



Project & Systems Engineering Services

www.canyonap.com

Project Engineering [‘pra.jekt en.ja’nir-in] – *the engineering aspects of a specific project, such as development of a product/system or solution to address a problem.*

Systems Engineering [‘sis-temz en.ja’nir-in] – *enabling of interrelating parts to transform a user’s need into a system. Discipline focuses on system as a whole including customer needs and operational environment.*

Canyon, a small business located in New England, provides technical leadership on system engineering projects for both commercial and government markets. Canyon’s focus on operational and cost efficiencies produces innovative solutions to challenging end-to-end communication systems projects.

Canyon also developed the Armed Forces Electronics and Communications Association (AFCEA), Southern New England chapter’s C4I Systems Engineering Certification program. This innovative course offering brings the formal systems engineering discipline together with information systems, using emergency management scenarios to illustrate its principles.

For additional information, please contact:

Joseph Loda
Chief Systems Engineer, Principal
Mobile: 203-671-0885
joe.loda@canyonap.com

FEDERAL ENGINEERING SERVICES

- **Project Engineering** – Matrix management of multiple technical teams
- **Systems Engineering** – Life cycle methodologies
- **Systems Integration**– Interoperability projects, including System-of-Systems design and implementation
- **Product/Systems Development** – Create a new or improved product or system
- **Advisory and Training** - Develop technical architectural designs, implementation and deployment plans, and operating procedures for products and systems

PAST PERFORMANCE

Project	Customer Goals	Canyon results
Facechecks	<ul style="list-style-type: none"> • Facial recognition technology 	<ul style="list-style-type: none"> • Product application development and advisory services
JUICE 2014	<ul style="list-style-type: none"> • Cyber Defense capabilities 	<ul style="list-style-type: none"> • Story line development • Defense Support for Civilian Agencies (DSCA) scenarios
JUICE 2013	<ul style="list-style-type: none"> • Cyber Defense: Protecting the Battlespace 	<ul style="list-style-type: none"> • Advisor on expert reachbacksensor integration into exercise network • Civil agency support
JUICE 2012	<ul style="list-style-type: none"> • Integration of Unified Capabilities (UC) networks across multiple organizations 	<ul style="list-style-type: none"> • Army Force-Fwd deployment, planning • Vendor/JUICE integration advisor (Mutualink) • JUICE story summary
JUICE 2005-2011	<ul style="list-style-type: none"> • Expeditionary Comms • Pushing Comms to the Edge • Army/CECOM transition to Aberdeen Proving Ground 	<ul style="list-style-type: none"> • Multi-vendor Smartphone secure voice demonstration • Video conferencing extension for exercise J6 command • R&D comms equipment insertion concepts and development

CONTRACT VEHICLES

- Seaport-e Prime (pending)

NAICS CODES

541512 (Primary)	Computer, Network Systems
541712	Computer, Electronic R&D
541330	Engineering Consulting

MEMBERSHIPS

- Armed Forces Communications & Electronics Association (AFCEA)
- Hanscom Representatives Association (HRA)
- International Council On Systems Engineering (INCOSE)
- Institute of Electrical and Electronics Engineers (IEEE)

KEY INFORMATION

- DUNS: 23884739
- CAGE CODE: 67WW6
- EIN: 27-1475486
- www.sam.gov: Active

CLIENTS AND STRATEGIC ALLIANCES

- Joint Users Interoperability Communications Exercise (JUICE) stakeholders:
 - US Army CECOM
 - US Air Force STRATCOM
 - US Marine Corps
 - Army National Guard
 - NATO Special Operations
 - Coalition Partner units
 - Civilian and public safety agencies
- AFCEA International
- AFCEA Southern New England,
 - Director, Professional Development
 - Executive Advisory Board (EAB) member
- University of Bridgeport, CT
 - Facechecks
 - School of Engineering