



ROADS

The Remote Office and Dispatch System (ROADS™) uses cutting-edge wireless technology to connect mobile computers in police cars with computer-aided dispatch and records management systems

ROADS promotes automated, confidential and efficient police work. It enables officers to complete a wide variety of queries and reports from the field, and reduce time spent in the office. Using the ROADS onboard computer, officers can update their status, send and receive messages, and monitor activity—significantly reducing voice radio traffic while improving officer efficiency and safety. ROADS employs the latest computing and communications technologies to ensure that today's law-enforcement needs are met, and that the system can grow to meet future requirements.

Features

- ▶ User interface designed for demanding police car environment
- ▶ Access to CPIC / MVB and other external systems
- ▶ Silent dispatch and unit updates
- ▶ Report filing from the car
- ▶ One-time data entry
- ▶ Monitoring capability
- ▶ Web-browser technology

Benefits

- ▶ User-friendly
- ▶ Less radio traffic
- ▶ Interception from radio scanners
- ▶ More time on the road, less time in the office
- ▶ Maintains officer visibility in the community
- ▶ Avoids duplication and reduces the risk of error
- ▶ Shortens response time, and promotes officer safety

Digital Dispatch

The dispatcher sends an electronic incident report directly to the police unit. Information is easy to read and remains in front of the officer while driving to the scene. Moreover the dispatch is silent, increasing the possibility of catching criminals in the act.

External Database Access

ROADS accesses the Canadian Police Information Centre (CPIC) and various records management systems (RMS). It also interfaces with other external databases allowing police officers to perform all queries from the road without over-taxing busy communications staff.

Unit Status

ROADS promotes officer safety. A unit can update its status and location in the CAD system at any time. This information is communicated to the dispatcher and can be monitored by other ROADS devices. Police scanners can no longer monitor verbal updates, and voice traffic is dramatically reduced. In addition, an emergency button alerts the dispatcher immediately, if assistance is required.

File-Handling

The ROADS user can manage a dispatch from start to finish: view, add or modify information; index subjects, businesses, vehicles and property; attach queries; and complete reports. Incident information remains in a paperless form and can be downloaded to the site's records management system without being re-entered.

Integrated Messaging

ROADS users can send electronic messages to other units or CAD workstations. Message groups can be created to include, for example all units in a particular zone, task force.

Why ROADS?

- ▶ Helps responders stay on the road and out of the office.
- ▶ Reduces voice-radio traffic and keeps criminals out of the loop.
- ▶ Enables secure access—several methods of authentication and encryption available.
- ▶ Decreases dispatch workload and officer wait times.
- ▶ Fully integrated with **xwaveCAD**.
- ▶ Readily interfaced to other CAD systems.
- ▶ Deployable as a standalone solution.

On-Board Mapping

The ROADS application uses digital mapping to allow the user to view the location of other units and incidents.

The map is fully integrated with a Global Positioning System (GPS) receiver providing the location of the unit automatically to the CAD dispatchers. The map can also be used to search for specific addresses.

ROADS Mobile Field Reporting

The Mobile Field Reporting module enables the electronic reporting required by police agencies. Field reports are customizable per agency and/or region. Commercial off-the-shelf components are used to provide flexibility in design, and permit the incorporation of web-browser technology. Web pages, contained within the vehicle, can be modified to include new reports.

▶ High-Quality Hardcopy Reports

This standard feature allows any electronic version of a form to be printed, with or without data. Through this on-demand printing an inventory of blank forms is no longer required. Highly readable (laser quality) reports are available any time, from any location.

▶ One-Time Data Entry

Information entered in one report can be transferred easily to another without re-entry. Subject details, for example—name, date of birth, description, etc—can be auto-filled into any related form as required.

Support of External Agencies

ROADS can support numerous external agencies, including Crown Counsel and the courts. For agencies adopting the same data standard as ROADS, report information can be transferred electronically as an industry-standard data stream. For agencies with their own data standards, functionality can be added enabling the conversion of ROADS data to the required format.

ROADS in the Office

The ROADS application can also be used on any personal computer in the office. All functionality performed by the officer in the car (access to CPIC, RMS, dispatches, field reports and messaging) is also available to the LAN-based PC user.

The ROADS Platform

ROADS operates on Microsoft® Windows® XP. It embeds the latest web technologies including HTML, XML and XSL. The ROADS application integrates seamlessly with Windows to take advantage of any Windows-based third-party application. ROADS also complies with any number of popular wireless data networks.

Full System Integration

ROADS is fully integrated with **xwave's** own CAD system, thereby providing a complete end-to-end solution. The system is designed to be readily integrated with any other dispatching and/or RMS system.

About xwave

xwave is a Division of Bell Aliant (TSX BA.UN), one of North America's largest regional communications providers. Bell Aliant's 10,000 people serve customers throughout six Canadian provinces with innovative information and communication services including telephony, wireless, Internet, data, video and value-added business solutions. **xwave's** 1500 people work in offices across North America delivering end-to-end information & communication technology (ICT) solutions in key sectors such as justice & public safety, defense, security & aerospace, healthcare, government and telecom.

xwave's Justice & Public Safety practice provides products for corrections, police, fire and EMS agencies. Our solutions help improve client's operating efficiency and productivity while reducing costs, and ultimately improving public safety.

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