

# *A Strategic Planning, Systems Engineering, And Investment Capital Firm*



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# VII Inc. Core Competencies

- Strategic planning, policy development, national needs metrics, and development of bipartisan political support on international and national level initiatives
- Inter-agency cooperation and partnerships with industry
- International cooperation and international ventures with Europe, New Independent States, PacRim, Canada and Israel
- Public interest, education and outreach
- Intellectual capital development (briefings, books, brochures, videos, television, radio)
- System-of-systems engineering of major big-ticket items
- Crosscutting best business practices, processes and methodologies
- Research and development, technology transfer and commercial-off-the-shelf implementation
- Offsets, mergers & acquisitions, joint ventures

***Strategic Planning, Management Consulting, System-Of-Systems Engineering***

# U.S. Defense & Aerospace Clients

## US Government



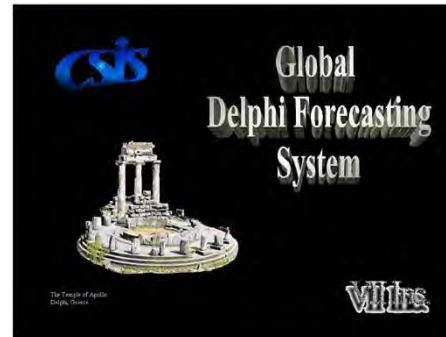
- US Congress
- Department of Defense
  - Office of the Secretary of Defense
  - Joint Staff & CINCs
    - USACOM
    - USTRANSCOM
    - USSPACECOM
  - US Air Force
    - Air Staff
    - AC2ISRC
    - Air Mobility Command
    - Air Combat Command
    - Air Force Research Laboratory
  - US Army
    - TRADOC
    - National Automotive Center
  - US Navy
  - US Marine Corps
  - DARPA
- NASA
- Department of Transportation/FAA/FRA
- Department of State
- Department of Commerce
- Commercial
  - Aerospace And Defense Industry
  - Information Technology Corporations
  - Service Companies & Firms
  - Policy Institutes
  - Trade Associations

*Main Activity Is On Emerging International & National Initiatives*

# U.S. National-Level Activities



***Strategic Planning For  
Space Commercialization***



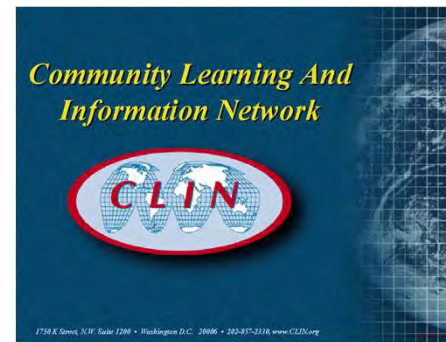
***Policy Development  
Tools***



***Doctrine  
Development***



***Five Agency & Industry  
Initiative For The Next  
Generation Truck***



***Community Learning &  
Information Network***



***US Congressional  
Briefings & Liaison***

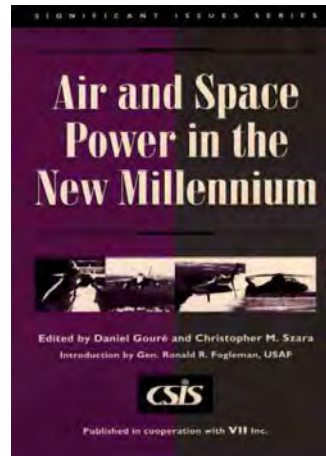
***Developing Intellectual Capital Within A Policy Framework***



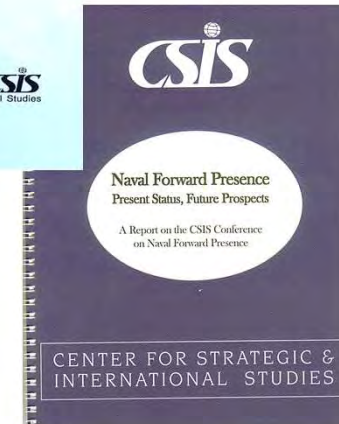
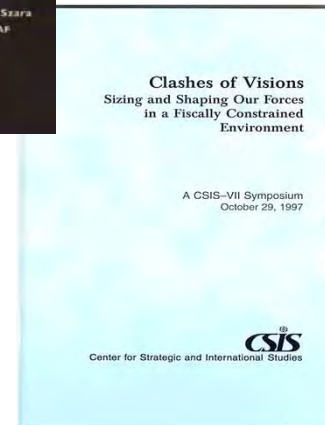
# Consensus Building Activities



***Congressional  
Conferences  
& Debates***



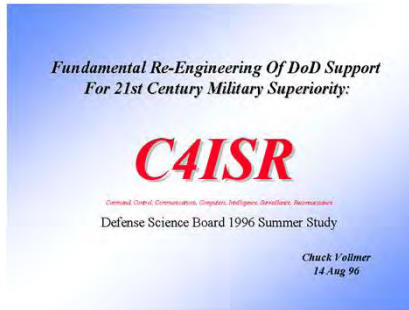
***Publications  
On National-Level  
Initiatives***



***Network With Key Government And Industry Decision Makers***

# Sample System-of-Systems Activities

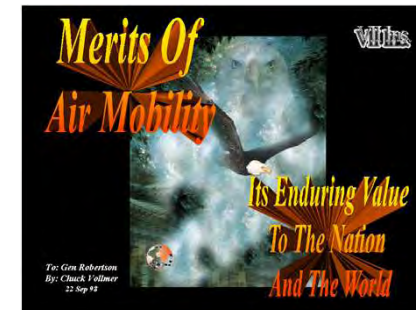
## *Defense Science Board*



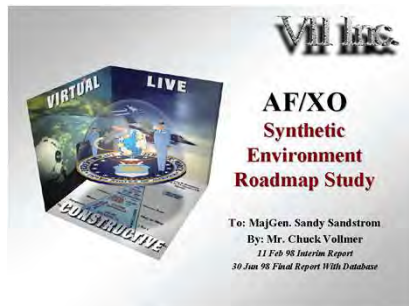
## *Air Force Future*



## *Air Mobility Future*



## *Modeling & Simulation*



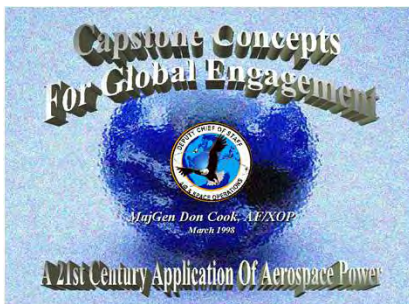
## *Title 10 Wargames*



## *Requirements Reengineering*



## *Operational Concepts*



## *Air & Space Integration*



## *Halt Phase Warfare*

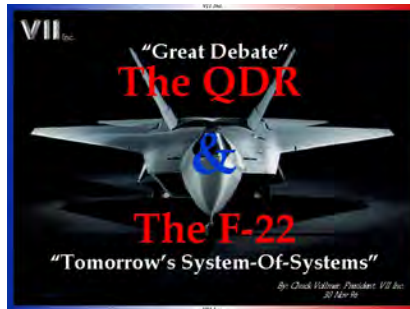


## *System-of-Systems Engineering Expertise On Major Programs*



# Sample Major System-Level Activities

*F-22 Raptor*



*Sensor Subsystems*



*Strike Fighter*



*Nuclear, Biological, Chemical*



*C4ISR*



*Unmanned Aerial Vehicles*



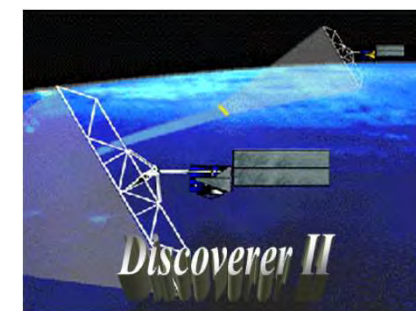
*Air Ground Surveillance*



*JSTARS*



*Satellites*



*International Joint Venture And Offset Program Experience*

# VII Inc. Middle East Efforts

## North Africa

- Algeria - Joint Operations Document (Northrop)
- Egypt - GCC Air Chiefs integration
- Malta/Libya - Natural gas proposal (Alchem)

## Gulf Cooperation Council Air Chiefs

- 5 Middle East Air Symposia
- 4 Information Technology Symposia
- 2 Understanding Islam Conferences
- Vision 2010, Missile Defense CONOPS, Regional Airspace Initiative

## UAE

- UAE Air Force & Air Defence Vision 2010
- Air Warfare Center
- Conferences
- Consulting
- C4ISR/IT/IO Services



## Israel/Palestine

- US Marketing Strategy for Israel Aircraft Industries
- Unmanned aerial vehicles
- Border security
- Gaza gas project
- Religious studies

## Jordan

- GCC Air Chiefs integration
- 4 Royal Court policy speeches

## Qatar

- Royal Court policy speeches
- Olympic Games support (proposed)

## Iraq

- Policy studies

## Sudan & Kashmir (ICRD)

- Reconciliation training

*Multi-National Initiatives And Consensus Building Emphasis*



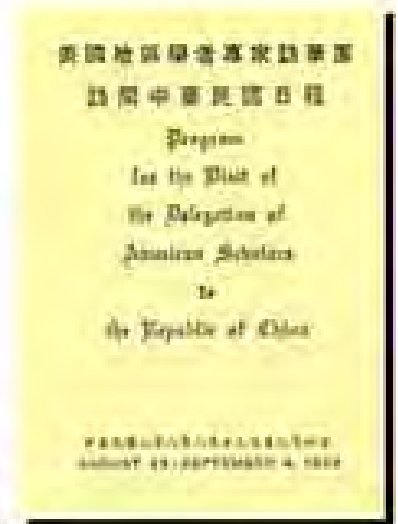
# International Diplomacy & Goodwill



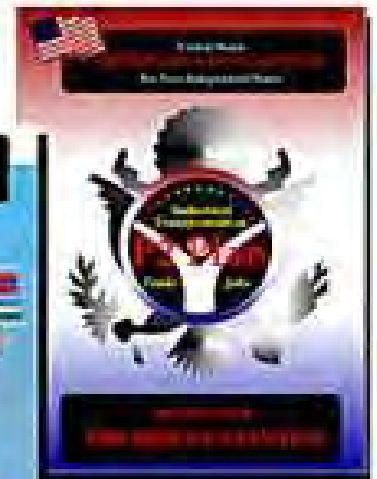
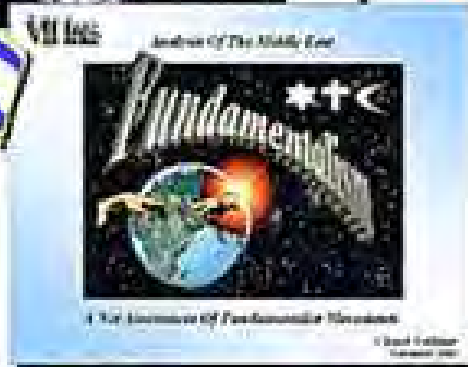
*Peacemaking Initiatives*



*U.S. Government Delegations*



*Cultural, Social, Religious Assessments*



*Privatization & Education*

*Collaboration With Leading International Diplomats*

# Arab Gulf Coalition Building Initiatives

## Middle East Air Symposia

### MEAS I

17-18 Oct 00, Abu Dhabi, UAE

### MEAS II A & B

8-9 Oct 01 (Postponed 9/11)

7-8 May 02, Abu Dhabi, UAE

### MEAS III

15-16 Oct 2003, Doha, Qatar

### MEAS IV

21-23 Feb 2004, Muscat, Oman

### MEAS V (Planned)

March 2006, Amman, Jordan

## IT Symposia

### CND I (Computer Network Defense)

3 Nov 01, Abu Dhabi, UAE

### CND II (Computer Network Defense)

13-14 Oct 02, Amman, Jordan

### IT Chief's Summit

21-26 Mar 2004

Shaw AFB, SC & Scott AF, IL

### NCO III (Network Centric Operations)

21-24 Jan 2006, Manama, Bahrain

## Cultural/Religious Symposia

### Fundamentalism

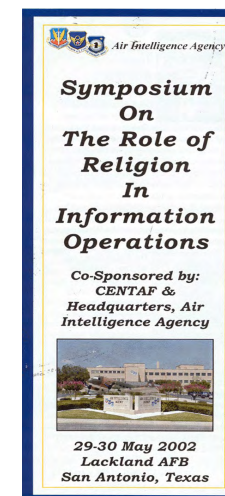
Oct/Nov 01: Shaw AFB, SC; Prince Sultan AB, Saudi Arabia; Lackland AFB, TX

### Role of Religion In IO

29-30 May 02: Lackland AFB, TX

### Cross Cultural Communications

5-7 Dec 05: Lackland AFB, TX



*Developing Bilateral And Multi-Lateral Coalition Initiatives*

# Why Are These Symposia Important?

## ■ Coalition Building

They provide an open forum and process to exchange ideas and concerns as well as an atmosphere conducive for **coalition building**

## ■ Descriptive

They **describe** current issues and challenges facing our coalition: OEF, OIF, Global War on Terrorism, Network Centric Warfare, C2ISR, Information Operations, Training, etc.

## ■ Prescriptive

They **prescribe** new initiatives that enhance coalition interoperability: Vision 2010, Air Warfare Center, Computer Network Defense Symposia, Integrated Missile Defense CONOPS, Air Chiefs Information Network (ACIN), AOC/CAOCs, HAT/CENTRIXS, Regional Airspace Initiative, etc.

*A Dozen Symposia Were Successfully Conducted Attended By Arab Presidents, Royalty, Defense Ministers, Generals And Admirals.*



# Cross Culture Communications Conferences

## Role Of Religion In Information Operations Conference

29-30 May 2002

*Lackland AFB, TX*

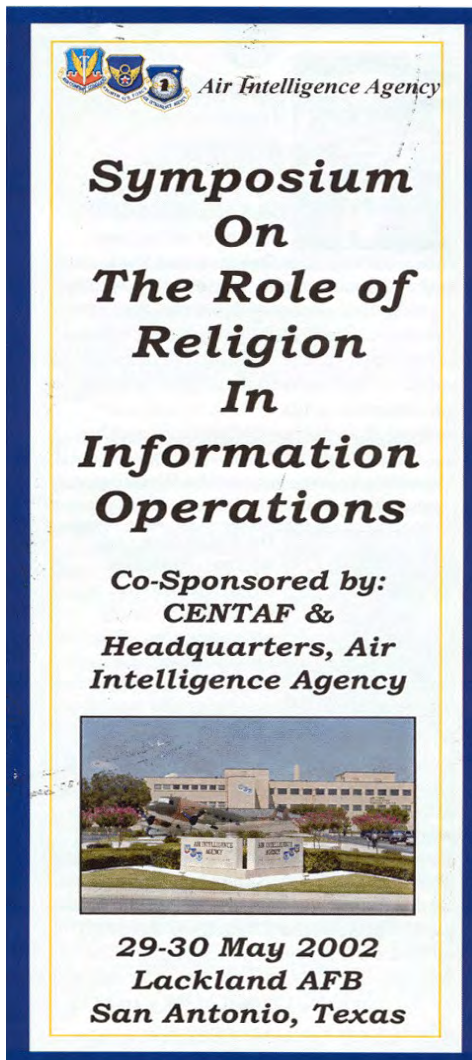
Arab Gulf Region

## Cross Culture Communications Conference

5-7 Dec 2005

*Planned*

*Lackland AFB, TX*

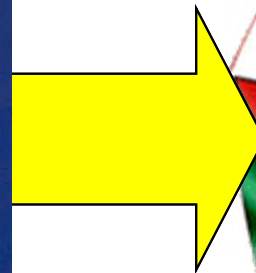


A poster for a symposium. At the top left are three logos: the Air Intelligence Agency logo, the CENTAF logo, and the Air Force logo. To the right of the logos is the text "Air Intelligence Agency". The main title is "Symposium On The Role of Religion In Information Operations". Below the title is "Co-Sponsored by: CENTAF & Headquarters, Air Intelligence Agency". At the bottom is a photograph of a large, modern building with a sign that says "AIR INTELLIGENCE AGENCY". Below the photograph is the text "29-30 May 2002 Lackland AFB San Antonio, Texas".

**Symposium  
On  
The Role of  
Religion  
In  
Information  
Operations**

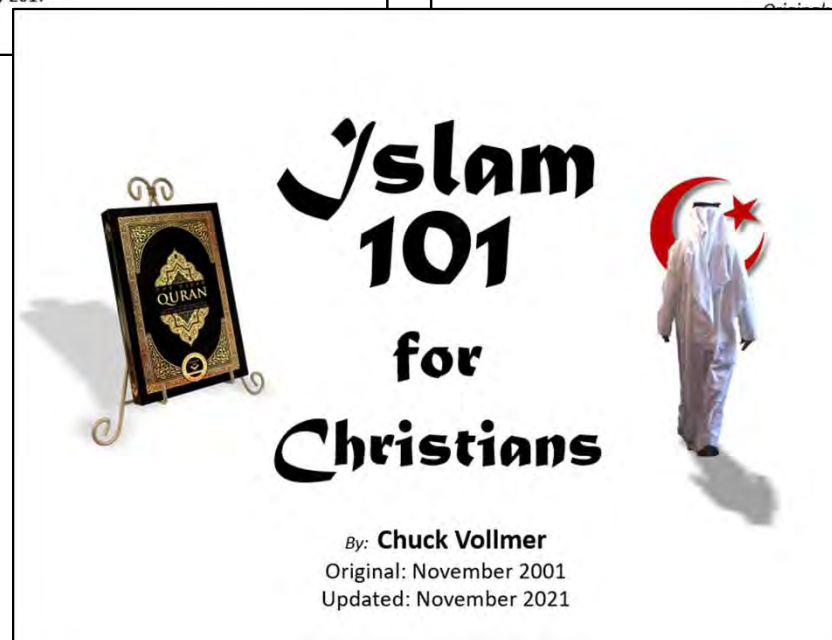
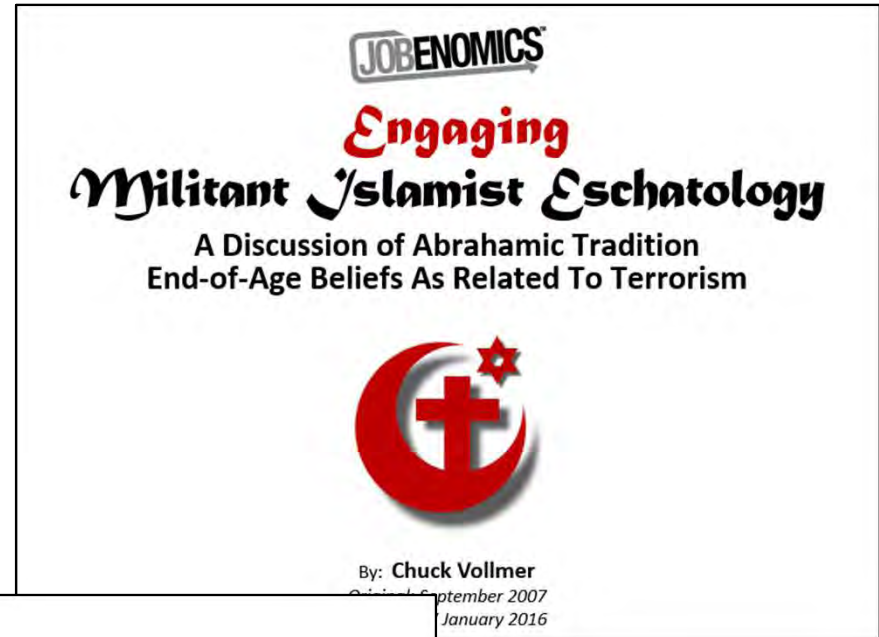
Co-Sponsored by:  
CENTAF &  
Headquarters, Air  
Intelligence Agency

29-30 May 2002  
Lackland AFB  
San Antonio, Texas



*Focus On Cross Cultural Communications With Arab Coalition Partners*

# Lecture Series On The Ummah & Islam



*Cultural Engagement Is Key To National And Homeland Security*



# Middle East Visioning & Strategic Plans

*United Arab Emirates*

*GCC*

*Jordan*



*Qatar*

*Algeria*

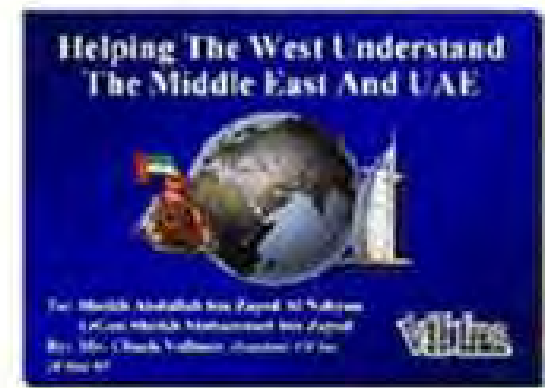
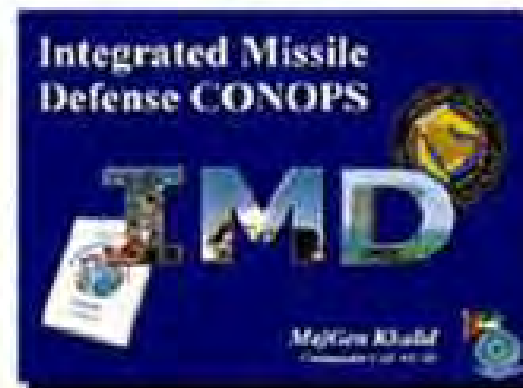
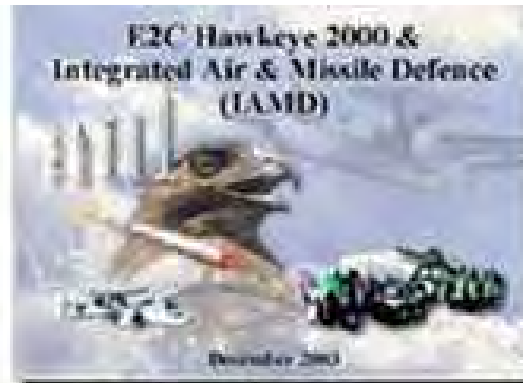
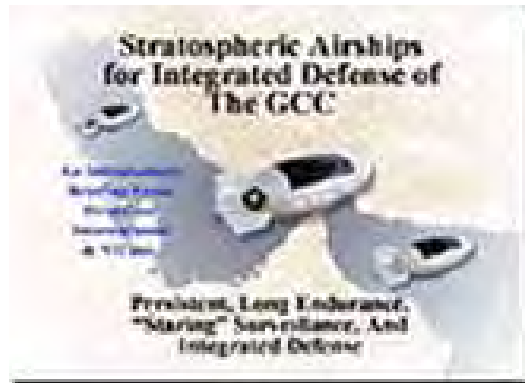
*Palestine*

*Israel*

*Helping Develop Intellectual Capital For Political And Military Leaders*



# MidEast Concepts Of Operations (CONOPS)

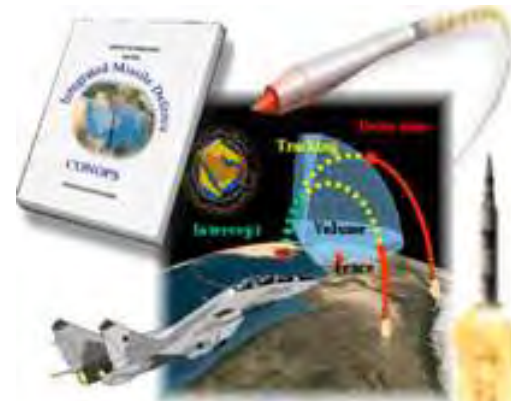


*System-Of-Systems Engineering*

# Other Arab Gulf Region Initiatives

## ■ **IMD Concept of Operations**

- VII developed the framework for an Arab Gulf Region integrated missile defence (IMD) concept of operation (CONOPS) for USCENTAF
- VII is developing an integrated air & missile defense (IAMD) CONOPS



## ■ **Regional Airspace Initiative (RAI)**

- VII developed the framework for an Arab Gulf regional airspace initiative



## ■ **High Altitude Airship (HAA)**

- US Missile Defense Agency is developing \$100M HAA prototype
- VII is helping Lockheed Martin & StratCom introduce HAA to the GCC



## ■ **Indigenous Counter-Insurgency Aircraft**

- Fourwinds' FX-210/250M
- Built in the MidEast



*These Initiative Emphasize Arab Gulf Self Defense And Domestic Security*

# MidEast Commercial Initiatives

## ■ UAE

- Baynuna General Trading Consulting & Planning
- Country-Wide Gas-To-Liquid (GTL) Project
- Abu Dhabi Ship Building GTL Project
- Dubailand Info-Structure Support
- Dubailand Business-to-Consumer System
- Abu Dhabi Tourism System
- Indoor Golf Academy
- BioVault & Biometric Access Control Systems
- Digital Surveillance Systems
- IT Import System & Support
- Computer Network Defense

- Position Dubai/Abu Dhabi/Al Ain for 2016 Olympic Bid
- Arab Olympic Magazine
- Set Up WOA Regional Office

## ■ Qatar

- Gas-To-Liquid (GTL) Project
- Event Management Center
- Asian 2006 Game Support
- Indoor Golf Academy

## ■ Jordan

- Computer Network Defense
- Border Security
- Aerospace Project
- Gaza GTL Project

## ■ Oman

- Gas-To-Liquid (GTL) Project

## ■ Bahrain

- Technology Park Project with CB Richard Ellis

*Developing Numerous Commercial Initiatives*



# VII & The Olympics



- Sequiam Sports/International Sports Marketing & Management (ISMM) Inc.
  - Is the World Olympian Association (WOA) major support contractor (Magazine, Website, Newsletter, Database)
  - Specialists in the Olympic Movement and last 10 games
  - World-class planners in eco-tourism, sports marketing, sponsorships, media, games, promotion and production
  - Team of world-class experts in integrated national, regional, domestic, cyber and physical security systems and services
- Athens 200, providing the biometric ID and access control system for the WOA's Olympic Reunion Center
- MidEast WOA Office
- Positioning MidEast for 2014 Asian Games And 2016 Olympic Summer Games Bid



***VII Is Working With The WOA On Olympic Security***

# Alchem Gas-To-Liquid (GtL)

*Converts Natural Gas To Diesel Fuel At The Wellhead*



*VII Inc. Is An Alchem Strategic Partner And Is Leading A Number Of US Government And Middle East Initiatives For Alchem Ltd.*

# Electro-Coagulation Water System

- Electro-coagulation that offers significant advantages for production of potable drinking water as opposed to reverse osmosis and distillation used for desalinization of sea water
  - 10X cost advantage
  - 5X facility and equipment advantage
  - 2X water usage advantage
- Pursuing military and Iraq reconstruction opportunities
- MidEast (Iraq) countries are interested in domestic water treatment applications



*Developing Security, Humanitarian & Commercial Applications*



# FX-210/250 Aircraft

- VII is assisting Four Winds Aircraft Inc., New Smyrna Beach, Florida, with the development, marketing and financing of the FX-210 & 250
- Possible applications include:
  - Commercial aircraft
  - Military aircraft
  - Unmanned aerial vehicles
- VII is also investing market opportunities for international opportunities

*FX-210 (In Production)*



*FX-250 (In R&D) Special Operations And Border Security Versions*



***FX-210 Sells For \$225,000, Cruises At 210 MPH And Gets 13 MPG***

# Biometric Access & Identification Systems



*Rapid Access Systems*



*Identification*



*Computer Access*



*Document Control*



*Access Control*

***Endorsed By National Rifle And Worldwide Olympians Associations (NRA & WOA)***

# Bahrain Technology Park Project

- Technology Park Project (*TECHpark*) concept: establishment of a solid base for diversified high-tech industries in the Kingdom of Bahrain.
  - Information Technology: Hardware, Software, Info-structure
  - Security: National, Homeland, Physical And Cyber
  - Telecommunications, Transportation & Logistics
  - Medical, Pharmaceuticals, Biotechnologies
  - Education & Training
  - Manufacturing
  - Energy
- *TECHpark* mission:
  - Form new industries in the region
  - Create unique competitive advantages in the region for technologies, processes, and management techniques
  - Optimize corporate environments for creating and sustaining highest growth ventures in global markets
  - Develop programs for management training with professional accreditation, industrial associations, women's roles, and quality management standards
  - Create manage, and divest (2-10 years) any international investments in regional companies for reparation



***VII Has Experience, In The Region, On Virtually All These Areas***