SPAWAR
Systems Center
ATLANTIC

Space and Naval Warfare Systems Center Atlantic

Navy and Federal Support Portfolio

Information Dominance Today and Tomorrow

Presented to:
Charleston Defense Contractors Association
Small Business and Industry Outreach Initiative
39th Symposium
17 March 2016

Presented by:
Jacqueline L. Goff
Business Portfolio Manager
Navy and Federal Support

Statement A: Approved for Public Release. Distribution is unlimited (17 March 2016).

SPAWAR Systems Center ATLANTIC

Navy and Federal Support Portfolio Overview

Mission

Leverage the latest in information technology to equip Navy and federal customers with secure, reliable systems that are affordable across the life cycle and unmatched by others in providing information dominance, command and control, greater efficiencies, and enhanced ability to execute their mission.

Vision:

Engineer IT solutions that matter to the Warfighter and nation.

Top Customers ($)

- TRICARE Management Activity
- U.S. Air Force Air Combat Command
- Defense Logistics Agency (DLA)
- Defense Advanced Research Projects Agency (DARPA)
- NAVAIR and PEOs
- Defense Information Systems Agency (DISA
- Other Army
- Naval Installations Command
- Headquarters Marine Corps
- Bureau of Medicine and Surgery (BUMED)

Sub-Portfolios

- Discovery & Invention
- Special Reconnaissance, Surveillance, & Exploitation
- Health Systems
- DISA Enterprise & Gateway Solutions
- Business Solutions
- Air Traffic Control
- DLA Systems and Applications
- Force Protection Solutions
- Command & Operations Centers

Statement A: Approved for Public Release. Distribution is unlimited (17 March 2016).

SPAWAR Systems Center ATLANTIC

Navy and Federal Support Portfolio Overview

Key Products and Services

- Electronic and Physical Security And Anti-terrorism Solutions
- Command and Control Systems
- Reconnaissance, Surveillance, & Exploitation Technologies
- Command and Operations Centers Engineering
- Satellite Communications and Gateways
- Naval Research, Development, and Technology Transition
- Aviation Command and Control Systems Military/Federal Air Traffic Control Systems
- Automated Military Fuel Management Systems
- Military Health System Applications, Infrastructure, Data Management
- Navy Reserve Personnel Management and Web Portal Solutions
- Veterans Benefit Claims Processing Solutions
- DoD Travel Assistance Center Management And Operation
- Logistics and Acquisition Systems
- DoD Integrated Electronic Health Record Engineering
- Cyber Forensics
- Information Assurance
- Cybersecurity
- Big Data Analytics
- Mobility Solutions

Statement A: Approved for Public Release. Distribution is unlimited (17 March 2016).

Navy and Federal Support Portfolio Organization – IPT Structure

SPAWAR Systems Center ATLANTIC

Deputy Portfolio Manager
Christina Larussa-Martin

Navy and Federal Support Portfolio Manager
Jackie Goff

Deputy Portfolio Manager
Kevin Gerald

Executive Assistants
Jackie Holcomb / Crystal Potts

Portfolio Systems Engineers
Norris Mitchell / Suzanne Huerth

Business Financial Manager
Mike Connor

Business Analyst
Robert Taylor

Defense Logistics Agency Systems & Applications
Philip Bailey

- Automated Fuel Handling
- Electronic Leak Detection
- Sensor Monitoring & Analysis Support

Force Protection Solutions
Ed Layo

- Naval Anti-Terrorism/Force Protection
- Presidential/Joint Systems and Applications
- USMC Electronic Security Systems
- DoD OCONUS Electronic Security Systems
- Naval Enterprise Solutions

Command & Operations Centers
Don Barber

- Naval Command & Operation Centers
- Joint Command & Operation Centers
- Joint Europe Support

Discovery & Invention
Dennis Hager (A)

- Defense Advanced Research Projects Agency (DARPA)
- Naval Innovative Science & Engineering (NISE) 219
- Office of Naval Research (ONR)/Other S&T

Special Reconnaissance, Surveillance, & Exploitation
Christine Purdy

- Solutions in Identity Management
- Air & Space
- National Security Agency - Signals Intelligence (NSA SI)
- Joint Special Reconnaissance, Surveillance, & Exploitation (SRS&E)
- Software Analysis & System Security Engineering

Health Systems
Don Oswalt

- Medical Information Delivery (MID)
- Defense Health Clinical Systems
- Health Systems Infrastructure (HSI)
- Navy Medicine (NAVMED)
- Health Systems Security Engineering (HSSE)
- Joint Information Assurance Services (JIAS)
- Defense Health Readiness Engineering
- Clinical Infrastructure Modernization (CIM)

DISA Enterprise & Gateway Solutions
Cathy Young

- Joint Satellite Communications (SATCOM) & DISA Gateway
- DISA Enterprise Services

Business Solutions
Mark Krause

- Logistics and Acquisition
- Defense Healthcare Management Systems (DHMS)
- Veterans Affairs
- Travel Systems
- Cyber Forensics
- Navy Reserve Business Solutions
- Commander, Operational Test and Evaluation Force (COMOPTEVFOR)

Air Traffic Control
Phil Braswell

- Shore Air Traffic Control (ATC)
- ATC Special Programs
- Polar Programs

Statement A: Approved for Public Release. Distribution is unlimited (17 March 2016).

SPAWAR Systems Center ATLANTIC

Discovery & Invention Sub-Portfolio Overview

What We Do

Lead the discovery, development, and transition of emerging technologies for our maritime, expeditionary, and cyberspace forces. Turn science into Information Dominance capabilities.

Key Capabilities

- Discover and mature innovative technology
  - Basic and applied research
  - Technology transition
  - Workforce development
  - Facilities revitalization
- Experiments and prototyping
- Demonstration and assessments
- Transition liaison – Naval-related Joint Concept Technology Demonstrations (JCTDs)
- DARPA & OSD Executive Agent – R&D Efforts

Primary Customers

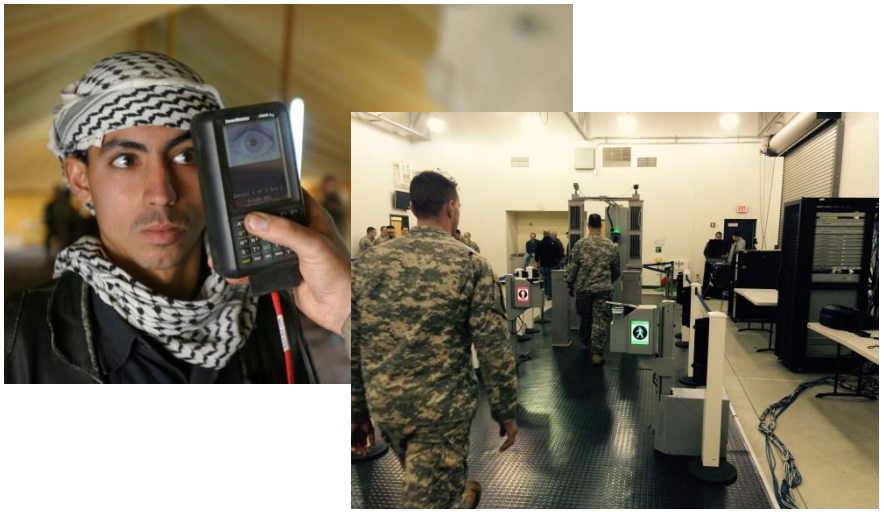
- Deputy Assistant Secretary of Defense (DASD) for Emerging Capability & Prototyping
- Defense Advanced Research Projects Agency (DARPA)
- Office of Naval Research (ONR)

Statement A: Approved for Public Release. Distribution is unlimited (17 March 2016).

Special Reconnaissance, Surveillance, and Exploitation (SRS&E) Sub-Portfolio Overview

What We Do

Rapidly deliver innovative intelligence, surveillance, and exploitation solutions to the Warfighter including shore, air, and space realms. Support includes acquiring, designing, engineering, fielding, and supporting Naval and Joint Intelligence systems to include providing solutions in identity management.



Key Capabilities

- Automated Biometrics Information System
- Identity Management Automated Tracking
- Electromagnetic Environmental Effects (E3)
- Advanced Weapons Enhanced by Submarine Unmanned Aircraft Systems Against Mobile (AWESUM)
- Shore High Frequency Direction Finding
- 3D Binoculars
- Gatekeeper on the Move-Biometrics (GOTM-B)
- Advanced Sensor Technology High Assurance Guard
- Joint Integration Group for System Architecture Workspaces (JIGSAW)
- VECTOR

Primary Customers

- National Security Agency
- Defense Forensics and Biometrics Agency
- Office of the Secretary of Defense (OSD)
- Naval Air Systems Command (NAVAIR)
- Joint Staff
- USMC

Statement A: Approved for Public Release. Distribution is unlimited (17 March 2016).

SPAWAR Systems Center ATLANTIC

Health Systems Sub-Portfolio Overview

What We Do

Design, develop, engineer, secure, sustain, and deploy clinical IT systems, enterprise IT systems, networks, and infrastructure and provide data management and information assurance in support of the 9.6 million military beneficiaries of the Military Health System at Navy, Air Force, and Army hospitals and clinics worldwide for the Defense Health Agency.

Key Capabilities

- Defense Health Agency Computer Network Defense Service Provider (CNDSP) & Network Security Operations Center (NSOC)
- Theater Medical Information Program (TMIP) Maritime/USMC/USAF
- Navy Medicine Enterprise Clinical Infrastructure Modernization
- Navy Medicine Enterprise Security Operations Center (ESOC)
- DHA Medical Information Delivery - Data Warehousing, Informatics, and P4I
- DHA Medical Community of Interest Network
- DHA Application Virtual Hosting
- DHA Medical Mobile App Development

Primary Customers

- Defense Health Agency (DHA)
- Navy Bureau of Medicine and Surgery (BUMED)
- Navy Medicine Information Systems Support Activity (NAVMISSA)
- MARCORSYSCOM PMM 110
- Air Force Medical Operations Agency (AFMOA)
- Air Force Medical Service (AFMS)
- U.S. Army Medical Technology Center

Statement A: Approved for Public Release. Distribution is unlimited (17 March 2016).

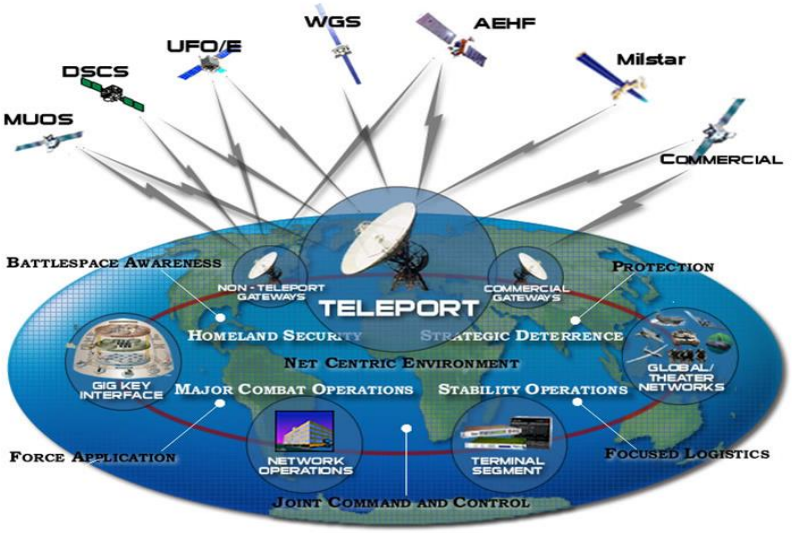
DISA Enterprise & Gateway Solutions Sub-Portfolio Overview

What We Do

Provide systems engineering, acquisition, and life cycle support to DISA and Joint Warfighters through the R&D, Test & Accreditation (T&A), production, fielding, and sustainment of Satellite Communications and C2 Enterprise Services infrastructure solutions.

Key Capabilities

- Joint Communications Interoperability and extension of secure/non-secure voice, data, intel, and C2 to the battlefield
- Voice & data interoperable communications between MUOS and Legacy UHF users
- Joint Worldwide Intelligence Communications System (JWICS) engineering, implementation, and sustainment
- Net-Centric Enterprise Services Integration Lab, providing Independent Validation & Verification (IV&V) of Enterprise Services (ES) utilizing fully automated test suites developed in-house: Data Services Environment (DSE), Strategic Knowledge Integration Web (SKIWeb), and Enterprise Messaging (EM)
- Security Content Automation Protocol (SCAP) development



Primary Customers

- Defense Information Systems Agency (DISA)
- Navy Information Dominance Forces (NAVIDFOR)

Statement A: Approved for Public Release. Distribution is unlimited (17 March 2016).

SPAWAR Systems Center ATLANTIC

Business Solutions Sub-Portfolio Overview

What We Do

Rapidly engineer and deliver enterprise solutions to multiple Navy, DoD, and federal communities and business domains to achieve operating efficiencies and improved effectiveness in mission accomplishment while reducing long-term sustainment costs.

Key Capabilities

- Veterans benefits/claims solutions
- Integrated Electronic Health Record for DoD hospitals and Joint Operational Medicine
- Legacy system sustainment and ongoing capability enhancements
  - Logistics and acquisition applications
  - Navy Reserve portal engineering, data warehousing/financial systems
  - Defense Medical Information Exchange (DMIX) data adapters and viewers
- Incident response and cyber investigations
- DoD Travel Assistance Center help desk

Primary Customers

- Department of Veterans Affairs
- PEO Defense Healthcare Management Systems
- Naval Air Systems Command (NAVAIR)
- Commander, Navy Reserve Forces Command
- Department of the Navy/Assistant for Administration (DON/AA)
- U.S. Fleet Forces Command
- Office of the Under Secretary of Defense for Personnel and Readiness / Defense Travel Management Office (DTMO)

Statement A: Approved for Public Release. Distribution is unlimited (17 March 2016).

Air Traffic Control Sub-Portfolio Overview

What We Do

Provide complete Air Traffic Control and Meteorology systems engineering, Air Traffic Control operations, Airfield Management, Electronics Maintenance, and Meteorological forecasting and observation services in support of federal and military operations worldwide.

Key Capabilities

- ATC/Meteorology and Oceanography (METOC) design, engineering, integration & sustainment
- Aviation Command and Control services
- ATC/METOC logistics and configuration management
- Terminal Instrument Procedures (TERPS) development

Primary Customers

- NAVAIR PMA213 & Program Executive Officer, Tactical Aircraft Programs (PEO T)
- U.S. Air Forces Central Command (AFCENT)
- National Science Foundation (NSF)
- SPAWAR FRD
- Federal Aviation Administration (FAA)

Statement A: Approved for Public Release. Distribution is unlimited (17 March 2016).

DLA Systems and Applications Sub-Portfolio Overview

What We Do

Rapidly design, deliver, install, and maintain fuel automation equipment and critical fuel infrastructure systems at all DoD fuel facilities worldwide in support of DLA Energy, the principal source of supply for fuels within the Armed Forces. Serve as one of DLA Energy's Execution Agents.

Key Capabilities

- Automated Fuel Handling Equipment (AFHE) Systems - Large Bulk Fuel Terminal Automation
- Automated Tank Gauging (ATG)
- Automated Fuel Service Stations (AFSS)
- Automated Data Collection (ADC), Automated Point of Sale Devices (APOSDs)
- Overfill Protection Equipment (OPE) systems
- Independent Alarm Systems (IASs)
- Hydrant Fueling Automation Maintenance (HFAM)
- Hydrant Automation Monitoring System (HAMS)
- Environmental Leak Detection (ELD) systems

Primary Customers

- Defense Logistics Agency
- Defense Logistics Agency Energy

Statement A: Approved for Public Release. Distribution is unlimited (17 March 2016).

Force Protection Solutions Sub-Portfolio Overview

What We Do

Provide state-of-the-art electronic security solutions that protect our military and government critical infrastructure, personnel, assets, and resources. Our products provide enhanced force protection at Navy, Marine Corps, Army, and Air Force bases worldwide. Primary IT services and solutions provider for CNIC N6 and NAVFAC CIO, increasing efficiency and security of IT services across the entire Navy Shore enterprise.

Key Capabilities

- Integrated capabilities, situational awareness, detection and deterrence, command and control, and coordinated emergency response
- Primary DoD provider of large-scale, integrated Electronic Security Systems (ESS)
- Implementing Navy's next-generation ESS in compliance with cyber security initiatives
- USMC ESS Technical Authority
- CNIC and NAVFAC business IT solutions provider supporting program-wide implementation of cyber security initiatives

Primary Customers

- Marine Corps Installations Command (MCICOM)
- Commander, Navy Installations Command (CNIC)
- NAVFAC Anti-terrorism & Force Protection (AT/FP)
- NAVFAC Chief Information Office (CIO)
- White House Communications Agency (WHCA)
- U.S. Secret Service (USSS)
- National Geospatial-Intelligence Agency (NGA)

Statement A: Approved for Public Release. Distribution is unlimited (17 March 2016).

Command and Operations Centers Sub-Portfolio Overview

What We Do

Provide design, engineering, and integration of Command and Operations Centers for Naval and Joint customers in order to reduce a Commander's Decision Making Cycle. In addition, we also design, engineer, and integrate C4I into new Military Construction (MILCON) projects.

Key Capabilities

- Naval and Joint Command and Operations Centers
- MILCON C4ISR/IT Integration
- Maritime Operation Centers (MOC)
- Emergency Operations Centers
- Command Watch Floors
- Tactical Operations Centers
- Integrated Server Rooms
- Briefing and Display Systems
- Fault Tolerance Alternate Power
- SCIF Design and Certification
- Information Superiority Knowledge Management

Primary Customers

- 2nd, 4th, 5th, 6th, 10th Fleets
- NAVCENT
- AFRICOM
- EUCOM
- CENTCOM
- SOUTHCOM
- NORTHCOM
- STRATCOM
- NCTAMS LANT/PAC
- SPAWAR HQ 4.0D (MILCON)
- USAREUR
- USSOCOM
- CJTF-HOA
- NAVFAC
- USAFISRA
- USMC Reserve Forces
- USMC University
- Fleet Forces Command

Statement A: Approved for Public Release. Distribution is unlimited (17 March 2016).

SPAWAR Systems Center ATLANTIC

Where is the Portfolio headed?

- Maintain focus on delivering Information Dominance to Navy and Marine Corps operational forces
- Grow technical capabilities
  - Keep on left side of engineering "V"
  - Build on established reputation of leading the Navy, DoD, and federal partners with world-class qualified, certified engineers and scientists in Command thrust areas
- Continue providing superior engineering services in key sustainment areas
- Pursue measured business growth in approved Thrust Areas
  - Cyber
    - Cyber Test & Evaluation
    - Cybersecurity systems engineering
  - Intelligence, Surveillance, and Reconnaissance (ISR)
    - Predictive Analytics (trending toward operational analytics)
    - Autonomous Systems- Automated/Assisted Decision Planning/Making
  - Communications – next generation gateways

Statement A: Approved for Public Release. Distribution is unlimited (17 March 2016).

SPAWAR Systems Center ATLANTIC

Summary

We serve a broad range of Navy, other DoD, and federal agencies who rely on our Portfolio to deliver efficiency, innovation, quality, reliability, and cybersecurity. Our work is shaped by requirements that demand research and engineering with the goal of delivering Information Dominance — the operational advantage from fully integrating the Navy's information functions, capabilities, and resources to optimize decision making and maximize warfighting effects.

We rely on our industry partners to support us in executing our mission-critical tasking and we value the skills and innovative thinking that have contributed to making SSC Atlantic a leading Navy provider of Information Technology to military and government.

For more information, contact Jacqueline Goff, Navy and Federal Support Portfolio Manager
jackie.goff@navy.mil

Statement A: Approved for Public Release. Distribution is unlimited (17 March 2016).

Questions or Comments

Statement A: Approved for Public Release. Distribution is unlimited (17 March 2016).