



## **Fact Sheet: Information Sharing Environment Profile and Architecture Implementation Strategy (PAIS), Version 2.0**

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### **PAIS Provides Guidance to Agencies on Developing Key Information Sharing Capabilities**

- On June 24, 2009, Ambassador Thomas E. McNamara, Program Manager for the Information Sharing Environment (PM-ISE) publicly released Version 2.0 of the Information Sharing Environment (ISE) Profile and Architecture Implementation Strategy (PAIS).
- The ISE PAIS provides guidance for developing an organization's information sharing segment architecture and trusted repository for information that will be shared in the ISE (ISE Shared Space). The PAIS provides:
  - Guidance on information assurance and information technology security, to include descriptions of the ISE trust model and ISE Risk Management Framework;
  - Guidance on enterprise architecture concepts, such as technology standards, integration patterns, service-based architecture, and segment and solution architecture concepts.
  - A holistic approach to the Architecture Implementation Life Cycle, which correlates with the Office of Management and Budget's Federal Segment Architecture Methodology (FSAM).
  - A case study for one possible approach in developing and implementing an ISE Shared Space in support of the Nationwide Suspicious Activity Reporting (SAR) Initiative, including detailed descriptions of the types of hardware and software required to develop and implement an ISE Shared Space. *For more information about the Nationwide SAR Initiative, visit the SAR page on [www.ise.gov](http://www.ise.gov).*
- The new version of the ISE PAIS addresses key requirements of section 1016 of the Intelligence Reform and Terrorism Prevention Act of 2004 and provides more specific guidance for Federal Chief Information Officers, Chief Technology Officers, Chief Architects, and network managers involved in integrating their information sharing capabilities into the ISE.
- The PAIS supports ISE Participants as they plan and implement their information technology systems that will interface with the ISE.



## **BACKGROUND ON THE INFORMATION SHARING ENVIRONMENT**

- The *Intelligence Reform and Terrorism Prevention Act of 2004*, as amended, calls for the development of an ISE to facilitate the sharing of terrorism and homeland security information among Federal, State, local, and tribal governments and, as appropriate, foreign governments and the private sector.
- As part of implementing the ISE, the law requires the Program Manager to describe the functions, capabilities, resources, and conceptual design of the ISE, and the impact on the enterprise architectures of participating agencies. As a companion document to the ISE Enterprise Architecture Framework, the ISE PAIS supports these requirements.