

City of Oakland *and* Port of Oakland **Joint Domain Awareness Center (DAC)**

Project Status Report

May 23, 2013



A graphic of a globe with blue and white colors, surrounded by white wavy lines, located in the top left corner of the slide.

Agenda

- DAC Mission
- Stakeholders
- DAC Technical Requirements
- Solution Demo
- Project Work Efforts & Plan
- Next Steps

DAC Mission

*Centralized System for
Decision Support to
Appropriately Respond to
City-Port Incidents*



- ✓ Centralized Command
- ✓ OPD, OFD, EMSD Response
- ✓ Real-time & Statistical Incident Monitoring
- ✓ City-Port Fiber Optic
- ✓ Proactive Status Awareness
- ✓ Surveillance & Sensor Processing
- ✓ Interoperable Communications

Stakeholders

City-Port Internal



Oakland Police
Oakland Fire
Emergency Management Services
Information Technology Department

Maritime Division

Information Technology Department

Ahsan Baig

Lt. Blair Alexander Michael O'Brien
Renee Domingo Eric Napralla
Cathey Eide Darin White



External Collaboration



EAST BAY SMART CORRIDORS

- John Hemiup (contractor: Kimley Horn)



AUTOMATED REGIONAL INFO EXCHANGE SYSTEM

- Lt. DJ Watts & Subra Chidambaram



USCG AIS VESSEL TRAFFIC SERVICE

- Sr. Chief Doug Samp



BAY AREA TRAVINFO 511

- Melanie Crotty (contractor: SAIC)



NATIONAL WEATHER SERVICE



US GEO SURVEY SEISMIC MONITORING



BAY AREA UASI CBNRE MONITORING

- Jeff Blau, Julie Linney




NO. CAL. REGIONAL INTEL CTR

- Brian Rodrigues


DAC Technical Requirements

OAKLAND CITY



CCTV CAMERAS AT TARGET LOCATIONS

~35 CAMERAS



ITS NETWORK LIVE VIDEO SURVEILLANCE

~40 CAMERAS




POLICE SHOT SPOTTER SYSTEM

>100 SENSOR SITES



POLICE & FIRE CAD & RECORDS MGT SYSTEMS

MOTOROLA COMPATIBLE



OPD ALPR

40 VEHICLES
OPD AUTOMATIC LICENSE PLATE READER MONITORING




OAKLAND CITY POLICE AVL (ALL)



OAKLAND CITY FIRE TRUCK AVL (ALL)



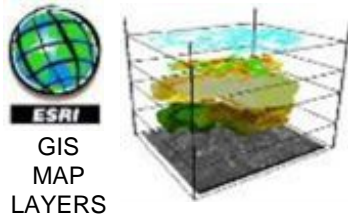
25 SITES
OAKLAND CITY PHOTO ENFORCEMENT



700 + CAMERAS
OAKLAND CITY SCHOOLS CCTV



OAKLAND CITY PUBLIC SAFETY INTRANETS



ESRI
GIS MAP LAYERS

OAKLAND PORT



INTEGRATED SECURITY CCTV SYSTEM

77 PERIMETER DETECTION CAMS



34 THERMAL INTRUSION DETECTION CAMS




21 PAN-TILT-ZOOM CAMS



GEO SPATIAL SECURITY MAPPING SYSTEM (GSMS-GIS)

PORT VIEW

TRUCK MANAGEMENT SYSTEM (TMS)



Registry of 6000 trucks
300 LMCs
6000 Drivers

OTHER EXTERNAL



USGC VESSEL TRAFFIC SERVICE



~ 40 HWY CAMERAS



~ 50 HWY CAMERAS



~ 20 HWY CAMERAS



84 READERS
BAY AREA TRAFFIC MONITORING



US GEOLOGICAL SURVEY SEISMIC MONITORING



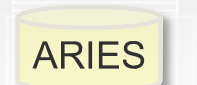
NATIONAL WEATHER SERVICE



NO. CALIFORNIA REGIONAL INTELLIGENCE CENTER

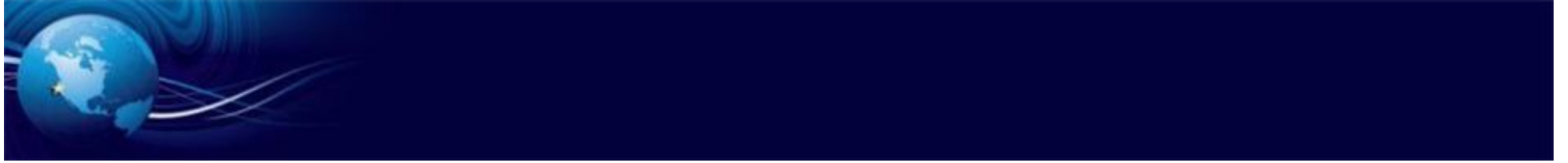


CHEMICAL, BIOLOGICAL, NUCLEAR, RADIOLOGICAL & EXPLOSIVE MONITORING



AUTOMATED REGIONAL INFORMATION EXCHANGE SYSTEM





DAC DEMO



Milestones Completed



Jun 2009: City/Port Work Group MOA Executed



Aug 2009: Construction/Implementation Funding
Approved by FEMA/DHS



Mar 2010: Port Commissioners Accept Funding



Jul 2010: City Council approved DAC implementation



Mar 2012: Sub-Grantee Agreement Executed (City/Port)



Aug 2012: DAC Conceptual Design Completed



Key Milestones

2012			2013												2014						
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DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR APR MAY JUN JUL

- ✓ Contractor Selected
- ✓ Contract Negotiations
- ✓ Implementation Plan Briefing

Initial DAC Deploy Complete

30JUN2013

Full DAC Integration & Deploy Complete

30JUN2014

Live DAC Staffing & Operations

Initial 1 Yr. Maintenance Support



DAC Implementation Funding

Conceptual DAC Design

Source: Port Security Grant Round 8

Amount: \$438,750

Status: Completed

Phase 1 DAC Construction

Source: American Recovery and Reinvestment Act

Amount: \$2,900,000

Status: SAIC Contracted. Completion target June 30, 2013



Future Phase Funding

Phase 2 DAC Integration and Implementation

Source: Port Security Grant Rounds 9 and 10 – as extended

Amount: up to \$2,000,000

Extension pending FEMA approval

Phase 3 DAC Operations and Maintenance

Source: Port Security Grant Round 13

Amount: \$3.5M for 3 years (through Jun 2017)

Grant Application in Spring 2013 (ops start Jul 2014)

Phase 4 DAC Enhancements

Source: Port Security Grant Round 14, UASI, etc.

Amount: TBD – as assessed



DAC Project Next Steps

- DAC Construction and Technology Implementation – SAIC Contract
- Public Safety Committee, City Council, Board of Port Commissioner Briefings
- PSG13 Request for Staff/Maintenance Support – mid-2013
- City/Port O&M MOA – Target Dec 15, 2013