



# Space and Naval Warfare Systems Center Atlantic

## Navy and Federal Support Portfolio Overview

**Tidewater Association of Service  
Contractors and AFCEA Hampton  
Roads Joint Event**

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# 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

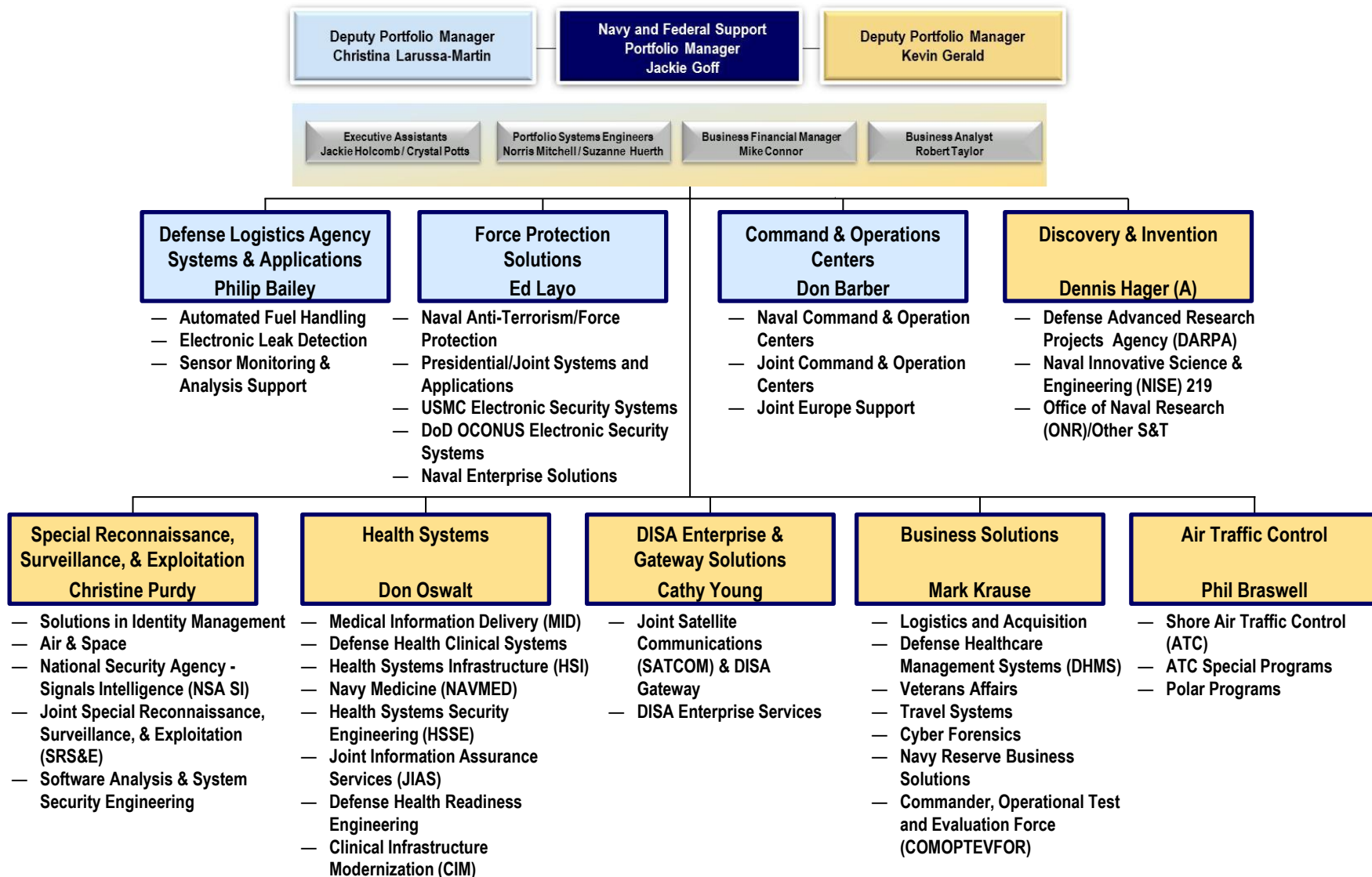
- Discovery & Invention
- Special Reconnaissance, Surveillance, & Exploitation
- Health Systems
- DISA Enterprise & Gateway Solutions
- Business Solutions
- Air Traffic Control
- DLA Systems and Applications
- Force Protection Solutions
- Command & Operations Centers

# 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

# Navy and Federal Support Portfolio Organization – IPT Structure



# 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)

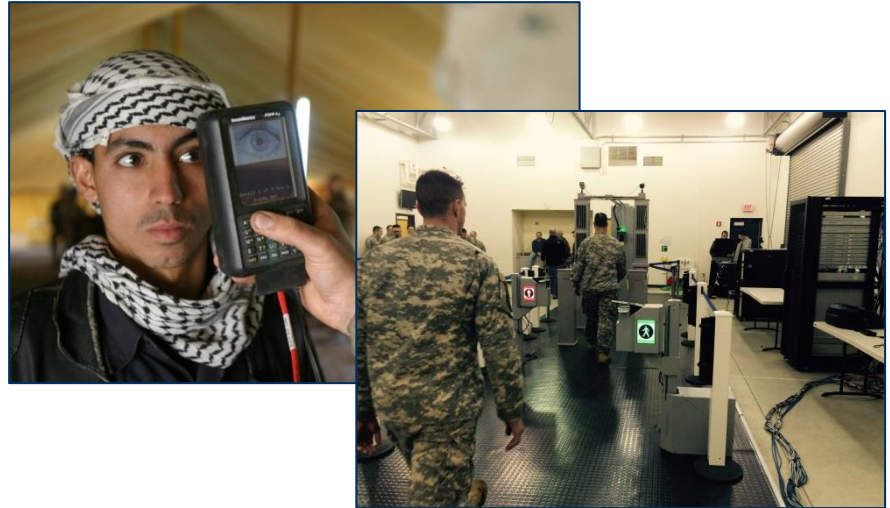
# Special Reconnaissance, Surveillance, and Exploitation (SRS&E) Sub-Portfolio Overview

## 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



# 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

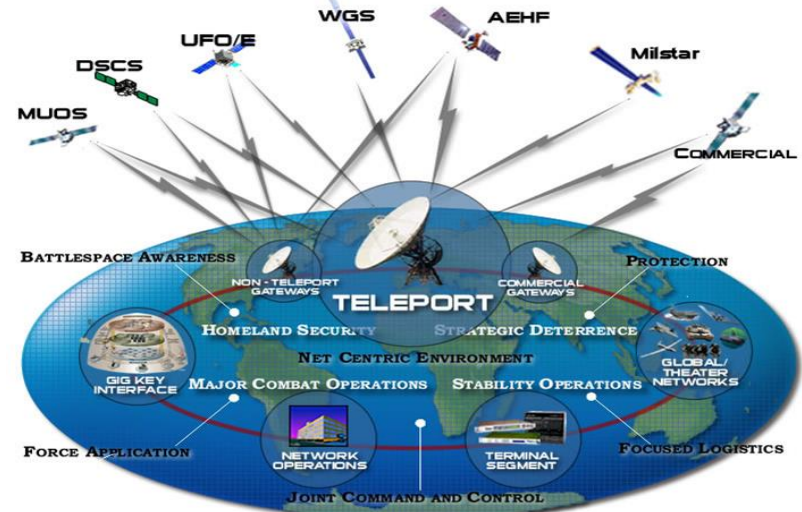
# DISA Enterprise & Gateway Solutions Sub-Portfolio Overview

## 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)



# 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)

# 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)

# 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 (APOSsDs)
- ▼ 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



# 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)

# 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 | ▼ SPAWAR HQ 4.0D (MILCON) |
| ▼ NAVCENT                         | ▼ USAREUR                 |
| ▼ AFRICOM                         | ▼ USSOCOM                 |
| ▼ EUCOM                           | ▼ CJTF-HOA                |
| ▼ CENTCOM                         | ▼ NAVFAC                  |
| ▼ SOUTHCOM                        | ▼ USAFISRA                |
| ▼ NORTHCOM                        | ▼ USMC Reserve Forces     |
| ▼ STRATCOM                        | ▼ USMC University         |
| ▼ NCTAMS LANT/PAC                 | ▼ Fleet Forces Command    |



# 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

# 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  
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# Questions or Comments