



ESRI Homeland Security GIS Summit

The Geographic Approach: A Framework for Mission-Critical Decision Making

July 11–14, 2009 | San Diego, California



Major Michael Ronczkowski
Miami-Dade Police Department
Director, Miami-Dade Fusion Center



Intelligence Analysis

Transforming Information Into Intelligence – Data Fusion

- Information Collection and Sources – Quality over Quantity
- Goals, Objectives, Purpose, Mission, Product, Customers
- Privacy Policies, Procedures, Protocols, Clearances
- ***WE ARE LOOKING TO ANTICIPATE FUTURE BEHAVIOR NOT NECESSARILY FORECAST THE FUTURE***

The Primary Objective of Intelligence Gathering – ***“...is to deal with future danger, not punish past crimes.”***

Phillip B. Heymann, Terrorism and America: A Commonsense Strategy for a Democratic Society

Should not strive to prove or disprove any one piece information or someone else's intelligence product. This is not a competition.

Informational Resources

Transforming Information Into Intelligence – Data Fusion

- Confidential sources and informants
- Covert operations
- Interviewing & Interrogation
- Debriefing
- Open sources
- Overt references
- Surveillance
- Stored information
- Professional interchange
- GIS

- National Suspicious Activity Reporting Initiative

*Rule of Three; verify, validate and corroborate
“Watch out for circular regurgitation”*

Intelligence Analysis – Adding Value

Transforming Information Into Intelligence – Data Fusion

- **Fusing the Information (Fusion Centers)**

The goal of the fusion process is to convert raw information and intelligence into actionable knowledge

- **Three “P’s” vs. the Three “R’s”**

Planning, Prevention, Protection

React, Respond, Recover

Mueller said the FBI does well at collecting information, “...but will be the first to concede that we have not done a good job at analyzing it.”

Stated before the House and Senate Intelligence Committees, from the Miami Herald 10/18/2002

Intelligence Analysis – Looking for the Indicators

Transforming Information Into Intelligence – Data Fusion

- Identify and define existing conditions
- Identify, rapidly, changes in existing conditions
- Accurately anticipate behavioral patterns from existing conditions

Examples of techniques you can use:

- Association charting
- Event-time charting
- Link analysis
- Tempo and Temporal analysis
- Financial analysis

“ Don’t forget COMMON SENSE which is probably the most overlooked, taken for granted, and disregarded intelligence analysis tool in your arsenal”

Thank You – Question?



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Intelligence Fusion Center Panel

Moderator – Bryan Ware, CEO

Digital  Sandbox



Panel Members

- **Major Mike Ronczkowski – Miami-Dade Police Department**
- **Lt. Lori Norris – Arizona Counter Terrorism Information Center**
- **Director Maury Mitchell – Alabama Criminal Justice Information Center**
- **Ernie Chambers – DHS, State and Local Program Office**

High Level Questions for the Panel

- **What is the overall mission of your FC?**
- **What are some of the products you are producing in support of that mission?**
 - What is the role of GIS in the production of those products and of Analytics in general? (emphasize more than printing of maps)
- **What do you think are the “hard problems” fusion centers must tackle?**
 - SARs? Knowing true CIKR? Data integration/sharing?
 - Answering the “what does it all mean” question?
 - Again, what is the role of GIS and of Analytics?
- **What is the analytic and systems foundation that you have taken in your fusion center? In other words, what does your system look like, key components and technologies, users and roles?**
- **What are the missed opportunities? What are the really hard problems? What will we be talking about next year?**
- **What would you like to change in this overall system?**