

Central Oregon Interagency Integrated Radio Pilot Project

Sponsored by
Interagency Interoperability Oversight Group
(IIOG)



IIOG Purpose

Promotes and enables interoperability between
USDA Forest Service (FS) and Department of
the Interior (DOI) Bureaus including:



Bureau of Land Management (BLM)



National Park Service (NPS)



Fish and Wildlife Service (FWS)



Bureau of Indian Affairs (BIA)

IIOG Membership

- Membership includes executive level representation from USDA, the Forest Service, DOI, BLM, NPS, FWS and BIA
- Representatives include Chief Information Officers, Fire and Aviation Management, Law Enforcement and Investigations, and Service First



Project Background

- In August 2009 IIOG visited central Oregon and learned about issues affecting interagency radio communications
- Potential existed to develop a seamless, integrated interagency radio system
- This project is a result of the synergy from this meeting to develop a template for interagency implementation across the country



COIDC Geography

- Prineville District BLM
- Ochoco National Forest
- Deschutes National Forest
- Crooked River National Grasslands



COIDC Stakeholder Partners

- Deschutes County Sheriff
- Crook County Sheriff
- Jefferson County Sheriff
- Oregon Department of Forestry
- Warm Springs Agency
- Oregon Wireless Interoperability Network (OWIN)



Project Goal

Provide a fully integrated, seamless, land mobile radio system that serves the communication and business needs of Central Oregon Interagency Dispatch Center (COIDC) and associated field users including:

- Fire and Aviation Management (FAM)
- Law Enforcement and Investigations (LE&I)
- Natural resource management workers
- Cooperating agencies / partners / stakeholders



Benefits

- Provide more reliable communications to field-going employees, thereby improving employee safety
- Integrate agency radio programs to manage redundancy, consolidate infrastructure, and transition to new technology
- Standardize operations and maintenance (O&M) procedures to reduce overall costs and improve customer service



Approach

- Contract a consultant to recommend potential technical and operational solutions
- Design a single radio system that is the resulting convergence of current BLM and FS systems and new technology
- Deliver a single interagency solution that meets the business requirements of its customers
- Solve interagency operational system maintenance, governance and ownership issues



Scope

- Systems include those currently owned and managed by BLM and FS within the COIDC area
- Includes policies, systems, funding, governance and services that support radio communications
- Consideration will be given to leveraging neighboring agency telecommunications resources including Sheriff's Office and OWIN



Phase I

- Contract consultant to design comprehensive radio system options to support the COIDC area business needs
 - AECOM to begin work Fall 2010



Phase II

- Implement solution chosen by management from Phase I
 - Begin Fall 2011 subject to funding
 - Complete by Fall 2013 subject to funding



Sustainable Communications Infrastructure

- By improving configuration management and standardizing operating procedures, a sustainable communications infrastructure will be maintained as new technology is adopted.
- By eliminating duplication, consolidating infrastructure, and coordinating maintenance activities, efficiencies will increase and program costs will decrease.



Question Database

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IIOG web site

<http://www.IIOG.gov>

