CAPABILITIES BRIEFING

January 2015
CORE CAPABILITIES

INTELLIGENCE TRAINING AND SOFTWARE ENGINEERING
- Software Engineering and Training Systems Development
- Intelligence Training
- UAS Technical and Training Services
- C4 Engineering
- Live-Virtual-Constructive and Range Instrumentation

CYBER SECURITY ENGINEERING
- Industrial Information Operations
- Enterprise Information Operations
- Force Protection Engineering

OPERATIONS AND TRAINING SERVICES
- Global Flight Training
- English Language Training
- Security Assistance Programs
- NASA Flight Operations

SCIENCE, ENGINEERING AND TECHNOLOGY
- Digital Missile Simulation
- Advanced Aerothermal Sciences
- Systems Architecture
- Enterprise Infrastructure Management
- Systems Engineering and Development
- Knowledge and Business Process Management
CORPORATE SUMMARY

- **OFFICE LOCATIONS:**
  - Huntsville, Alabama (HQ)
  - San Antonio, Texas
  - Lawton, Oklahoma
  - Pensacola, Florida

- **CUSTOMER/PROJECT EXPERIENCE:**
  - Army RDECOM
    - Software Engineering Directorate
    - System Simulation Development Directorate
    - Weapons Development and Integration Directorate
  - PEO C3T
    - Joint Battle Command-Platform
  - PEO Aviation
    - PM Unmanned Aviation Systems (JTC-SIL)
  - PEO Intelligence, Electronic Warfare & Sensors (PEO, IEW&S)
  - Joint Staff J-7 Exercises
  - Goodfellow Air Force Base - 315th Training Squadron
  - Pacific Air Forces, Osan Air Base, Korea Air Simulation Center
  - Air Force Agency for Modeling and Simulation (AFAMS)
  - Nellis AFB (505th CCW) - Combined Air Operations Center
  - National Training Center (NTC), Ft. Irwin
  - Joint Readiness Training Center (JRTC), Ft. Polk
  - Air Force Research Laboratory (AFRL)
  - Naval Air Systems Command (NAVAIR)
  - U.S. Army Forces Command (FORSCOM)
  - Fort Sill - FIRES Center of Excellence
  - Air Force Security and Assistance Training (AFSAT)
  - Royal Saudi Air Force
  - Iraqi Air Force
  - Afghan Air Force
  - NASA Armstrong Flight Research Center
CORPORATE SUMMARY (cont.)

We are a company of dedicated professionals focused on providing superior engineering, training, analytical and technology development services to our government and commercial customers on time and at the best possible value. We strive to be the small business employer of choice for innovators who seek an environment that is synonymous with excellence in service; where autonomy, collaboration, ingenuity and professional growth are emphasized; and where quality of life is recognized as being non-negotiable.

2014:
- Founding in December 2007, in Huntsville, Alabama
- Started with 3 employees supporting the Integrated Air and Missile Defense (IAMD) Program Office
- Staff of over 150 professionals
- Revenues in excess of $175 million since 2008
- Annual Growth Rate: 155% CAGR since 2008

i3’s growth and success is due to our employees. We offer no-apologies benefits and provide a professional work environment that seeks to attract the most qualified, career-minded operational and administrative personnel.
CORPORATE SUMMARY (cont.)

**ORGANIZATIONAL CHART**

- **CSE**
  - Shannon Allen
  - Matthew Hess
  - Jeff Scott
  - Matthew Hess
  - Maurice Webb

- **SET**
  - Danny Tollison
  - Gerald Russell
  - Rick Summers
  - Tim Mitchell

- **OTS**
  - Todd Daggett
  - Rocky Arrants

- **ITSE**
  - Charles Jacobs
  - Chris Taylor
  - Jack McGarry
  - Rob Willis
  - Steve Peterson

- **CORPORATE SUPPORT**
  - Matthew Stark
  - Gil de la Cerda
  - Marsha Wells
  - Lauren Lovell

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i3 International, LLC*
GreenTec-99, Inc.*

* i3 subsidiary
## CONTRACTS

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INTELLIGENCE TRAINING AND SOFTWARE ENGINEERING
COMBAT SYSTEMS SUPPORT

UAS AND ISR SYSTEMS AND SOFTWARE ENGINEERING

Systems Engineering
- Unmanned Aerial Systems (UAS) Simulations
- ISR Systems/Process Stimulation/Simulation
- Asymmetric Warfare Trainers
- Live, Virtual, Constructive Environments
- Distributed Training Environments
- Joint Exercise Planning and Support

Software Engineering
- Unmanned Aerial Systems (UAS) Simulations
- Distributed Common Ground Station (DCGS)
- ISR Systems and Architectures

Software Development
- Planning, Requirements, Design, Development,
- Testing and Integration
- C4ISR Interfaces
- Imagery Processes and Products
- Multi-INT Processes and Products

Integration, Testing and Support
- Joint Training Federations
  - JLCCTC
  - JLVC
  - ASCCE
  - RTE
  - NCTE
- Distributed Training Systems

Software Tools and Applications
- Network Tool Design and Development
- M&S-specific Trouble Shooting Tools
The Joint Technology Center/Systems Integration Laboratory (JSIL) provides trainers for joint commands and all services:

- **Multiple Unified Simulation Environment (MUSE)** – Army and Navy
- **Air Force Synthetic Environment for Reconnaissance and Surveillance (AFSERS)**
  - Virtual Reality UAS, ISR and Strike Simulation
  - Links to all Major Joint Wargame Simulations
  - Stand Alone or Embedded Flexible Training System
  - Extensible Tactical and Strategic ISR Architecture
  - Facilitates “Train as You Fight” Operations
  - Bridges Live-Virtual-Constructive Training

**AFSERS support for Blue Flag, Red Flag, Green Flag, Virtual Flag, and JTAC training:**

- **Nellis AFB**
  - Red Flag
- **Ft. Polk & Ft. Irwin**
  - Green Flag
- **Distributed Training Operations Center (DTOC), Des Moines**
  - JTAC & ISR&T
- **Distributed Mission Operation Center (DMOC), Kirtland AFB**
  - Virtual Flag & JTAC
- **Special Operation Training Center, Hurlburt AFB**
  - Blue Flag
INTELLIGENCE TRAINING

INTELLIGENCE, SURVEILLANCE, RECONNAISSANCE AND TARGETING (ISR&T) TRAINING SERVICES

ISR&T support to Goodfellow AFB
- Operation Lone Star (OLS) Multi-INT Capstone Exercise
- Distributed Common Ground System – Formal Training Unit RTE
- Basic All-Source Intelligence Operations (1N0) Course
- Basic Imagery Analyst (1N1) Course
- Advanced Intelligence Courses:
  - ISR Operations Course (IROC)
  - Analysis, Correlation & Fusion Course (ACF)
  - Combat Targeting Course (CTC)

Intelligence Training Network Support

**Goodfellow AFB** – Classified hardware and software support on over 4000 workstations across seven networks. UNIX authentication, Microsoft Best Practices, Information Systems Security Manager (ISSM) and Emissions Security (EMSEC) Manager.

**Yakota Air Base** - Implement, manage, and track base wide IA Awareness Program.

**Osan Air Base** - System Administration for Theater Battle Management Core System (TBMCS) network with six servers, 800 local workstations, and 119 workstations at 45 remote locations throughout the Korean peninsula.

**Hickam AFB** - Interconnection of multiple systems (ACE-IOS, SOCET, DCGS) with AFSERS for Terminal Fury.

**Hurlburt AFB** - Interconnection of multiple systems (ACE-IOS, SOCET, DCGS and other Imagery Analysis systems) with AFSERS for Blue Flag training exercises.
TRAINING SYSTEMS DEVELOPMENT

**MODELING AND SIMULATION**

**Software Engineering**
- Software Design, Development, Test and Fielding
- Character/Avatar Design and Modeling
- Scenario Design
- GIS Integration/Interface
- Virtual World Generation/Creation

**Virtual Simulations / Trainers**
- Interactive Air and Ground Training Systems
- Human Factors Virtual Prototyping
- All Digital Integrated Flight Simulation

**Gaming and Virtual Reality**
- High Fidelity Training Simulations
- Immersive Worlds and Scenario Generation
- VR Technology (HMD, Haptics, Audio, Video)
- Cave Automatic Virtual Environment

**ViPRS DEVELOPMENT AND SUPPORT**

The Vignette Planning and Rehearsal Software (ViPRS) allows users to rapidly design, build, and inject discrete deterministic scenarios into a simulated environment that represents the asymmetric conflict on today’s non-contiguous battlefield.

- Supports active duty units with the nearest real-time virtual training simulations based on National Asset Intelligence and Situational Awareness data.
- Proven, effective tool for training UAS crews prior to deployment to conduct combat operations in support of Operation Iraqi and Enduring Freedom.
- Facilitates the effective training for UAS crews in the areas of Crew Coordination, Rules of Engagement, Reconnaissance, Sensor Operations, and Threat Identification while flying in a simulated environment that accurately represents the unit’s future Area of Operations in theater.
- User-friendly interface with intuitive menus to facilitate the construction of high-fidelity scenarios.
UAS TECHNICAL AND TRAINING SERVICES

PM UAS Technical Initiatives
- Evaluation and Test of Alternate Data Links
- Integration of Developmental Payloads
  - EO/IR/SAR/GMTI/Hyper-spectral
- Software Systems Integration/Development
- Provide Warfighter Additional UAS Capabilities
  - CONOPs Development
- Provide Lab Based System-level Testing

Systems Engineering
- System Requirements Definition
- Architectural Diagram Development
- Risk Identification and Mitigation
- Trade Studies, Schedule management
- Plan, Execute, and Report on Developmental Flight Activities

Technical Programs
- FUSE (S&T) – Net-centric sensor tasking and utilization, Connects warfighter to OPS, providing real-time geo-registered FMV and archive data federation
- Shadow Digital Data Link - Establishes airborne network hub which enables comms to GCS via Raven DDL link
- Gray Eagle - Cross domain solution
- TIES – Type-2 Interim Encryption System
C4 ENGINEERING

C4ISR/BATTLE COMMAND SYSTEMS ENGINEERING

T&E and Engineering SME Services
• T&E Event Planning and Development (Operational and Technical)
• Army Acquisition T&E Strategy Development
• Army Interoperability Certification (AIC) Process and Milestone Requirement
• System of Systems Interoperability Test Threads
• Army Capability Set (CS) and Software Migration Programs
• C4ISR Test Network/Architecture/Environment Development and Resourcing
• FCS “Spin Out” Technology
• CTSF Operational and Test Planning
• T&E Master Planning (TEMP)
• FCS Technology Interoperability and Intra-operability
• NTC, JRTC and AWC L-V-C Training Architecture

C4ISR System Development, Integration, and Test Services
• Joint Battle Command (JBC) Program
• Blue Force Tracking- Aviation
• Army Airborne Command and Control System (A2C2S)
• Distributed Common Ground Station (DCGS)
• Army Battle Command System (ABCS)
• C4ISR Network Architecture SMEs
• Aviation C4ISR Systems Development and Evaluation
C4 ENGINEERING

C4ISR/BATTLE COMMAND SYSTEMS ENGINEERING

Aviation Systems Engineering Services
• Provide strategic technology analysis for airborne networking and battle command
• Coordinate product development strategies across multiple product offices
• Provide systems engineering support to subordinate product offices
• Develop strategic planning documents, guidance and briefings

Joint Battle Command-Platform (JBC-P) Program Support
• Systems and Network Engineering
  ➢ Requirements development and analysis from Family of Systems to individual products
  ➢ Implementation of Net-Ready guidance into JBC-P
  ➢ Use Case development and Sequence diagrams to support L2 requirements development
  ➢ Support integration and test efforts
  ➢ Research, Analyze and Implement new and existing technologies
  ➢ Support Major Milestone Reviews
• Systems Architecture
  ➢ Develop product and DoDAF compliant System Architectures
  ➢ Analyze Army and Joint Operational Architectures
  ➢ Research and Analyze Army and Joint Communications Transport mechanism
  ➢ Integrate JBC-P within Joint Architectures
  ➢ Define routing and data flow within JBC-P Architecture Develop
  ➢ Develop Architecture Documentation in support of Major Milestone Reviews
Airborne Battle Command (ABC) Field Service Representatives (FSRs)

**Field Services**
- System Maintenance and Sustainment Operations
- Unit to Program Office Liaison
- Deployment Preparation and Execution
- System Logistic and Maintenance Documentation/Records/Data Base Maintenance
- Maintenance Trend and Field Report Analysis
- System Inventory and Configuration Management
- Unit Sustainment Training

**Fielding/New Equipment**
- System Upgrades/Installation Support
- Delta/New Equipment Training Support
- Reset/Re Deployment/Depot Support
- Aviation Airworthiness/Platform Qualification Support
LIVE-VIRTUAL-CONSTRUCTIVE and RANGE INSTRUMENTATION

LIVE VIRTUAL CONSTRUCTIVE INTEGRATION
• Directed by Air Force to provide Live-Virtual-Constructive capability to simulate Unmanned Aircraft Systems
• Design / Develop / Integrate LVC into a distributed Nellis AFB-Fort Polk training network
• Close Air Support Training
  ➢ Joint Terminal Attack Controllers (JTACs)
  ➢ Joint Forward Observers (JFOs)
  ➢ Fighter and Bomber Crews
  ➢ Control and Reporting Centers (CRCs)
  ➢ Air Support Operations Centers (ASOCs)
  ➢ Combined Air Operations Centers (CAOCs)

RANGE INSTRUMENTATION

Integrated Tracking Module (iTracM)
• Highly Reliable,
• Man Portable,
• Meshed Data Network
CYBER SECURITY ENGINEERING
INDUSTRIAL INFORMATION OPERATIONS

NETWORK SECURITY
- Network Engineering
- Information Assurance
- Certification and Accreditation (C&A)
- Sensitive and Classified Network Support
- DoD DIACAP to DIARMF

NETWORK FORENSICS
- Computer and Network Forensics
- Enterprise Forensic Analysis
- Sensitive Data Recovery
- Network Incident Detection and Response
- Global Information Grid Expertise

COMMUNICATIONS SECURITY
- National, DoD, Army and Command COMSEC policy and doctrine

8570 CERTIFIED EMPLOYEES
ENTERPRISE INFORMATION OPERATIONS

INFORMATION ASSURANCE (IA)
- Threat & vulnerability assessments
- Risk management methodologies
- Mitigation strategies
- Concepts of Operations
- Continuity of Operations/business
- Security Management
- Personnel Security
- Policy development and enforcement

VIRTUALIZATION
- Private, Secure Cloud Technology
- Platform Virtualization
- Application Virtualization
- Modeling and Simulation Clouds
- Systems Integration
- Engineering and Design
- Software Engineering

QUALITY ASSURANCE
- Requirements Analysis
- Software Test
- Configuration Management
- Process Design
- Independent Verification and Validation (IV&V)
ENTERPRISE INFORMATION OPERATIONS

ENTERPRISE ARCHITECTURE

- Information & Cyber Security
- Security Enterprise Engineering
- Critical Mission Support
- Intrusion prevention, detection and response
- Enterprise Physical Security Systems
- Information Assurance Policy
- Computer and Network Forensics
- Site Survey, Design, Installation, Test, and Training
- Intrusion Detection, Access control and CCTV systems
- Information Operations
- Risk Analysis
- Knowledge Management/Discovery

NETWORK OPERATIONS

- Enterprise Network Architecture & Engineering
- Network Operations Centers
- Voice, Data, Imagery Integration
- IPv6 Engineering & Transition
- Continuity of Business Planning
- Life Cycle Systems Support
- TACLANE/FASTLANE Crypto Training/Support
- RF Transport Systems Engineering
FORCE PROTECTION ENGINEERING

SECURITY SOFTWARE DESIGN, DEVELOPMENT AND ENGINEERING

Air Force Research Lab (AFRL) Integrated Defense Technologies Group
- Software Architecture Design
- Database Design and Development
- Distributed Process Architecture
- Software Development Process Management
- Configuration Management
- Software Design Documentation
- SIPR Certification Requirements
- User Requirements Development
- Software Test Plans
- Software Site Installation and Training
- Defense Information Assurance Certification and Accreditation Process (DIACAP)
- Software Development
FORCE PROTECTION ENGINEERING

ANTI-TERRORISM TRAINING AND SUPPORT SERVICES

USAF Security Forces Center
- Risk Assessment Support
- Risk Assessment Training
- CONUS and OCONUS Training Support
- Risk Assessment Tool Development
- Training Course Process and Instruction Development
- Comprehensive Instruction Services
- Post-Training Support and Consultation

RISK MANAGEMENT PLANNING AND ANALYSIS

Integrated Defense Risk Assessments
- Risk Data Collection and Analysis
- Defense Planning Cell Coordination and Briefings
- Terrorist Options Assessments and Planning
- Installation, Facility and Personnel Security and Safety
- Security Engineering Training
  - Building Assessments
  - Barrier Blast Resistance
  - Threat Weapon Effects Mitigation
  - Threat Mitigation Strategies Development
- Emergency Management
  - Contingency Planning
  - Terrorism Incident Response
TRAINING SERVICES

QUALITY COMMITMENT

i3 is Completely Committed to Quality and Safety.....Delivering the Highest-Quality, Customized Training Solutions Across a Broad Technical Spectrum

- i3 has the integrated training systems and operational support capabilities that are most often seen within large companies........BUT
- i3 has proven the ability to deliver with much greater speed, agility and responsiveness to meet growing RSAF training requirements.
- The i3 instructor cadre is composed of highly experienced ASAF, USMC, USA and USN military instructors and master aviators with extensive international training experience.
- i3 instructors possess a wide variety of military RW and FW flight, simulator and test pilot experience, including F-16, F-15, F-5, A-10, C-130, B-52, B-1, AH-64, OH-58, MD-530, CH-47, UH-60, UH-1, Mi-17, Mi-35 and TH-67.
- i3 instructors have vast experience implementing flight and maintenance training programs in accordance with U.S. government (Army Flight School XXI, USAF IFT, USAF UPT, USAF IFF and FAA) and international (ICAO and JAA) standards.
- Our safety, standardization, and training programs meet and exceed FAA, NTSB, and TSA requirements.

Average Flight Time Stats:
>4,000 hrs

Average IP Time Stats:
>1,500 hrs

Safety Stats:
100% incident free (just passed 1,000 flight hours in Afghanistan in 6 months.)

CERTIFICATE
TUV Rheinland of North America, Inc.
1300 Massachusetts Avenue, Burbank, MA 01710

Hereby certifies that

An audit was performed and documented in Report No 3507.
Proof has been furnished that the requirements according to ISO 9001:2008 are fulfilled.

Further clarification regarding the scope of this certificate and the applicability of ISO 9001:2008 requirements may be obtained by contacting TRNA.

Certificate Registration No.
74 300 3507

Certificate Validity Date:
November 3, 2011

Certificate Expiration Date:
November 2, 2014

Integration Innovation INC
689 Discovery Drive Building 1
Huntsville, AL 35806

has established and maintains a quality management system for the
Provider of Business and Technical Support Services for systems and software engineering, operations and training, IT, C4 systems and international security services

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74 300 3507
GLOBAL FLIGHT TRAINING

Aviation Training Operations and Support
• Fixed Wing Training Operations and Support
• Rotary Wing Training Operations and Support
• Aviation Ground School Academic Instructional Services
• Undergraduate-level Flight Training (Kirkuk, Iraq)
• T-6 Flight Training Program (Tikrit, Iraq)
• ANAAF Introductory Flight Training (Stinson)
• ANAAF Instrument Flight Rules (IFR) Training (Stinson)
• AAF Flight Training School (Shindand)
• Flight Simulation Training and Instruction Support
• Curriculum Development
• Non-rated Crew Member Training
• Comprehensive Student Management

Aviation Maintenance and Aircrew Training
• Mi-17 and Mi-35 Maintenance Training
• Platform Instructors, OJT Instructors and Instructor Pilots
• FW and RW Aircrew Training
• Loadmaster and Flight Engineer Training

Technical Support
• Aviation Systems Engineering and Integration
• Engineering and Analysis in Support of Aircraft Systems
• Software Requirements Analysis, Development, Integration and Test
• Unmanned Systems Engineering and Analysis
• Program Management
• Verification, Validation and Accreditation Processes
• Modeling and Simulation

Aviation Logistics Management
• Aviation and Ground Maintenance Management and Logistics SMEs
• Logistics Automation, Decision Support Systems, Programmatics and Requirements Development
• Life Cycle Management
GLOBAL FLIGHT TRAINING

MILITARY AND ALLIED PROGRAMS

• Strict focus on military flight training programs.
  ➢ ZERO integration with Part 61 or 141 civilian training programs.
• Syllabi and CTS are constructed in identical manner to that of AETC flight training programs while complying with applicable FARs.
  ➢ Instructor staff is salaried and scheduling practices emphasize the importance of pre-flight briefings and post-flight debriefings in the overall learning process.
    o Zero hourly staff & Zero compensation based on Hobbs Meter.
• Student management policies closely reflect that of AETC personnel guidance.
• Safety, Standardization, and Training programs meet and exceed FAR, NTSB, and TSA requirements to mirror that of AETC.
• Proactive Operations Supervision and ORM program that mirrors that of AETC.
• All aircraft are identical configuration.
Our ITS Business Unit focuses on supporting the training requirements of the Security Cooperation Education and Training (SCETC) mission of the U.S. and its allied partners:

• Corporate expertise and agility to support these missions via a Direct Commercial Sales (DCS) contract with the international military organization or a U.S. Government contract funded by a Foreign Military Sales (FMS) case.

• Our ITS staff stays abreast of industry leading edge training and education methodologies and combine those tools with proven best practices to offer our customers:
  ➢ Training Program Management
  ➢ Training Needs Assessment & Front-End Analysis
  ➢ Curriculum Development
  ➢ Training Delivery
  ➢ Training Evaluation
Our ELT Program offers our International customers options tailored to meet the English Comprehension Level (ECL) requirements:

- Capability to provide the Defense Language Institute (DLI) American Language Course (ALC) via a Non-Resident (NR) program in one of our CONUS training locations or at OCONUS locations.
- Provide a customized ELT program utilizing a combination of commercially available products to meet the ECL requirements of the international customer.
- Develop a Blended Language Training program specifically tailored to the customer’s ECL requirements that utilize both DLI ALC and COTS products. This option could include:
  - International Civil Aviation Organization (ICAO) Aviation English Language (AEL) training
  - Interactive Multimedia Instruction (IMI)
  - ELT immersion and proficiency sustainment exercises
SECURITY ASSISTANCE PROGRAMS

International Training Center of Excellence
• Former USAF or USN Installation, capable and experienced in supporting military training aircraft (Cessna, T-6, Tucano, F-5, F-15, F-16) operations
• Multiple runways of at least 10,000 ft.
• Available hanger and training classrooms
• Available MOAs and Ranges
• Year around flying weather
• Safe training and living environment

Complete “Turn Key” Program
• English Language Training (ELT)
• Initial flight Screening (IFS)
• Undergraduate Pilot Training (UPT) Basic (Wings)
• Advanced Jet Training
• Fighter Lead-In (FLI)
NASA FLIGHT OPERATIONS

NASA – DRYDEN FLIGHT RESEARCH CENTER

DFRC – Edwards AFB, CA
Dryden Aircraft Operations Facility (DAOF) – Palmdale, CA

- Pilots and Flight Crews
  - Flight Research Operations
  - Aviation Technology Development and Integration
  - Space Exploration Concept Validation
  - Airborne Remote Sensing
  - Airborne Science Missions
  - International Space Station Support

- Flight Operations Support
  - Aircraft manuals and flight planning
  - Functional and Operational Checks
  - Aircraft Operational Readiness Reviews
  - Center and Agency platform, research and support aircraft requirements

Research Aircraft
- C-20 / Gulfstream-III & Gulfstream-II
- ER-2 (NASA version of U-2)
- Boeing 747SP (SOFIA)
- DC-8
- Beechcraft King Air B200
- T-34
- TG-14
- RQ-4 Global Hawk
SCIENCE, ENGINEERING AND TECHNOLOGY
DIGITAL MISSILE SIMULATION

DIGITAL MISSILE SIMULATION
• Six-degree-of-freedom (6DOF) simulation, modeling, and Verification and Validation (V&V)
• Pre- and Post-flight analyses in support of test activities and current military operations
• Implements high fidelity models of guided and unguided missile and rocket engagements including relevant environmental phenomena such as atmospherics, launch platform interactions, and sensor stimuli

VARIOUS SYSTEMS
• Hydra-70 family of rockets
• Hellfire and Javelin guided munitions
• Joint Air to Ground Missile (JAGM)
• Advanced Precision Kill Weapon System (APKWS)
ADVANCED AEROTHERMAL SCIENCES

• Thermal protection system technologies
• Hypersonic aerothermodynamics
• Thermostructural analysis
• Seeker windows and domes (RF/IR)
• Weather encounter technology
• Environmental extremes effects on missile components
• Propulsion system technology (nozzle/motor thermostructural design)
• Electronics thermal management
• Fire protection technology
• Aerothermal ground test and evaluation
• Flight test and evaluation
SYSTEMS ARCHITECTURE

SYSTEMS ARCHITECTURE AND ENGINEERING

Army Integrated Air and Missile Defense (AIAMD) Program Office (PO) Support

- System of Systems Architecture
- Department of Defense Architecture Framework (DoDAF)
- System of Systems Requirements Specification
- Information Support Plan Development
- Communications Architecture
- Interoperability across all common functions, including:
  - Defense Planning and Design
  - Battle Monitoring and Control
  - Network Interface and Management
  - Engagement Decision and Monitoring
  - IBCS Plug and Fight (PnF) Kit to Legacy Weapon, Sensor and Systems
  - Intra-Army Interoperability
  - Joint Forces, Coalition, Allied and non-DoD external agencies
- Supporting the IAMD Architecture Coordination of:
  - Army
  - Joint
  - Interagency
  - Intergovernmental
  - Multi-National Architectures
ENTERPRISE INFRASTRUCTURE MANAGEMENT

Cloud Computing
• Strategy
  • Assessment, ROI, Roadmap, Technology Decisions, Data Models
• Cloud Computing Infrastructure
  • Virtualization, Network, Operations
• Cloud Computing Analytics
  • Big Data, Business Intelligence, Intelligence & Operations Analytics

Cyber Security
• Architecture
• Information Assurance
  • IA Systems Security Engineering: CISSP, CEH, etc
  • IA Certification and Accreditation
• Cyber Operations

NET Operations
• Operation Management
• Facilities Management
SYSTEMS ENGINEERING AND DEVELOPMENT

Architecture and System Design

• Application Development
  • Microsoft .NET, SharePoint, Java, Cognos, Mobile Development, Agile

• Service Oriented Architecture
  • Service Design, Development, Deployment and Sustainment

• Systems and Software Process Improvement

• Data Management and Layer Integration
  • Data Architecture & Governance

IT Strategy and Innovation Technology

• Enterprise Architecture (EA)
  • DoDAF, C4ISR, Zachman, the Federal Enterprise Architecture (FEA), etc.

• IT Portfolio Management (IT PfM)

• Data Strategy and Integration

• Cloud Computing

• Organization and Governance
KNOWLEDGE AND BUSINESS PROCESS MANAGEMENT

Knowledge Management
• Knowledge Base
• Content Management
  • SharePoint Design, Development
• Record Management

Business Process Operations
• Program Management (PMO)
• Business Architecture, Integration and Strategy
• Capability Development

Business Process Management
• Business Process Modeling
• Business Process Engineering
• Policies and Governance
• Capability Development
# CONTACT INFORMATION

**HEADQUARTERS:**
Integration Innovation, Inc. (i3)
689 Discovery Drive
Building 1, 5th Floor
Huntsville, AL 35806
Tel: (256) 513-5179, Fax: (256) 971-2951
Website: [www.i3-corps.com](http://www.i3-corps.com)

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mike Wicks</td>
<td>Chief Executive Officer (CEO)</td>
<td>(256) 513-5179 ext. 2002</td>
<td><a href="mailto:mike.wicks@i3-corps.com">mike.wicks@i3-corps.com</a></td>
</tr>
<tr>
<td>William R. Looney</td>
<td>President</td>
<td>(210) 807-6474</td>
<td><a href="mailto:bill.looney@i3-corps.com">bill.looney@i3-corps.com</a></td>
</tr>
<tr>
<td>Walter Strankman</td>
<td>Chief Operating Officer (COO)</td>
<td>(256) 513-5179 ext. 2004</td>
<td><a href="mailto:walter.strankman@i3-corps.com">walter.strankman@i3-corps.com</a></td>
</tr>
<tr>
<td>Joseph Summers</td>
<td>Executive Vice President – Corporate Development</td>
<td>(256) 513-5179 ext. 2018</td>
<td><a href="mailto:joseph.summers@i3-corps.com">joseph.summers@i3-corps.com</a></td>
</tr>
<tr>
<td>Adam Harper</td>
<td>Executive Vice President – Strategic Capture</td>
<td>(256) 513-5179 ext. 2003</td>
<td><a href="mailto:adam.harper@i3-corps.com">adam.harper@i3-corps.com</a></td>
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