

Naval Information
Warfare Center



ATLANTIC

Naval Information Warfare Center Atlantic Enterprise Systems (ES) Department Review

CDCA Strategic Business and Industry Outreach
Initiative (SBIOI) Symposium

12 March 2025

Mr. Kevin Allen, SSTM

Enterprise Systems Dept. Head

Mr. Robert Thornton

Data Center and Cloud Hosting
Services Division

Mr. Mark Krause

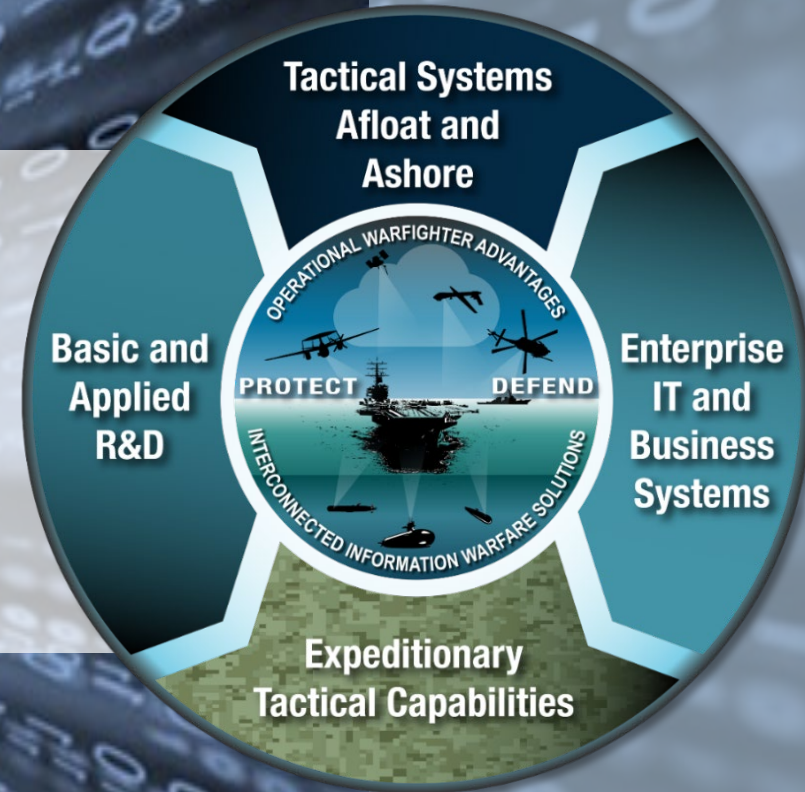
Manpower, Personnel, Training, and
Education Systems Division

Mr. Jim Barr

Enterprise Business Systems
Division

Mr. Stan Shelhorse

Logistics Business Systems
Division



Enterprise Systems Department

Giving our Fleet an advantage over adversaries

Department
Head
Kevin Allen,
SSTM



Divisions

Data Center and Cloud
Hosting Services

Manpower, Personnel,
Training and Education
Systems

Enterprise Business Systems

Logistics Business Systems

Focus Areas

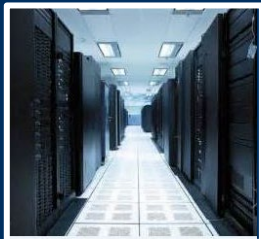
- Improve the performance & affordability of digital & enterprise services
- Drive cultural change to embrace DevSecOps across NIWC Atlantic and our customers
- Cloud & Data Center Services
- Enable a hybrid cloud solution for the Navy
- Enable access to information on any device, anywhere

FY24: 582 FTEs — 54 Projects — 13 IPTs

Rapidly identify and implement affordable Enterprise IT solutions by promoting innovation, developing our personnel and forming strategic partnerships across NIWC Atlantic and with our customers.

- Provide engineering, logistics, and PM support solutions
- Provide automation through development and deployment of modern software-intensive solutions
- Hosting for software application and services including private and commercial Cloud services
- Install and sustain enterprise systems for the Fleet and DoD

Customer Areas



▪ PEO MLB Portfolios



▪ PEO DES Portfolios

▪ DISA



▪ Other Navy Business and Enterprise Systems



Customer Areas

▼ PEO MLB Portfolios

- My Navy HR IT Solutions Services
- Navy ERP Financial IT Services
- Logistics IT Services
- Data Transformation Services
- Naval Applications and Business Services
- Hosting Services

▼ Defense Intelligence Agency (DIA)

▼ PEO DES Portfolios

- Platform Application Services
- Digital Workplace Services
- Infrastructure Services
- Cyber and Operational Services
- End User Hardware Services
- Department of the Navy Special IT Services

▼ Other Navy Business & Enterprise Systems

- CEDC
- Cloud Services
- NHHC, NWC, NNWC, NAVAIR, ANG, NIPO

Competency Support aligned to Dept.:

- Admin Support
- BFM
- Business Analyst
- Contracts Lead
- Technical Acquisition Manager
- Life Cycle Engineer
- Chief Engineer
- Chief Scientist

Enterprise Systems Department

Kevin Allen, Department Head (NCR)

582 FTEs — 54 Projects — 13 IPTs

Deputy

Brian Ratliff

Military Deputy

CDR Otero (NOLA)

Embedded PEO Support:

- PEO DES Technical Director – Justin Fanelli
- PEO DES Technical Director, Deputy – Bradley Punch
- PEO MLB Technical Director – Brandon Wehler
- PEO MLB Technical Director, Deputy – Robert Thomas

Divisions

Data Center and Cloud Hosting Services (DC2HS) Division

Div Head: Bobby Thornton

Manpower, Personnel, Training, and Education (MPT&E) Systems Div.

Div. Head: Mark Krause

Enterprise Business Systems (EBS) Division

Div. Head: Jim Barr

Logistics Business Systems (LBS) Division

Div. Head: Stan Shelhorse

Project and Program Management Support

Div. PM Manager:

Vicki Alea

IPTs

Cloud Technologies and Services
On Premise Services
Service Delivery

IPTs

MyNavy Human Resources IT
Solutions
Enterprise Systems and Services
Acquisition, Logistics, and
Personnel Systems

IPTs

Infrastructure and Services
Modernization
Office Applications and Automation
Services
Naval and Federal Networks &
Systems
Special Networks
Decision Advantage Solutions Hub

IPTs

Maintenance Figure of Merit
Naval Tactical Command
Support Systems
Business Applications In-
Service Engineering Agent

DC2HS / MPT&E PM
Enterprise Business
Systems PM

Integrated Product Teams

Warfighting Thrust Areas — to give our Fleet an advantage over adversaries

▼ Software Development (DevSecOps)

- Vision: Drive cultural change to embrace DevSecOps across NIWC Atlantic and our customers
 - Partnering with other Departments, 5.0, PEO MLB and PEO Digital to change IT delivery culture

▼ Mobility & Mobile Application Design

- Vision: Enable access to information on any device, anywhere, including:
 - Improved user experience, resiliency, operational capabilities and ability to leverage talent
 - Enable Classified and U//FOUO mobility solutions; explore 5G

▼ Cloud & Data Center Services

- Vision: Enable a hybrid cloud solution for the Navy, including:
 - Automation enabling workforce shift to value-added enterprise services and engineering support
 - Digital Core Services offerings
 - Transparency improving stakeholder engagement and partnership

▼ Digital & Enterprise Services

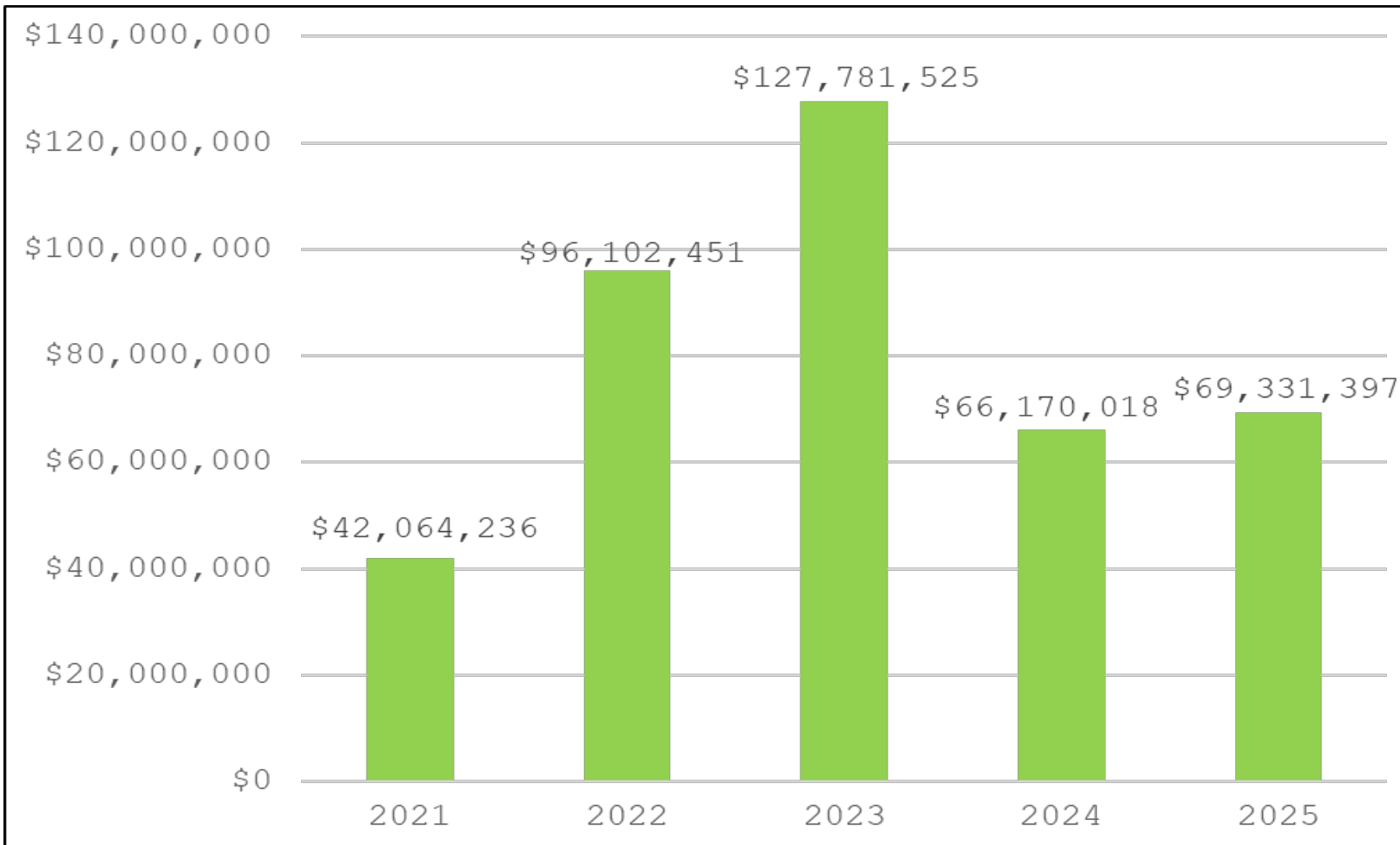
- Vision: Partner with PEO DES to improve the performance and affordability of digital and enterprise services

ES Department Technology / Expertise Needs

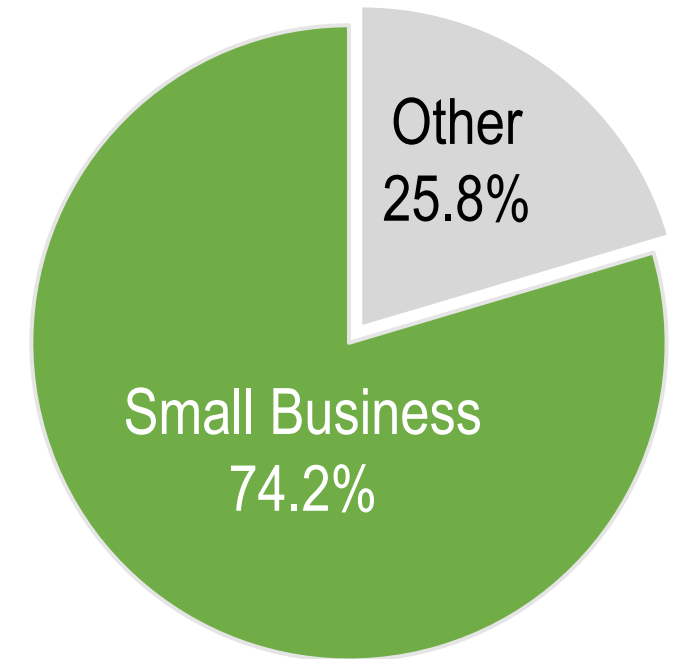
- **Data Science/Dashboarding Efforts:** Refers to developing Data Strike Teams centered around specific mission area use cases responsible for requirements development and decomposition, data engineering, data visualization and data scientists to create multidisciplinary teams that result in world class solutions for decision advantage across the DoD.
- **Artificial Intelligence:** Provide warfighters with analytics-driven, data-informed, and technology-empowered capabilities to drive decision advantages and optimal mission outcomes.
- **Cloud Computing:** IT modernization and digital transformation for resilient infrastructure, platform and software services.
- **Cybersecurity:** Provides protection from unauthorized use of and/or defends electronic data, hardware, software from disruption or of the services they provide. (Zero trust, RMF, Cloud security)
- **DevSecOps:** Refers to replacing siloed Development, Security and Operations to create multidisciplinary teams that collaborate with shared and efficient practices and tools. (SW application modernization)
- **Model-Based Systems Engineering (MBSE):** Technologies used to support the development, management, and application of virtual constructs of varying fidelity across the spectrum of systems engineering.
- **Automation:** Replace repeatable, manual processes with software-based solutions to increase efficiency while decreasing costs to our Mission Owner partners.
- **Network Engineering:** Designing solutions for diverse, interconnected hosting environments to provide secure and reliable communications pathways.
- **Software Development and Testing:** Modernize legacy applications and develop software solutions and automated, Agile testing strategies to improve warfighter experience and capabilities.

Enterprise Systems Small Business Obligations

Small Business Obligations



FY25 Awards Issued



Data Center and Cloud Hosting Services (DC2HS) Division

- Commercial and private cloud infrastructure hosting along with managed enterprise services to support Mission Owner systems
- Enterprise engineering and cloud integration services to modernize legacy systems
- Migration services to help Mission Owners land in our cloud hosting environments
- Focus on self-service and automation capabilities to allow for rapid deployments and speed to execution

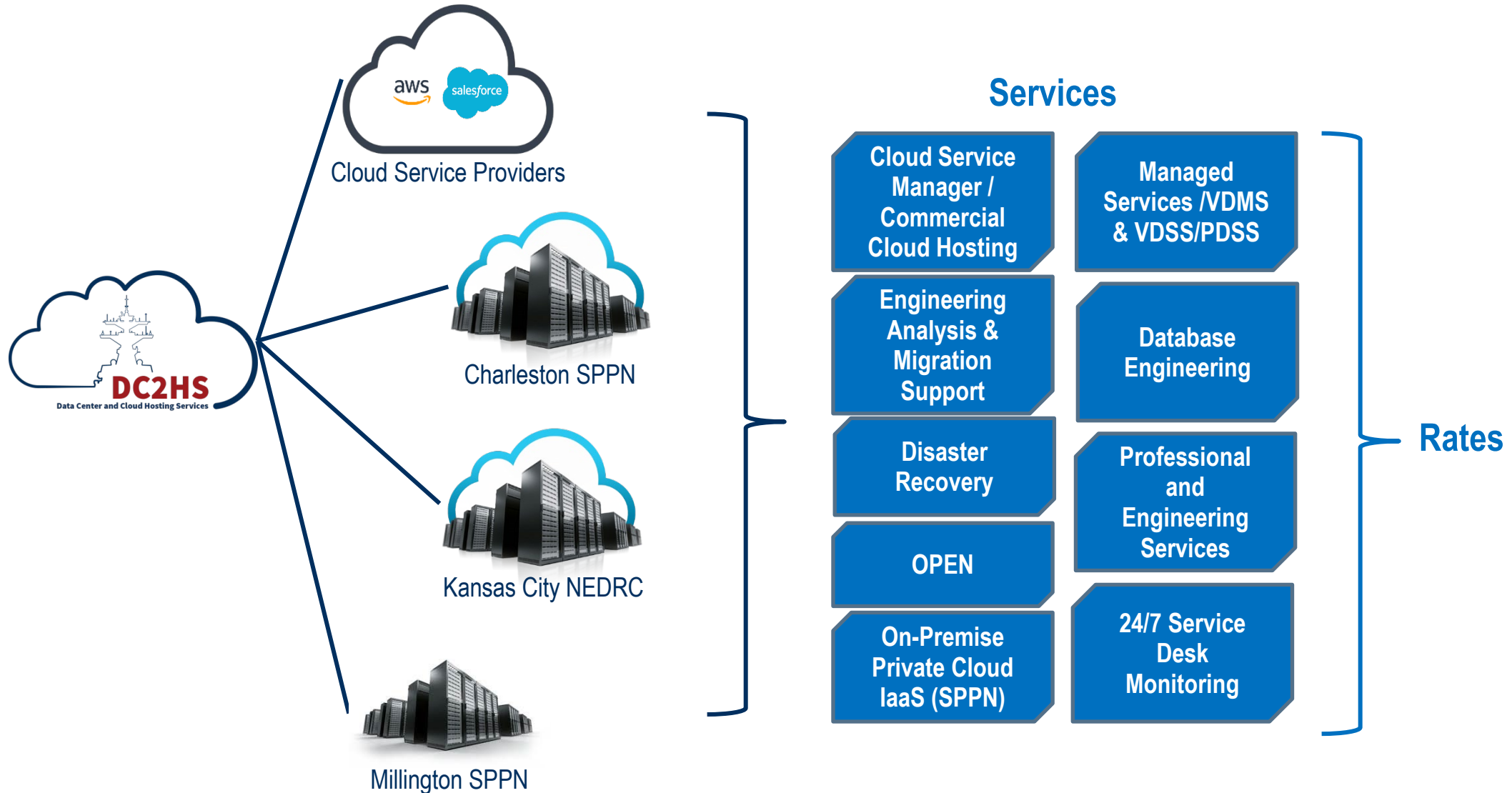
Data Center and Cloud Hosting Services (DC2HS)

Robert Thornton

- Cloud Technologies and Services
 - On Premise Services
 - Service Delivery



DC2HS Hosting Overview



DC2HS Hosting Environments and Customers

Customer Hosting Footprint*



Cloud Service Providers



Charleston SPPN



Kansas City
NEDRC



Millington SPPN

2 Years Ago

CHAS

Customers: 82
Instances: 1771

NOLA

Customers: 53
Instances: 732

CSP

Customers: 129

*As of March 2023 CBM. Does not include DC2HS instances that support internal and managed services. Does not include COLO customers or DR counts.

+ includes AWS, Salesforce, and OPEN customers

1 Year Ago

CHAS

Customers: 87
Instances: 1894

NOLA

Site
Decommissioned

CSP

Customers: 147

*As of February 2024 CBM. Does not include DC2HS instances that support internal and managed services. Does not include COLO customers or DR counts.

+ includes AWS, Salesforce, and OPEN customers

Present Day

CHAS

Customers: 61
Instances: 1435

NOLA

Site
Decommissioned

CSP

Customers: 183

*As of February 2025 CBM. Does not include DC2HS instances that support internal and managed services. Does not include COLO customers or DR counts.

+ includes AWS, Salesforce, and OPEN customers



Manpower, Personnel, Training, and Education (MPT&E) Systems Division

We provide Systems/Software Engineering, Cybersecurity, Cloud Brokerage, Rapid Software Development, Sustainment, Testing, Data Engineering/Science, and technical Program Management support across the System Development Life Cycle to Navy and MPT&E programs within PEO Manpower, Personnel, and Business Solutions (MLB).

Major customers: PEO MLB, PMW240/MyNavy HR ITS, PMW250/NABS, PMW220 (Navy ERP), OPNAV N16, OPNAV N9i, OPNAV N7, NAVAIR, PERSCOM, NETC, ASN RD&A, NIPO, Fleet Sailors and Reservists.

Manpower, Personnel, Training, and Education (MPT&E) Systems

Mark Krause

MyNavy Human Resources
(HR) IT Solutions

Enterprise Systems and Services
(E2S)

Acquisition, Logistics, and Personnel
Systems (ALPS)

Enterprise Business Systems (EBS) Division

We provide engineering, cybersecurity, agile software development solutions, data analytics, and program management support across the System Development Lifecycle to deliver enterprise systems to support the Navy.

Major customers include CNO, DoN CIO, PEO DES, CNIC, DoD and DIA

Enterprise Business Systems (EBS)

Jim Barr

Infrastructure and Services Modernization IPT

Office Applications & Automation Services IPT

Naval and Federal Networks & Systems IPT

Special Networks IPT

Decision Advantage Solutions Hub IPT

Logistics Business Systems (LBS) Division

We provide engineering, cybersecurity, agile software development solutions, and program management support across the System Development Lifecycle to deliver logistics systems to support the Navy.

Customer focus: PEO MLB (LOG IT)

Logistics Business Systems (LBS) Stan Shelhorse

Maintenance Figure of Merit (MFOM) IPT

Naval Tactical Command Support Systems
(NTCSS) IPT

Business Applications In-Service Engineering
Agent (BA ISEA) IPT

ES Department Challenges – Opportunities for Collaboration

▼ Acquisition / contracting

- Increased industry support
- Private industry challenges (LCATS, inflation, staffing)
- Continuing Resolution

▼ Business model for delivering enterprise capabilities

- Funding models for consumption-based services
- Updated policies needed for new operational models



Questions