

Capabilities and Experience

General Overview

AhITek is well known in the San Diego region for providing exceptional program, engineering and management services to military, government and commercial organization that are involved in Net Centric technologies such as wireless communications, networking, security, SIP/VoIP, digital video, sensing and monitoring and embedded computing. In addition to these services, our sister company Entrée Wireless, provides a line of wireless mobility products for challenging applications.

Program Services

- Strategic planning, risk assessment, tradeoff studies
- Business case and cost benefit analysis
- System cost, schedule & performance
- Total Ownership Cost (TOC)
- Earned Value Management (EVM)

Engineering Services

- Advanced and evolving technology development.
- Feasibility, concept and rough order of magnitude studies
- System, Software and IT engineering
- COMMS engineering, SDR architecture, link budgets
- COTS application analysis
- Technology assessment
- Testing and certification

Management Services

- Business, program and team transformation
- Financial management, spending and funding plans
- Strategic and technology planning
- Operational requirements development
- Budget formulation, recommendations
- Mission Needs Statement (MNS)
- Estimates at Completion (EAC)
- Plans of Action and Milestones (POAM)

Market Segments

- Net Centric transformation
- Communications
- Information Technology
- Networking, Security and Information Assurance
- Interoperability and Platform Integration
- Software Integration
- Training systems

Recent projects:

Directional MANET network

Program management

Airborne software defined radio

Comms engineering

Digital video mobile network

Product design

First responder portable video

Product design

FORCENet & Net Centric warfare

Seminar development

ConOps collaboration tools

Business development

SIP and VoIP

Seminar development

Mobile video system

Product development

Training and Seminars:

We develop custom seminars and training programs to meet specific requirements.

- FORCENet and Net Centric opportunities
- COTS technology for Military applications
- Introduction to WiMAX
- Introduction to SIP and VoIP

Events and Conferences:

We keep current through participation in leading edge events and conferences.

- 2006 Software Radio Summit
- 2006 NCOIC Network Centric Operations Industry Consortium
- 2005 MOBEX Disaster Search and Rescue
- 2005 FORCENet engineering conference

AhlTek Services and Products by NAICS Codes

NAICS	Products	
334220	Wireless Communications Equipment	Point to point and multi-point wireless, Mobile ad hoc Network, Mobile Video, Portable power
334513	Sensing, Monitoring, Display and Control Equipment	Instruments and sensors, measurement and display devices, industrial process controllers
334515	Measuring and Testing Equipment	Custom instruments and meters
	Services	
541330	Engineering and Technical Services	Plan, design and development equipment and systems, feasibility studies, technical services, program and project management
541420	Industrial Design Services	Packaging design, Design, specify and develop concepts that optimize the use, value, and appearance of products
541511	Custom Computer Programming Services	Design, specify and develop software including writing, modifying, debugging, testing and support
541512	Computer Systems Design Services	Planning, design, integration, computer hardware, software, systems, communications
541611	Business and Program Management Services	Strategic, Financial and Organizational planning, Program management
541614	Process and Logistics Consulting Services	Logistics management, Operations research, Productivity improvement, Manufacturing operations improvement
541690	Scientific and Technical Consulting Services	COMMS engineering, Data security services, Production planning and control, Productivity improvement services
541710	Research and Development in electronics, sensors and communications	Communications, sensors, electronics, related hardware research and development services
611430	Professional and Management Development Training Services	Professional, Management and Quality Assurance development training

Business information

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