

PASSED

IN THE BOARD OF COUNTY COMMISSIONERS OF LANE COUNTY, OREGON

ORDER NO. 03-6-4-11 IN THE MATTER OF APPROVING APPLICATION AND ACCEPTANCE OF A \$745,125 GRANT FROM THE 2003 TECHNOLOGY GRANT PROGRAM OF THE U.S. DEPARTMENT OF JUSTICE OFFICE OF COMMUNITY ORIENTED POLICING SERVICES (COPS).

WHEREAS, the Area Information Records Systems (AIRS) is in the process of converting to newer technology and procuring a Public Safety Integrated Suite of Applications to complete its Criminal Justice Data System; and

WHEREAS, in response to a United Front request for funding to support the AIRS Conversion, the U.S. Department of Justice Office of Community Oriented Policing Services (COPS) has earmarked \$745,125 to the AIRS System in their COPS Technology Grant Program; and

WHEREAS, the AIRS Consortium would use the grant proceeds to partially fund the Public Safety Integrated Suite of Applications, now, therefore, it is hereby:

ORDERED that grant application and acceptance is approved for the earmarked COPS Technology Grant from the U.S. Department of Justice, Office of Community Oriented Policing Services, for the AIRS Public Safety Integrated Suite of Applications in an amount not to exceed \$745,125, on the condition that Lane County Legal Counsel approve any conditions by the U.S. Department of Justice required for acceptance of the grant; and it is further

ORDERED that the County Administrator is hereby delegated authority to execute all grant documents.

DATED this 4TH day of June, 2003



PETER SORENSON, Chair
Board of County Commissioners

APPROVED AS TO FORM

Date 6/3/03 Lane County
J. Aidman
OFFICE OF LEGAL COUNSEL

United Front Funding Request

Request: Lane County E-AIRS to Fortify Homeland Defense

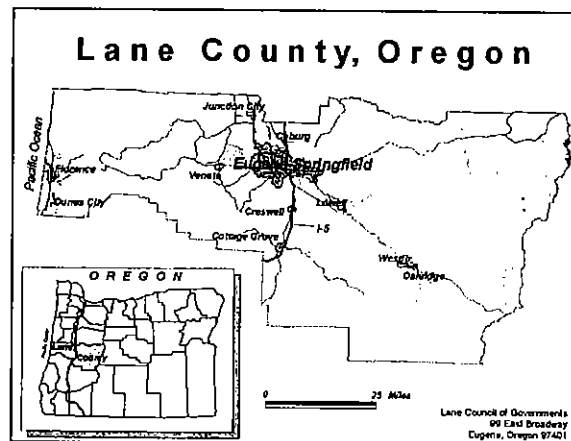
The largest metropolitan area on the West Coast between Portland and San Francisco requests \$ 9 million to develop, procure, install and deploy a state-of-the-art, integrated technology platform to align its first-responder capabilities with the mission of homeland defense during the next 18-24 months. Specifically, Lane County and the Cities of Springfield and Eugene need federal support to convert current technology -- the 36-year-old Area Information Records System (AIRS) -- into Enhanced AIRS (E-AIRS), a vital law enforcement, criminal justice, and emergency service enterprise. E-AIRS is essential for the regional first-responders infrastructure of thirteen law enforcement agencies, thirteen ambulance services, seventy-three fire protection agencies, eight local courts and six 9-1-1 Public Safety Answering Points to form an effective first-line of defense against domestic and foreign terrorism threats, in addition to providing other public safety functions in an effective and sophisticated manner. Components of this technology platform include:

- Computer-aided dispatch/911 for more than 530 personnel in the field;
- Common information system access for dispatchers, field personnel, prosecutors, judges, corrections officials, local court personnel and parole/probation officers
- Hardware/software to consolidate, digitize, and deploy more than 3,583,000 common investigative, background, adjudication, and correction lodgings records
- Wireless communication and computing facilities for all field personnel
- Common geographical information system access for location information for all practitioners.
(Enabling pinpoint responses to remote, rural locations that defy conventional addressing methods)

The E-AIRS project will be coming on-line simultaneous to the realignment of jurisdictional protocols, training, deployment patterns, and inter-jurisdictional cooperation and coordination procedures. These changes are designed to focus and improve the ability of first responders to handle domestic terror and homeland defense scenarios. The technological capabilities represented by E-AIRS will ensure that the retooling of the region's first responder capability is more accurate, timely and synchronized than ever before.

Problem

Lane County, Oregon has a population of 313,000 in a geographic area of 4,610 square miles – roughly the size of Connecticut. Stretching from the summit of the Cascade Mountains to the Pacific Ocean, Lane County is a critical element of the western flank of the United States. More than half our residents live in the county's two largest cities, Eugene and Springfield. The rest live in the other 11 incorporated cities and unincorporated areas scattered along river valleys, many of them isolated in areas with limited services. Interstate 5 bisects the valley, serving as the boundary between Eugene and Springfield. I-5 is the only north-south interstate on the West Coast and is the major drug and migration



route, connecting Mexico, the US, and Canada.

Eugene-Springfield is the second largest metropolitan area in Oregon and the 3rd largest metropolitan area between San Francisco and Seattle, WA. Each year more than 25 million cars, trucks, and assorted vehicles bisect the region while traveling the I-5 corridor. More than 9,000 flights a month originate and terminate at the regional airport. More than 107,000 passengers travel to or through the metro area annually on regional trains, which traverse the county at least six times a day. In addition, an average of 140 (with in-season peaks as high as 700) maritime vessels - including many ocean-going ships - enter the county's Pacific Coast port each week, exposing the region to higher risk of terrorism.

The AIRS region served has thirteen law enforcement agencies, thirteen ambulance agencies, seventy-three fire protection agencies, six 9-1-1 Public Safety Answering Points, and eight local courts providing services within its borders. E-AIRS will be an automated, integrated information system enterprise, which is based on data sharing among these agencies. It will be managed through formal agreement that spans local corrections, justice, law enforcement, fire, and emergency medical service agencies. Begun in 1966, the AIRS system runs software more than twenty years old. Without a change to new technology, the system will cease to support the level of public safety services appropriate to a major west-coast population center that straddles the I-5 corridor.

Solution

In 2000, Lane County and the cities of Springfield and Eugene took the lead in leveraging resources to upgrade this vital system. AIRS now supports law enforcement/records management (LE RMS), computer-aided dispatch/9-1-1 (CAD), local courts, and corrections. AIRS is also the gateway to state and national systems such as the Department of Corrections (DOC) system, Oregon Judicial Information Network (OJIN), Law Enforcement Data System (LEDS), and National Crime Information Center (NCIC). E-AIRS will add remote Field Reporting and Fire/EMS records management.

Like much of the country, we took a fresh look at what we were doing and how we were planning to do it after September 11, 2001. The dynamics of that extraordinary event created a heightened sense of urgency to acquire and deploy the kind of sophisticated technology necessary to track, identify, and analyze subjects of interest. Homeland security and defense truly begins at home, in local communities; particularly when one of those communities is on the western ocean border of our great country. Our borders must be strong. The ability to effectively share critical information using today's technological tools could make the difference in providing rapid, effective protection and response.

After 9/11, we changed the AIRS conversion strategy from a phased system-by-system approach to one that will procure a fully integrated suite of systems. This will ensure comprehensive data sharing immediately upon implementation and will accelerate our overall schedule by several months. Tools to improve our ability to clearly identify individuals, such as biometric technologies, are impossible with the old technology of the current platform. Enhancing wireless capabilities, supporting Fire and EMS partners, and field preparation of electronic police reports have become high priority requirements. We are committed to sharing digital and intelligence information real-time, not only with local agencies but with state and federal agencies.

When complete, the E-AIRS conversion will provide the following:

- Data integration across all agencies to provide the coordination of information needed for effective first response and service delivery.
- Real-time data propagation across all system components of the AIRS enterprise to build comprehensive and consistent information for managing subjects and events.

- Enhanced data collection including electronic police reports and Fire/EMS incident information.
- Real-time access to complete and thorough data for response, identification, and case management. Such access will be available in the field from mobile computing facilities.
- An AIRS enterprise of replacement systems built on platforms that are technologically ready to employ the use of biometric and other enhanced identification tools.
- Collaborative service delivery among enforcement, justice & first response agencies, and practitioners.
- The ability to share data or trigger notifications to state and federal information systems.
- Improved management information capabilities for program or response evaluation.
- More robust reporting facilities.

Work completed on a replacement jail management system and an RFP for an integrated suite of the remaining AIRS systems will become the first building blocks in creating the new E-AIRS enterprise.

Next Steps

The total cost of the conversion project is estimated at \$11M, with \$9M remaining to be raised. The change in strategy with its accelerated schedule will require an accelerated funding commitment. The partnership is prepared to explore and support any opportunity for federal participation, and it is also prepared to use matching funds for this project.

Justification and History of the AIRS Conversion Project

In 1993, a Strategic Plan was adopted, the focus of which was to accomplish a complete transition of the AIRS integrated enterprise to client-server technology. The transition is mainly needed because AIRS technology is obsolete, for reasons including:

- Support personnel with knowledge of or desire to use AIRS mainframe technology are nearly non-existent;
- System modifications, even those that are mandated or relatively minor, cannot easily or practically be made;
- New business enhancements are not possible, requiring user agencies to process large volumes of information manually to complete service delivery, i.e. crime prevention programs, community policing, inmate tracking, etc.;
- Data analysis for program planning and management information is unreasonably difficult to acquire due to severely limited report-writing functionality; and
- Electronic data sharing among public safety partners and with the public is restricted due to the technology used.

The major AIRS modules to be converted are, Computer Aided Dispatch, Mobile Computing, Jail, Law Enforcement, and Courts. A new component needed by the partner agencies is Field Reporting.

AIRS – A Brief History

1966	LC Sheriff's Office begins converting manual police files to automated formats. Lane County together with Eugene, Springfield, Florence and Cottage Grove apply for, and receive, a grant from the Law Enforcement Assistance Administration.
1967	Representatives from area police agencies form AIRS
1967 – 1972	AIRS Law Enforcement system developed and implemented
1993	AIRS Strategic Plan Adopted Major Recommendation: Transition to purchased client/server systems
1994 – 2000	Business Analysis done for each AIRS Component Consultant re-affirmed strategy to convert the AIRS system to purchased systems Mainframe AIRS made Y2K Compliant Funding Solidified for AIRS Conversion to purchased systems on open technology
2000	Executive Steering Committee Formed to Oversee AIRS Conversion Conversion Budget Approved Standing Committees and Project Organization Aggressive Timeline for AIRS Conversion Project

- July 2000 Intergovernmental Agreement written
- October 2000 Intergovernmental Agreement, Attachment 4, approved by:
 Lane County Board of Commissioners
 Eugene City Council
 Springfield City Council
 Lane County issues Certificate of Participation bonds for their portion of the
 project eligible for financing, \$1,631,382 (finance portion of the bonds)
 Jail and CAD-Mobile-Field/Reporting Projects begin
- August 2001 Jail Management System contract executed with Printrak, a Motorola company
- August 2002 Jail Management System implemented in Lane County
- June 2002 RFP issued for Integrated Suite of Public Safety Applications to include integration
 of the Offendertrak Jail Management system
- March 2003 Motorola/Printrak chosen as winning vendor and contract negotiations commence.
- June 2003 Anticipated award of contract to Motorola/Printrak.