

FIRE INFORMATION SYSTEMS

The current Fire Information System (FIS) applications were custom-built over a period of time by Portland Fire and Rescue (PF&R) to meet their information management needs. However, Microsoft support for the FIS development environment has expired. Without this support, new and advanced features will be more difficult, if not impossible, to implement, and interfaces with upgraded software will be more difficult to maintain.

The purpose of this project is to port the FIS to a modern and supported development platform. Additionally, this project intends to implement enhancements that are inherent in the new .NET architecture and establish the future ability to develop mobile capabilities.

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ADDITIONAL PROJECTS

— Zetron Fire Station Alerting System (FSAS) - Phase 2

This phase of the Zetron FSAS project is designed to move voice dispatch communication off of costly telephone lines, and provide the same level of communication functionality via the City's Radio System.

— Incident Connect Subproject

The Incident Connect subproject is tasked with providing three additional interfaces to the City's Computer Aided Dispatch (CAD) System:

WebEOC Interface - This interface will provide pertinent CAD data automatically and instantaneously to the Portland Bureau of Emergency Management's WebEOC utility.

Media Feed and ODI Interfaces - These interfaces are designed to alert media outlets and the public of emergency situations occurring in the greater Portland area.

COMPLETED

— Computer Aided Dispatch (CAD)

The CAD project, completed in April of 2010, was a multi-year 12 million dollar undertaking to replace the City of Portland's aging CAD system. The primary CAD system was implemented on time and under budget.

— Zetron Fire Station Alerting System (FSAS) - Phase 1

This project replaced the aging Fire Station Alerting Systems at Portland's 31 stations, Gresham's 6 stations, and the Port of Portland's Station. This project completed within budget.

— WebEOC

In 2008 PSSRP completed the implementation of WebEOC, a product used by Emergency Management organizations to track and respond to developing emergency situations. This project was completed on time and under budget.



Public Safety Systems Revitalization Program

Office of Management and Finance

City of Portland



www.portlandonline.com/pssrp



The Public Safety Systems Revitalization Program (PSSRP) is a multi-year, coordinated effort among regional partners. The program is necessary to replace or upgrade aging public safety technology systems in order to sustain vital emergency response services for the citizens of Portland. The key driving factors for the program are: (1) the inability to receive ongoing maintenance from current public safety systems vendors; (2) the retirement of key system support staff; and (3) the difficulty of maintaining interoperability with existing systems.

The PSSRP currently has three primary projects:

- 01 Public Safety Radio System Replacement
- 02 Regional Justice Information Network (RegJIN)
- 03 Fire Information Systems (FIS)

Additionally, PSSRP has a number of secondary and completed projects in its portfolio including:

- Computer Aided Dispatch (CAD)
- Fire Station Alerting System (FSAS)
- Incident Connect
- Web Emergency Operations Center (WebEOC)

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RADIO

01 Communications

Public Safety Radio Replacement Project

The City of Portland's existing public safety emergency radio system is largely comprised of obsolete analog technology from the early 1990's, with the resources to repair or replace system components becoming rare or non-existent. The radio system has deficiencies that, if not addressed, will result in continued degradation of service and more frequent communication failures. Many of the existing radio system's infrastructure components do not meet modern digital communications standards now in use around the country. The City's existing radio system remains functional, but prolonged reliance on antiquated technology will increase the likelihood of critical system failures.

With that background in mind, the City has undertaken the Public Safety Radio Replacement project. The radio replacement project, including a stabilization phase, is funded in-part by General Obligation (GO) Bond proceeds (\$38.94 million) which Portland voters approved in November 2010.

System replacements are expected to be completed and fully operational by the Summer of 2015.

For more information, please contact Karl Larson (karl.larson@portlandoregon.gov) or Mark Tanner (mark.tanner@portlandoregon.gov)



RegJIN

02 Police

Regional Justice Information Network

The purpose of the Regional Justice Information Network (RegJIN) Records Management System (RMS) project is to replace the existing Portland Police Data System (PPDS), along with increasing the integration between its various components and enhancing its core capabilities.

The new RegJIN RMS will continue to be regional in scope, and track, and will display and share crime related information with potentially over 40 law enforcement agencies that operate within the Portland metropolitan area. The new RMS will enable data sharing within and between the various regional law enforcement agencies, expanding the repository of critical crime data while ensuring data confidentiality in a secure, highly available environment.

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