CAPABILITIES STATEMENT

ASIS Inc.
Information Technology Services and Products.

INTRODUCTION

ASIS's team is a group of proven professionals with expertise in Information and Communications Technologies (ICT), and management consulting. Our ICT specializations include web applications, client-server environments, open systems, and integration/migration from legacy systems. We offer a unique mix of skills and rapid response to client requests for specialized expertise. We are familiar with the challenges of working with federal and regional governments, non-profits, and with private corporations, both in the USA and abroad. In the government sector, we have provided numerous ICT support and e-Government solutions in applications related with Finances, Procurement, Human Resources, and Project Management.

ASIS professionals use information engineering methodologies to define and construct the most appropriate systems for our clients' needs. We have completed engagements in *Systems Planning, Functional Design, Data Modeling, Process Modeling, Application Design, and Software Development*. Our technical approach to system solutions is based on updated techniques combined with the latest methodologies and tools. We have experience and strong technical skills to support our clients in a broad range of platforms -- from mainframes to client-server architecture and Web-based environments.

ASIS is based in the Washington, D.C. metropolitan area and holds secret facility clearance with DSS. ASIS main **NAIC codes are:**

541511 Computer Programming Services	**541512** Computer System Design
541519 Other Computer Related Services	**541618** Other Management Consulting Services
511210 Applications software, packaged	**518210** Application Service Provider (ASP**)**

ASIS SOFTWARE PRODUCTS

▪ **MANAGER -**

Manager is a comprehensive web application that assists managers in all aspects of programs and project definition and execution. This product facilitates management of strategic objectives, activities, indicators, EVM, and human resources components. It integrates the management of a project's entities such as vendors, beneficiaries, partners, employees, contracts, tasks, and budget. The Arc-View/Google/Yahoo type GIS (Geographical Information System) interface permits easy graphical access to all database data. The integrated ISYS indexing search engine permits searching the content of all documents types (about 150 file formats). Users have the option to drill down into each matched document or the corresponding element of Manager where it was created. Although our package is very comprehensive and customizable without programming, we offer the option to enhance it based on customer requirements. See a detailed product description at our web site or at http://www.manager-e.com.

▪ **VENDORS MANAGEMENT**

This web application assists government agencies and medium/large commercial organizations in registering and tracking the capabilities of small business vendors. Your vendors fill out and maintain their own registration online. When a need arises for a particular service your program manager or procurement staff can easily find most capable vendor with this tool. This application can be optionally integrated with the Manager tool to obtain even more detailed management of selected vendors.

• **LIBRARY SYSTEM**

This is a highly customizable web application that supports all the typical requirements to manage a public or private library at an organization. Cataloging, searching, reserving, and lending catalog items

(publications, videos, electronic documents …) are some of the main features. The advance search engine permits easily locating any item in the catalog.

AREAS OF EXPERTISE

- **BUSINESS FUNCTIONAL AREAS**

  We have significant experience designing information systems across a wide spectrum of private and public sector functional areas, including:

Budget/Accounting	Financial Management
Payroll/Personnel	Vendors Management
Inventory	Project Management
Fleet management	Property Management

- **DEVELOPMENT CYCLE**

  We can assist our clients in all stages of the development cycle, including:

  Configuration management
  Customized software development/maintenance
  ICT strategic planning
  ICT feasibility studies
  Planning, supervision and execution of ICT projects
  ICT requirements analysis
  Functional systems design
  Data/Process modeling
  Software products integration and related consulting services

- **Web Applications**

  One of our main strengths is the ability to create advanced web applications tied to relational databases. We can produce web applications very fast using JSP, Java classes, ASP, or dot Net technologies. We make sure to satisfy our clients with the quality and reliability of the web applications we build.

- **RDBMS/OBJECT-ORIENTED TECHNOLOGY**

  Use of relational databases and Object-Oriented Technology is one of our strengths.   Among others, our staff is experienced in the following tools:

Java	DB2	Delphi
MS/ACCESS	MS/SQL	HTML
C#/.net	ORACLE	IDMS
Windows internals	Visual Basic	JSP
Genexus	VB and Java scripts	PL/SQL

- **CLIENT SERVER TECHNOLOGY**

  We have experience developing integrated multi-platform applications dealing with data base issues such as data modeling, data administration, database administration, queries optimization, database distribution, integrity constraints, processing distribution, and data replication. We also have strong experience in Configuration Management, software Deployment and Distribution using tools such Marimba Castanet, Installlshield.

- **NETWORKS**

  We install and support Windows 2003/2008/2011 server versions; we have expertise in TCP/IP, and all MS/Windows versions.

- **LEGACY SYSTEMS**
  Our senior staff has been involved in major IBM mainframe projects, architect legacy systems, and migration to new operating environments. Experience includes MVS and utilities, DB2, IDMS, COBOL, and PL/I.

SELECTED PROJECTS

The following Project Descriptions illustrate the broad professional capabilities and experience of ASIS and its personnel.

TASK: Information Technology Advising to Anticorruption Threshold program in Peru.
CLIENT(s): Segura Consulting - subcontractor of MSI at USAID
DESCRIPTION: ASIS assisted MSI and USAID in the MCC (Millennium Challenge Corporation) anti-corruption threshold project in Peru. Our role included all aspects of building Information system to support the anti-corruption program at Peru's justice department and the controller's department. ASIS provided technical advice regarding monitoring the technical work being done by subcontractors and the information system requirements at the government offices.

TASK: Technical Support to PRIME 3.4 contract
CLIENT(s): AINS, Inc - Prime 3.4 subcontract at USAID
DESCRIPTION: For a fifth consecutive time in a row since 1994, ASIS continue servicing USAID as subcontractor of one of the prime IT contracts. The high quality services delivered in the past and experience servicing this client has allowed us to earn this repeat business over so many years. Currently and under a five years subcontract of $3.2 Million subcontract, we are key partners of AINS in the software packaging task and other IT areas. We continue providing numerous technical support activities that requires talented staff in several areas of information systems. Currently, our services include software packaging and distribution to USAID's 6000 approximately desktops worldwide and over 500 servers. Our people are also in charge of the USAID's ILAB(Inter-operability Laboratory) where all applications updates are tested for inter-operability with other software before deployment worldwide.

TASK: Technical Resources Library
CLIENT(s): NAIHC (National American Indian housing council)
DESCRIPTION: We designed and constructed an advance Web system using dot Net and Oracle to catalog all publications, documents, videos and other media produced or used at NAIHC. The system supports full Library functionality. It provides advanced documents management and querying features.

TASK: Program Management support for the Phoenix Project
CLIENT(s): USAID/CFO/FS Office
DESCRIPTION: Since 2005 and continuing currently in 2010 under a $1.85 Million prime contract, ASIS staff has supported this project by assisting in planning, budget analysis, and coordination with other major system projects in the Agency. M/CFO has been very pleased with the quality of the services provided. Since support for Phoenix is provided by several large institutional contractors, we have been able to provide independent, unbiased advice to project managers that would not be possible to get from the larger institutional contractors. ASIS staff report directly to CFO's upper management to ensure the proper coordination and financial management related with large contracts at USAID that are budgeted in hundreds of millions of dollars.

TASK: Requirement Analysis at USAID/Colombia
CLIENT(s): USAID mission at Colombia

DESCRIPTION: We interviewed most of the officers and high ranking staff at the mission assessing their need of information to manage the execution of the three mission Strategic Objectives. We evaluated a Microsoft Access system against the expressed needs, and architecture requirements. A final report was issued with detail functional and architectural requirements.

TASK: Minority Serving Institutions Database – MSI (Web Application)
CLIENT(s): Office of Small and Disadvantaged Business Utilization at USAID
DESCRIPTION: We created a dot Net/web and Oracle application that permits registration of Universities and minority serving institutions interested in doing business with USAID. Program managers and contract officers use the system to search for institutions with specific expertise.

TASK: Software Deployment and Distribution
CLIENT(s): Prime contract with USAID – task order valued over $500K
DESCRIPTION: ASIS's staff provided leadership and technical expertise assisting the client in all aspects of this project, including tool selection, planning, setup and installation, pilot implementation in several countries, and customization. ASIS staff provided operational support to all software packaging and deployment at USAID worldwide using Marimba Castanet and Installshield packaging scripts.

TASK: Technical Support to PRIME 2.2 contract
CLIENT(s): SRA - Prime 2.2 subcontract at USAID
DESCRIPTION: Under a five years subcontract agreement of $3.67 Million, ASIS's provides numerous technical support activities including talented staff in software deployment and distribution, procurement support, faith based system's needs, Crystal reports, and quality assurance. Our people did built several computer systems using Java and Oracle database environments, and produced and large number of specialized reports using Crystal reports.

TASK: Subcontracts Monitoring – SUMO (Web Application)
CLIENT(s): Office of Small and Disadvantaged Business Utilization at USAID
DESCRIPTION: We designed this database and the Java based Web application that permits OSDBU officers managing and enforcing minority subcontract plans submitted by prime vendors as part of their contract award. The system interfaces with the procurement Oracle database refreshing the SUMO database with the latest awards activity.

TASK: Small Business Resources Database – SBRD (Web Application)
CLIENT(s): Office of Small and Disadvantaged Business Utilization at USAID
DESCRIPTION: We designed a database and the Java based Web application that permits vendors registration and contracts reporting directly to USAID/OSDBU database. OSDBU managers and contract officers can easily identify companies that match products and services needed. This is the first web system at USAID which is implemented outside of USAID's network firewall.

TASK: Design and development of Human Resources Database.
CLIENT(s): EEOC
DESCRIPTION: A Human Resources data warehouse was designed and developed to house historical HR data. Processes were developed to load and migrate data for the new HR system at Department of Interior/FPPS. Technology used included Designer

2000, Erwin, PL/SQL procedures, Oracle Packages, Oracle utilities, and JAVA programs.

TASK: Housing Index Management (Web Application).
CLIENT(s): Native American Indian Housing Council (NAIHC)
DESCRIPTION: Using this product, NAIHC members nationwide are able to easily search for housing grants or loan programs that meet the housing needs of the American Indians clients. Effort included building a complete web based system and its corresponding Oracle database, installing Oracle server, IIS server, and providing regular maintenance and enhancements.

TASK: Needs Assessment and ICT Feasibility Study.
CLIENT(s): Native American Indian Housing Council (NAIHC)
DESCRIPTION: The needs of the NAIHC and its members were evaluated and over 50 possible ICT initiatives were identified. A further analysis generated over 30 different implementation recommendations, some for the short-term and others for the longer term.

TASK: Data warehouse Database Design Development and Administration.
CLIENT(s): United States Agency for International Development
DESCRIPTION: Constructed an Oracle database that stores all procurement information spread on several systems and environments. Provided tools to migrate and synchronize data from other Oracle systems and produce all required procurement reports at USAID. Tools used included Erwin, Oracle procedures, packages, triggers, MS-Access, and Crystal reports.

TASK: Specialized Reports Management.
CLIENT(s): United States Agency for International Development
DESCRIPTION: Project entails requirements analysis, database analysis, report design, validation of information and presentation. Requestors include internal staff (senior management, and staff worldwide) and external requestors (the U.S. President, U.S. Congress, GSA, GAO, private sector). Common tools used to produce reports include Crystal Reports, Seagate Information Enterprise, Cognos Impromptu, Business Objects, MS-Access, SQL, and Oracle scripts.

TASK: Negotiated Indirect Cost rate agreement (NICRA).
CLIENT(s): United States Agency for International Development
DESCRIPTION: A Visual Basic client-server application that had several defective functions was fixed and re-deployed with enhancements.

TASK: Business Analysis, System Design, and Software Deployment.
CLIENT(s): United States Agency for International Development
DESCRIPTION: Analysis, design, and development support to a Business Process Re-Engineering effort. Using Information Engineering and CASE tools, re-engineered business processes were implemented worldwide. Activities included software development, user interface, data and process modeling, and programming activities. The first phase of this effort resulted in the implementation of a Results Tracking system which was deployed In Washington and in 42 servers and thousands of client PCs worldwide.

TASK: Data Modeling.
CLIENT(s): United States Agency for International Development
DESCRIPTION: Maintained several agency data models, including the largest Oracle database covering over 14 subject areas (such as procurement, project management and

financial systems), 600 tables and 5000 data elements was maintained, producing: reverse engineering models, forward engineering scripts and management alerts on database problem areas.

FRANCISCO ESCOBAR

SUMMARY: Mr. Escobar is the founder and principal of ASIS, Inc. He has more than 20 years of experience designing and implementing computer systems for public and private sector clients in the U.S., Latin America, Europe, and the Near East. Prior to founding ASIS and leading other consulting firms, he was a Senior Consultant and systems analyst with the accounting firm, Deloitte & Touche for many years.

Mr. Escobar is experienced in Database techniques and products, Web development, client-server, IBM mainframes, and Windows environments. His main technical strengths include data and process modeling, CASE tools, databases technologies, and software applications design.   He has performed as project manager, team leader, data and process modeler, application design facilitator, and requirement's analyst. His experience developing and implementing a wide range of application systems include applications for business functions such as Project Management, Inventory Control, Personnel Management, Equipment Management, Tax Control, Student Records, and Financial systems. As a result of his extensive project experience both here and abroad, he has acquired significant knowledge of operations and methods at County level and several federal organizations such as the United States Agency For International Development, U.S. EEOC, U.S. Census Bureau, U.S. National Institute of Standards and Technology, U.S. Federal Highway, and some foreign governments.

EDUCATION:
> **Florida International University,** Florida
> **Bachelor of Science,** Computer Science 1982

TECHNICAL SKILLS:
> **DATABASES:** Oracle, IDMS, MS-Access.
> **SOFTWARE:** PL/SQL, Erwin, BPWIN, Rptwin, Visual Basic, IBM mainframe utilities and COBOL, PLI, MS-Project, Genexus.

LANGUAGES:
> Spanish and English. Advanced studies of Portuguese.

SECURITY:
> **Active Secret** facility Clearance.