



# Corporate Capabilities

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2017



# Summary

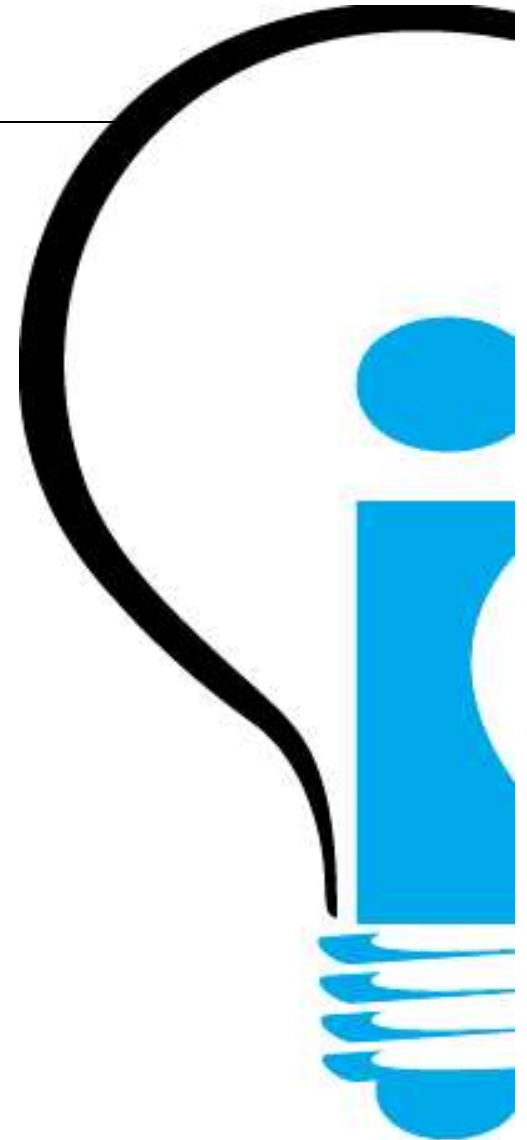
Thomas Edison stated, "*there's a way to do it better – find it.*"

*intelliSolutions* is 3<sup>rd</sup> party certified as a Woman-Owned Small Business (**WOSB**)\*.

Founded in 2006 in San Diego, CA, *intelliSolutions* provides **subject matter expertise (SME), Engineering, and Program Management** support to Department of Defense commands including **PEO C4I, NAVSEA, SPAWAR and SPAWAR Systems Center Pacific**, to facilitate delivery of the best systems to our military.

Our employees are vested in our performance based upon our **Employee Ownership** and an **agile** corporate culture which emphasizes **innovative thinking** and **customer responsiveness**.

\**intelliSolutions* is third-party certified by the U.S. Women's Chamber of Commerce as an WOSB



# Overview

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WOSB

DCAA Approved Accounting System








Cleared Facility

Experienced, Educated, and Cleared Workforce

- Over half of firm with prior military experience
- Years of experience supporting Team SPAWAR
- Over 90% Cleared Personnel (Secret and Above)



# Customers

|  |  |   |   |
|--|--|---|---|
| <b>PEO C4I</b>   |  | <b>PEO Space</b>  | <b>NAVSEA</b>   |
| PMW 150  | PMW/A 170  | PMW 146   | PMS 485   |
|   |   |   |  |
| PMW 750  | PMW 770  | <br><b>Systems Center<br/>PACIFIC</b> |   |
| <b>PMA/PMW-101</b>   |  |   |   |
|  |  |   |   |



# Technical Strengths

## **Integrating** systems

- Test and Evaluation
- Interoperability
- Systems Engineering
- Software Engineering

## **Moving** information

- Satellite Communications
- Maritime Surveillance
- Tactical Data Links

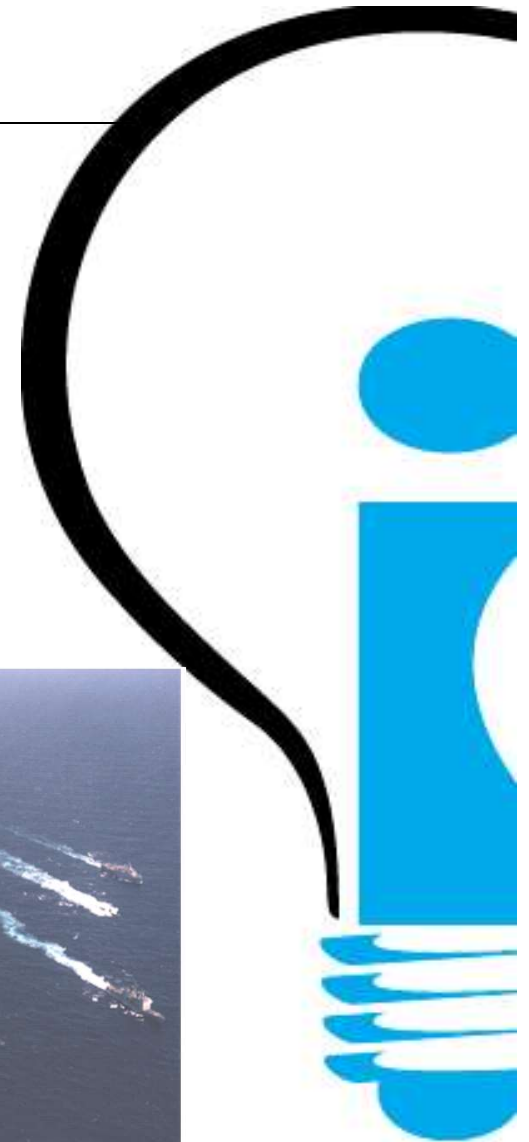
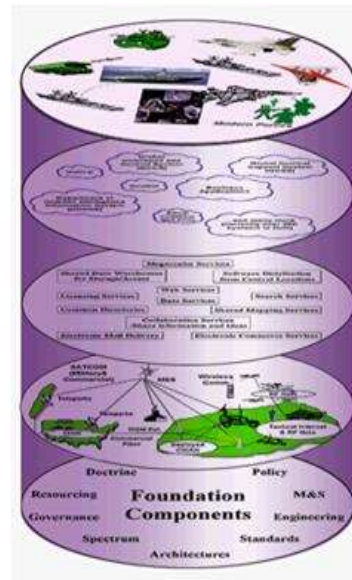


## **Securing** systems

- Information Assurance
- Cyber Defense Technology

## **Empowering** leadership

- Program Management Support
- Acquisition Process Flow and Efficiencies
- Technical & Engineering Support



# Why IntelliSolutions?

## Extensive Experience and Outstanding Past Performance

- Celebrating eleven years of continuous support to Navy acquisition agencies in SME, Engineering, and Program Management

## Technical Experience with Acquisition, Operation, and Maintenance of C4I systems

- Engineering:
  - Expertise to understand “what the Fleet is saying” and provide responsive Systems Engineering
  - SMEs in Satellite Communications, Tactical Data Links, Undersea Communications, and Maritime Domain Awareness.
  - Full spectrum engineering service support for Requirements and Specifications Development, Systems Engineering Plans, SETR support, CONOPS development, analysis and assessment of Advanced Concept technologies.
  - Software engineering support for system development, test, and sustainment
- Program Support Services
  - Analysts ensure effective and efficient use of government resources for acquisition
  - Team players with years of experience supporting C4I programs
  - Acquisition document development, integrated Scheduling, installation programming & planning, and administrative & front office support





# Why IntelliSolutions?

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Agile and Responsive Management structure aligned with Government COR interests

- Implemented Standard Operating Procedures to understand and meet client expectations and minimize ambiguities
- Corporate quality control oversight for all Projects and Programs ensuring the right deliverables the first time
- Proactive approach to measuring and improving Program performance through metrics, enabling executive decision-making
- Help government and primes to meet WOSB and small business set-aside requirements while providing outstanding support
- A WOSB, with a Sole Source capability for up to \$4M for Services



# Contract Vehicles

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## Seaport-e

- Small Business Prime in all 7 Zones

## SPAWAR Systems Center Pacific Code 591 C4ISR Engineering Support Services (ESS)

- Multiple Award IDIQ Contract

## GSA Professional Support Services (PSS) schedule holder

intelliSolutions is a key teammate to multiple primes, helping them fulfill their small business goals while providing high quality personnel in a cost effective way.

- Booz Allen Hamilton
- SAIC
- Sentek
- STF
- SBG Technology Solutions
- Northrop Grumman
- KES





# Capabilities and Key Focus Areas

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# Program and Acquisition Support

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## Program Management Support

- Acquisition instruction compliance
- Document development
- Integrated schedule development and maintenance
- Installation programming and planning

## Program Engineering

- Requirements and Specifications development
- System Engineering Plan
- Systems Engineering Technical Review (SETR) support
- CONOPS development and review

## Administrative & Front Office Support



# Systems Engineering

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Installation Design and Execution

SOVT Design and Execution

Communication Architecture Design and Test

Architecture Development

System and Interface Requirements Analysis and Documentation

Requirements Traceability Management

Human Machine Interface Analysis

Warfare System Test Bed Design

Testing



# Software Engineering

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## Software Engineering Development

- Requirements analysis and traceability management
- Preliminary/detailed design, development of software applications
- Testing: Unit, integration, Formal Qualification
- Development of technical documents in accordance with ISO 12207 standards including

## Continuing Software Support activities, including:

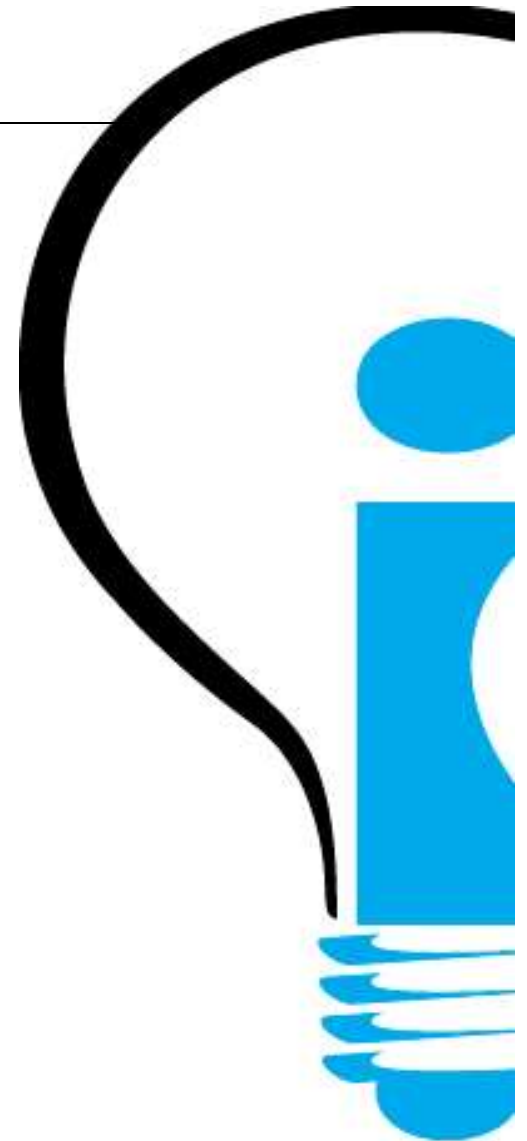
- Evaluation, analysis, and implementation of Change Requests for software and documentation
- Documentation updates
- Database programming and updates
- Evaluation, analysis, development and testing of software in a Virtual Machine (VM) environment, including network timing, architecture, and connectivity analyses

Implementation of IA and Application Security STIG requirements,

SEI/CMMI process improvement

## SQL database design and development:

- Replication implementation, Stored procedures , Triggers, Script development, Setup and configuration, Optimization



# Satellite Communications

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## Technical Assistance

- Support services for PMW 170 SATCOM and PMW 146 MUOS systems
- Document and Integrated schedule development & maintenance
- Technical representation and coordination with Navy system integration organizations & commands, and SPAWAR & PEO C4I Configuration Control Boards
- Providing real-world satellite casualty restoral recommendations for shipboard and shore communications nodes

## Fleet In-Service Engineering

- Requirements and specifications development
- System Engineering Plan & CONOPS development and review
- Systems Engineering Technical Review (SETR) support

## In-Service Risk Management

- Conversant in SSC Pacific PR-RSKM-01 v1.0 Risk Management Process
- Risk Assessment Development Using Risk Management Guide for DoD Acquisition



# Tactical Data Links

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## Administration

- Project Management & Administration Services support

## External Source Interoperability Services

- Technical Analysis for TDL Message Implementations
- Interface Interoperability and Standardization Analysis, Assessments, & Recommendations
- Development & Administration of the iSMART Systems Engineering Process

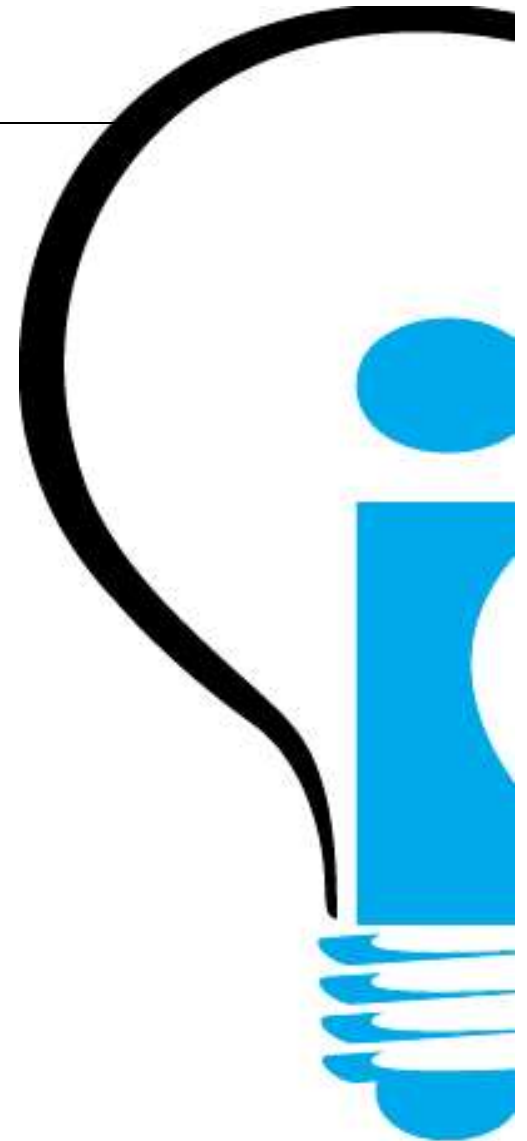
## Training

- Training Support to Multinational Network Design Facilities, including FMS Case Requests
- Provided Updated Course Material for FMS Training on Design/Test/Implementation of Complex Link 16 Network

## Network Design Facility

- Designed Link 16 Networks using the Joint Network Design Aid (JNDA)
- Supported Link 16 Network Development, Documentation, & Platform Load File Generation

MTMD (Maritime Theater Missile Defense) Battle Management C4I Working Group Technical Support



# Maritime Surveillance

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## Program Management, Technical, & Engineering Support to PMS 485

- Support PMS 485 Mission to Provide Undersea Surveillance Systems to the Fleet
- Systems are comprised of Fixed Systems, Mobile Systems such as SURTASS, and Distributed Sensing Systems
- Assist in Analysis & Assessment of Advanced Concept Hardware and Software products

### Areas of Interest:

- Sensors
- Signal Processing
- Display & Visualization
- Communications

