



Information Sharing Environment Technology Overview

Dr. Clark Smith
Director, Technology Division

September 7, 2007



IRTPA Section 1016: Creating the ISE

“The President shall—

- (A) create an **information sharing environment** for the sharing of terrorism information in a manner consistent with national security and with applicable legal standards relating to privacy and civil liberties;
- (B) designate the organizational and management structures that will be used to operate and manage the ISE; and
- (C) determine and enforce the policies, directives, and rules that will govern the content and usage of the ISE.”



President George W. Bush on signing the Intelligence Reform and Terrorist Prevention Act
17 December 2004

Information Sharing Key Concepts

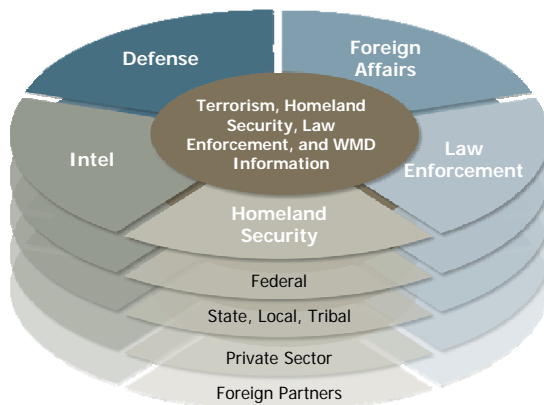
- **Responsibility to Provide – DNI**
 - Information Sharing Steering Committee (ISSC) – March 2007
- **Ability to “Know What We Know.” – DOJ**
 - ...and let others know what we know
 - Law Enforcement Information Sharing Program (LEISP) – FY’04
- **Net-Centricity – DOD**
 - DOD Information Sharing Strategy - May 04, 2007
 - Global Information Grid (GIG) – September 19, 2002
- **Global Initiatives**
 - Intelligence-Led Policing
 - National, integrated network of Fusion Centers
- **DHS Information Sharing Strategy**

Many of the communities doing Information Sharing for their own performance improvement

Who is the ISE?

- Multiple Communities of Interest
- Multiple User Types
- Multiple Governmental and Non-governmental Entities

- Investigators
- Command & Control
- Responders
- Operators
- Collectors
- Analysts

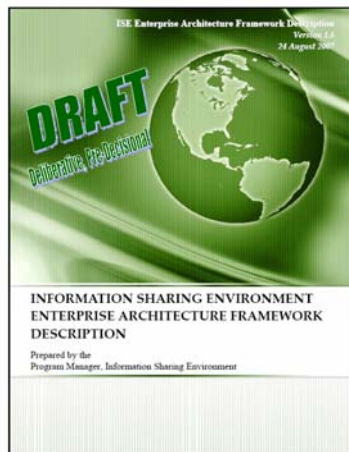


ISE Implementation: Critical Areas

- **Presidential Guidelines and Requirements*** identified these critical areas
 1. ISE Operational Capabilities (e.g. electronic directory services)
 2. Architecture and Standards ([Guideline 1](#))
 3. Sharing with Partners Outside the Federal Government ([Guidelines 2 & 4](#))
 4. Terrorism Information Handling ([Guideline 3](#))
 5. Protecting Privacy and Civil Liberties in the ISE ([Guideline 5](#))
 6. Promoting a Culture of Sharing
- **Shift from Planning to Implementation**
- **Performance Management and Program/Budget Review**

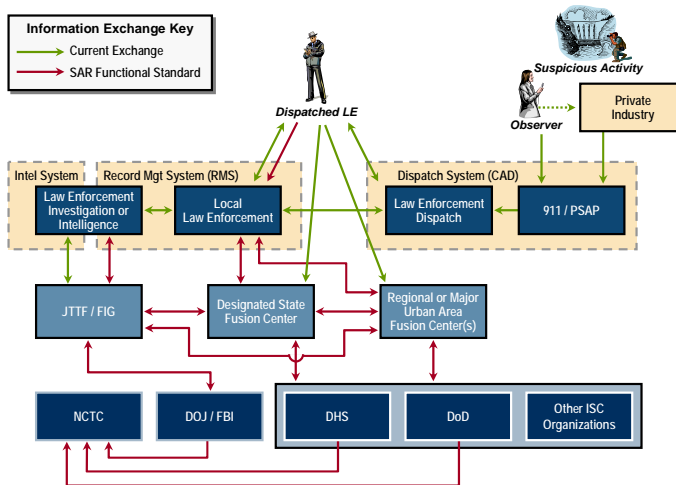
**December 16, 2005 Presidential Memorandum for the Heads of Executive Department and Agencies, "Guidelines and Requirements in Support of the Information Sharing Environment"*

ISE Enterprise Architecture Framework Description

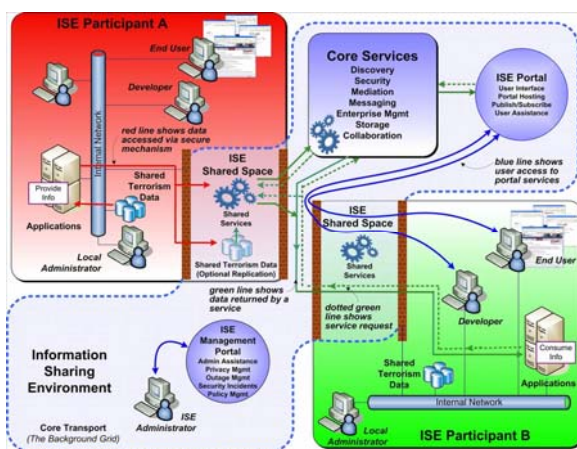


- **Overall Purpose**
 - Provide a terrorism information sharing dimension across civil and national security EAs
 - Meet IRTPA direction to provide guidance and “plan for” the ISE using technology
- **Version 1.0 – Just Released!**
 - Provide a comprehensive strategic description of the ISE architecture
 - Provide a lexicon of terms and information for implementing ISE capabilities
 - Identify key architectural decisions that have been made or must be made

SAR Information Flow



Implementing SAR in the ISE EAF



Questions?

G. Clark Smith, Ph.D.

Director, Technology Division

Office of the Program Manager, Information Sharing
Environment

(202) 331-4060

gordocs@dni.gov

www.ise.gov