

Submitted Title: Operation Global Mirror - Using GIS Tools to Enable Military-Civil Collaboration and Emergency Response

Submitted Abstract: Operation Global Mirror was a US Department of Homeland Security supported emergency preparedness exercise that took place in May, 2004. The exercise presented a terrorist incident scenario that crossed government jurisdictional boundaries. The jurisdictions included the United States Air Force, and two local governments, the City of Colorado Springs and El Paso County. Fifty-two (52) government and non-government agencies participated in the exercise. The U.S. Air Force Space Command (AFSPC), working with the City of Colorado Springs and El Paso County, demonstrated a prototype integrated GIS, AVL and peer-to-peer network solution that enabled a military service, state and local agencies to act as one entity in responding to an emergency. AFSPC provided real-time access to activities that were taking place in their emergency operations center (EOC) at Peterson Air Force Base, Colorado. The City of Colorado Springs and AFSPC EOCs were able to communicate directly during the incident through a secure virtual network, as well as view GIS activities that were happening remotely at the site of the incident. This presentation will examine the organisational and jurisdictional challenges of military and civil agency GIS collaboration during emergency events. We will also discuss various perspectives of agencies that participated in and benefited from collaborative GIS activities. The session will also present the technical data and GIS and communication tools that enabled successful interagency collaboration.

Paper Category: Presentation

Paper Theme: Defense

Third Party Software--Please specify: *iCIT- intelligent Collaborative Integration Tools (ArcGIS extension)* – CH2M HILL; *Groove Virtual Office* – Groove Networks

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