How to build:

Information Sharing Environment

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An ISE that is:

Distributed

Decentralized

--Yet coordinated

Serving:

- Government agencies and organizations
  - Federal
  - State and local
  - Territorial
  - Tribal
- Private sector
- International partners

The U.S. Collaboration Challenge

50 States

80,000 Units of local government

300+ million People

750,000+ Police Officers

18,000 Law Enforecement Agencies

1.2 million Firefighters

250,000 Emergency center Operators

78 Fusion Centers

2.2 million Security Officers

Maritime Domain

Air Domain

Protection of Privacy, Civil Rights, and Civil Liberties

AN ISE IS….

- **An ATTITUDE** that the need to share outweighs the need to know
- **A PHILOSOPHY** that making information discoverable is the basis for all system design decisions
- **A RECOGNITION** that information is an asset and must be safeguarded
- **The COLLECTIVE EXPERIENCE** of many communities of interest, including practices, standards and tools that make information sharing easier and less costly to implement

AN ISE IS….

An ISE is a environment that promotes seamless information exchange between participating department and agencies across federal, regional, state, and local levels. The ISE provides:

- A set of services linked together that foster information exchange
- A method to identify users from multiple agencies and grant them access to selected application and services
- Common standards allowing information to be exchanged and interpreted by connected systems
- A way to test and certify software to ensure it meets the standards

Basic Principles for building an ISE

- Ensure the continuous engagement of the end users.
- Standards are the lifeblood of information sharing
- Decisions should be coordinated and made at the lowest possible level of organizational competency.
- It pays to use advanced program and development methodologies
- Expect every step to be iterative

An ISE Playbook –

- Play 1 – Understand what people need
- Play 2 – Gather the stakeholders
- Play 3 – Develop the IS&S concept of operations
- Play 4 – Identify and get support from critical sponsors
- Play 5 – Define IS&S Environment capabilities
- Play 6 – Identify relevant IS&S standards
- Play 7 – Put together the implementation team
- Play 8 – Acquire needed resources

ISE Playbook –

- Play 9 – Manage implementation
- Play 10 – Automate testing and demonstrate success
- Play 11 – Go into production!
- Play 12 – Measure and report the impact
- Play 13 – Share your experiences
- Play 14 – Maximize responsible data transparency
- Play 15 – Make it scalable and sustainable

ISE Playbook:

http://www.standardscoordination.org/iss-playbook

More on the ISE: www.ise.gov