



Our research in support of **Chief Information Officers** involves topics from a number of MITRE Technology Program Technology Areas. They include new process techniques for enterprise-wide strategic planning, architecting, and investing in information technologies, as well as, new enabling technologies to better secure and manage enterprise-wide information. Eight projects have been highlighted that address various challenges that CIOs face. A **one-hour guided tour** (starting at **Thread Central at 1 pm**) provides an overall orientation of the work being done plus in-depth presentations by four projects. Please visit the remaining projects using the map provided (over).

Enterprise Architectures

Tour

EA-04 Multiagency Enterprise Architecture Planning Framework (and Case Study)

The integration and allocation of information resources and physical assets of multiple agencies requires new approaches for conducting modernization programs. A DOD-DHS case study illustrates the challenges.

EA-05 Executable Architecture Methodology for Analysis (and Case Study)

A methodology to convert static architecture products into executable architectures makes more explicit the many interfaces in enterprise-wide systems of systems. A DOD-DHS case study illustrates the challenges.

Investment Strategies & Operational Analysis

Tour

ISOA-01 Enterprise Lifecycle Investment Management

This project seeks to establish a "gold standard" for investment management analyses within the user, government oversight, and vendor communities using the Coast Guard as a first case study.

Information Assurance

Tour

IA-07 Enterprise-wide Security with Cryptographic Hardware Assistance

This project is developing security technology that can be combined with the emerging PC-based Trusted Platform Module to provide improved security for the enterprise.

IA-04 Security Guards for the Future Web

Security guards need to evolve to meet the information sharing needs of today's Web services and tomorrow's semantic Web. Web guards become key enablers for sharing information within network-centric operations.

Information Management

Tour

IM-06 Peer-to-Peer Sharing Architecture (PISA)

A distributed data sharing architecture based on P2P technology will connect users and C2ISR data sources together in a dynamic virtual network.

IM-05 Intelligence Sharing Across Boundaries

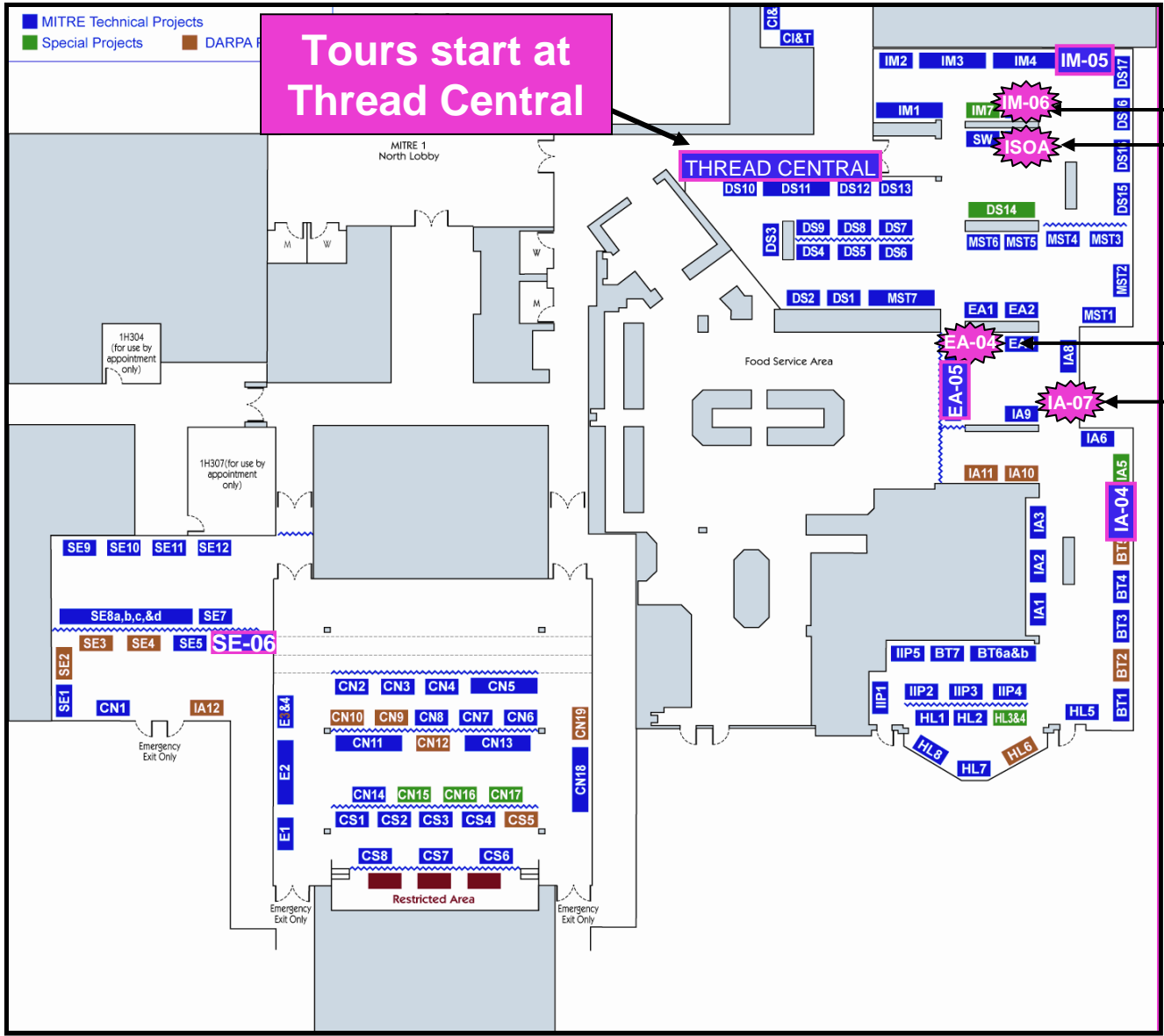
Fine-grained information (facts and beliefs about the world), gathered piecemeal by distributed communities of users, can be more readily and effectively shared across organizational boundaries.

Sensors & Environment

SE-06 Biometrics: Calibration and Systems Engineering

There is no biometric silver bullet. A methodology that provides a high-level, holistic approach to the fusion of multi-biometric systems is being developed to address how best to integrate these technologies in the future.

CIO: Chief Information Officer Thread



Thread Tour

IM-06 PISA

ISOA Enterprise Lifecycle Investment Management

EA-04 Multiagency Enterprise Architecture Planning Framework

IA-07 Enterprise-wide Security with Cryptographic Hardware Assistance

Please also visit:

EA-05 Executable Architecture Methodology for Analysis (and Case Study)

IA-04 Security Guards for the Future Web

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