

## ON THE MOVE

With the City of Aurora, Colorado

**“Aurora’s growing fast. Our fire and police network needed to grow with it.”**

*Michael Bedwell, Manager of Public Safety Systems, Aurora, CO*

**“When CDPD went away NetMotion Wireless handled all our concerns. In the new world of data connectivity we could move to new technologies because NetMotion can support them.”**

*Bedwell:* Aurora’s population will grow by 200,000 in the next 30 years. Our department serves 300 fire officers and some 600 police officers with wireless communications in over 300 vehicles. They have to cover 145 or more square miles. Earlier we had a CDPD-dedicated frame network. When CDPD was dropped we

had to go to a GPRS or CDMA Internet-based solution. Sending sensitive data via the Internet was a major concern. We needed encryption, security, session persistence, and effortless roaming between different network environments—Wi-Fi and a T-Mobile cellular-based GPRS system. We asked Anyware Networks, a leading vendor, about NetMotion.

### MEET THE MOVERS

With nearly 300,000 residents and growing fast, the City of Aurora is the third largest city in Colorado. Aurora is nationally recognized for good government, particularly in the areas of community policing and parks. But with rapid growth on the horizon,

“good” was not good enough for the city’s information technology team.

Planning for burgeoning growth and the elimination of CDPD, Aurora IT experts worked to set up a new mobile data communications network that could be used by police and fire vehicles. They chose to provide Wi-Fi (802.11) access at the one place the entire mobile fleet would go—refueling stations.

Aurora’s IT staff knew that wireless could present unique communication challenges and wanted to find a way to provide mobile users with greater reliability and security.

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Aurora’s many mobile users also include hazmat officers that need access to specialized Federal hazardous materials databases. In order to avoid network overloads, permissions have to be established to better monitor and manage mobile data traffic.

Mobility’s Policy Management Module provided the ability to control access to sensitive information based on the user, mobile device or even the network being used.

Aurora now enhances Cisco access points with WEP and with the added security of Mobility’s Roamable VPN, creating multi-level protection. Functioning like a firewall on the system’s computers, Mobility also provided the effortless connectivity, dynamic IP address solution, network management, and encryption that Aurora needed.

**“Choosing NetMotion Mobility was simple. It’s a premier public safety solution that adds efficiency to public safety departments.”**

*Todd Leven, Wireless Network Consultant*

*Anyware Network Solutions, Englewood, CO*

*Leven:* We’re a value-added integrator focusing solely on wireless networks. We always recommend NetMotion Mobility for mobile data applications. Mobility has a great reputation in public safety. It’s easy to implement and it works. NetMotion is very knowledgeable and has worked closely with the Aurora team.

**“Look at the numbers. With our former dispatch system it took an average of 4.7 minutes to respond to a vehicle query. With our new system it takes less than 12 seconds. That’s what improving public safety is all about.”**

*Bedwell:* Our patrol officers not only get faster switching between our wide area network and Wi-Fi, Mobility works across all our networks, hardware, and applications. We can use multiple vendors for better fiscal management and aren’t tied to one vendor. Mobility handled all our concerns. It gives us dynamic versus static IP addresses and handles them effortlessly. This is a big deal. We had numerous issues—encryption, VPN, locking out certain addresses. In a single package Mobility solved all those issues.



**NetMotion Mobility:** *New speed. New security. New efficiency.*