOSE THE **BEST** NETWORK.

The service is one part of the equation for helping your business. A widely available, stable wireless network is the other. That's why it makes sense to choose America's largest and most reliable 3G network: Verizon Wireless.

Of course, it also helps that you get:

- + Simple online account management.
- + Secure data transmission.
- + World-class technical support.
- + Highly responsive customer support.
- + Discounts that increase as your business grows.