Trans-Atlantic Information Fusion for Resiliency and Homeland Security
$6.7 Billion 2004 Revenue

43,000 Employees in 126 Locations

#5 America’s Most Admired Companies

*Fortune* (April 2004)

#1 Private Information Technology Company

*Business Week* (June 2002)

#5 Top Systems Integrator in North America

*International Data Corporation* (January 2003)

#2 GSA Contractor

*Government Executive* (August 2003)

#1 Systems Integration Contractor

*Government Executive* (August 2003)

#289 Fortune 500 Companies

*Fortune Magazine* (April 2004)

#8 Top Defense Contractor

*Government Executive* (August 2003)
SAIC Homeland Security Task Force

- Founded in 1999
- Objectives
  - Senior Steering Committee
  - Focus on homeland security as a priority government mission
  - Key executives coordinate SAIC's efforts

We were doing Homeland Security before it was cool
SAIC Contracts with the Department of Homeland Security

Office for State and Local Government Coordination and Preparation
- Hospital Provider Course*
- Analysis of Statewide Domestic Preparedness Strategies*
- Needs Assessment Support State and Local Domestic Preparedness Technical Assistance*
- Strategic Planning and Program Development Support*

Chief Information Officer
- DHS Enterprise Architecture*
- Technical and Business Process Engineering Support DHS CIO/Chief Infrastructure Officer
- Technical and Strategic Support for Wireless Management Office*
- National Strategy Support for Geospatial Management Office*

Chief Security Officer
- Department Security Plan*
- NCS Transition Support*
- NCS SETA COP/COR Support*
- NCS Support*
- Information Assurance Support*
- InfraGard Support*
- Nuclear Criticality Safety Program Support*

Chief Financial Officer
- Baseline Assessments of Financial Management Systems, Property Management Functions, and all DHS Assets
- Capital Planning and Investment Control*
- EA for eMerge2*

Management
- DHS Enterprise Architecture*
- Technical and Business Process Engineering Support DHS CIO/Chief Infrastructure Officer
- Technical and Strategic Support for Wireless Management Office*
- National Strategy Support for Geospatial Management Office*

Emergency Preparedness and Response
- Federal Emergency Management Agency
  - Multi-Hazard Flood Mapping*
  - NEMIS Transition Support*
  - Continuing Conduct of Technical Vulnerability Assessment of the FEMA Critical Infrastructure System*
  - FEMA Disaster Management eGovernment Initiative (DMeGov)*
  - Technical Assistance to FEMA OCIO
  - Civilian Biodefense Research Programs-Bioterrorism Initiative*
  - Support for Radiation Protection Activities
  - Federal, State, and Local Health and Medical Domestic Preparedness Initiatives and Consequences*
  - Antibioterrorism Reorganization Study
  - PBT Project Integration Assistance and Program Support*
  - Comprehensive Review of the Program Support Branch*
  - Domestic Emergency Support Team Operations Manual
  - System Operations and Management for the Office of Safeguards and Security*
  - Fissile Material Disposition Facility Project

Science and Technology
- Net Assessment Organization and Capability Support*
- Strategic Planning (Border and Transportation Security Portfolio)*
- Program Management Tools Support*
- Plum Island Site Inspection

Research and Development
- TSWG 1063 Real-Time Radioisotope Identification and Reporting*
- TSWG 1072 Efficient Detection of High-Z Materials in Cargo*
- Toxic Industrial Materials*
-VACIS Imaging and Analysis*
- HSARPA: Rapid Low Cost Band Using Microarrays and Gel Electrophoresis*
- HSARPA: Biological Agent Sensor*
- HSARPA: Support for Fastoff*

Information Analysis and Infrastructure Protection
- DOC Antiterrorist Awareness Training*
- FedCIRC Patch Authentication and Dissemination Capability*
- FedCIRC Incident Reporting and Handling Services*
- Wireless Priority Access (Telcordia)
- Emergency Notification Services (Telcordia)
- Government Emergency Telecommunications Service (GETS)*
- NCS/WPS-AIN Consulting Umbrella (Telcordia)
- IP-Based NS/EP Service for the NCS*
- Priority Services in Next Generation Networks*
- SLA for ETS in Evolving Networks*
- NCS SETA COP/COR Support*
- NCC Support*
- Information Assurance Support*
- InfraGard Support*
- Nuclear Criticality Safety Program Support*

Border and Transportation Security Administration
- Management and Disposal of Voluntarily Abandoned Materials*
- Management of Operations Centers
- ITMS Support (Unisys Team Member)

Bureau of Customs and Border Protection
- VACIS Programs*
- Security Services*
- Strategic Planning Support*
- Detection of Ingested Drugs of Abuse*
- Port Modeling Study*
- RD&E Planning Implementation*
- Advanced Passenger Information System Security Certification*
- E-Permits*
- Emergency Program Support*
- NCC Support*
- Information Assurance Support*
- InfraGard Support*
- Nuclear Criticality Safety Program Support*

SAIC's breadth and depth of experience with Homeland Security is unmatched.
Athens 2004 Olympics Security System
International Event and National System

**Surveillance**
- Police, CG helos
- Regional Traffic
- Airship
- Underwater detection

**Command and Control**
- Hellenic Fire Brigade
- National Defense General Staff
- Hellenic Police
- Minister Of Public Order
- Olympic Games Security Division
- Olympics Intel Center
- Hellenic Coast Guard
- Minister Of Merchant Marine
- Inmarsat
- TETRA radio

**Physical Security**
- Perimeter sensors & surveillance
- Vehicle tag recognition
- Alarms
- Access control
- Port Security

**Antiterrorism, Dignitary and Athlete protection**
- at 120 venues

- Olympic Complexes Regional Fire & Security CCs
- Olympics Special Regional Security CCs (Press & Tech Officials, Hotels/Housing, Stand-alone venues, Ports)
- Olympics Venue Security CCs

- 5 Mobile Command Centers
- 9,260 Mobile Units
SAIC has developed a Public Safety Integration Center (PSIC) to demonstrate “use cases” that reveal complete integrated security solutions including:

- Command, Control, Communications, Computers, and Intelligence
- Voice, Video, Text, Spatial Interoperability
- Emergency Operations Center (EOC) Simulator
- Mobile Command Vehicle Simulator

Public-Private Partnership

- Involves industry and government

More than 100 vendors currently participating, more in preliminary discussions

Companies participating in the PSIC include: IBM, Microsoft, Intergraph, Motorola, Nextel, HP-Compaq, Nortel, Sprint, Extreme Networks, Blue292, InstaKNOW, SensorNet, iCITE, ObjectVision, Aviarc, VANU, Microautomation, Terralert, EnterpriseAir, PadCom, SensorView, SpaceNet, LocationNet, and E Team
PSIC Solutions for Homeland Security
Six Major Solution Sets

- Vulnerability and Consequence Assessment
- Intelligence and Analysis
- Physical-Cyber Security, Access Control, Surveillance
- “Back Office” Collaboration
- Incident Management
- Network and Communication Infrastructure
Vulnerability Analysis and Consequence Assessment
Understanding Risk, Forecasting Hazards, Anticipating Response

Three-Dimensional High Explosive Blast Models

Interior Building Chemical Dispersion

Geographic Information System for Demographics and Infrastructure

Chemical, Biological, Nuclear, and Radiation Dispersion Models

Interconnected Infrastructure Vulnerability Analysis

Natural Hazard Impact Assessment

River and Pipeline Contamination Dispersal Projections
Incident Management
On-scene to Local to State to Federal

Military Support to Civil Authority

Computer-Aided Dispatch to First Responders

Crisis Information Management Software

Common Operating Picture

Operations Analyst
PSIC: Laboratory, Test Bed, Prototype Demonstration Center in McLean, Virginia, USA
Homeland Security is a Sphere of Protection
Security of the Whole and Security of the Parts

Science Applications International Corporation

To visit the Public Safety Integration Center
Email: PSIC@saic.com