



Marine Corps Network & Infrastructure Services (MCNIS) Overview

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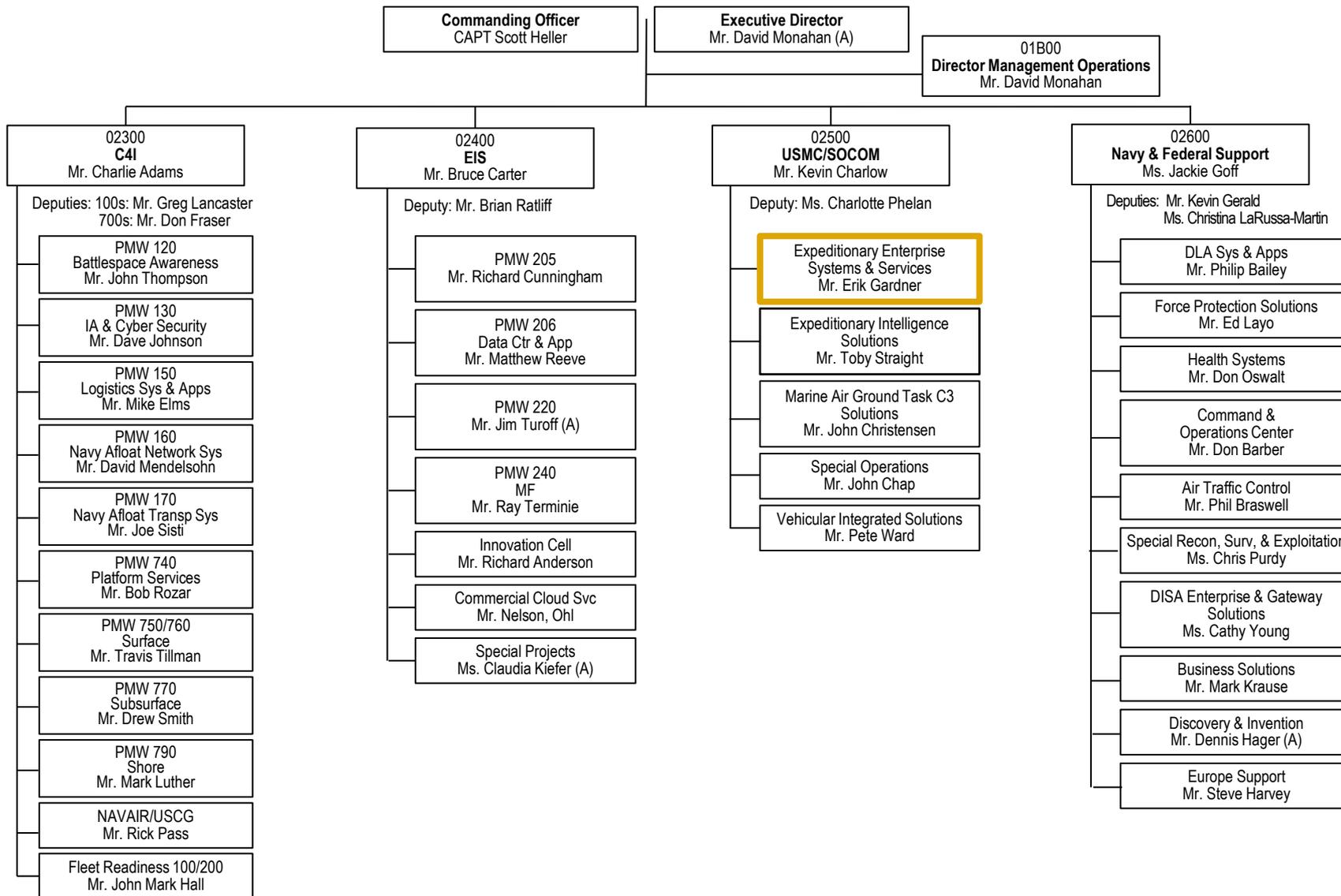


Business Portfolios and Partner Alignment

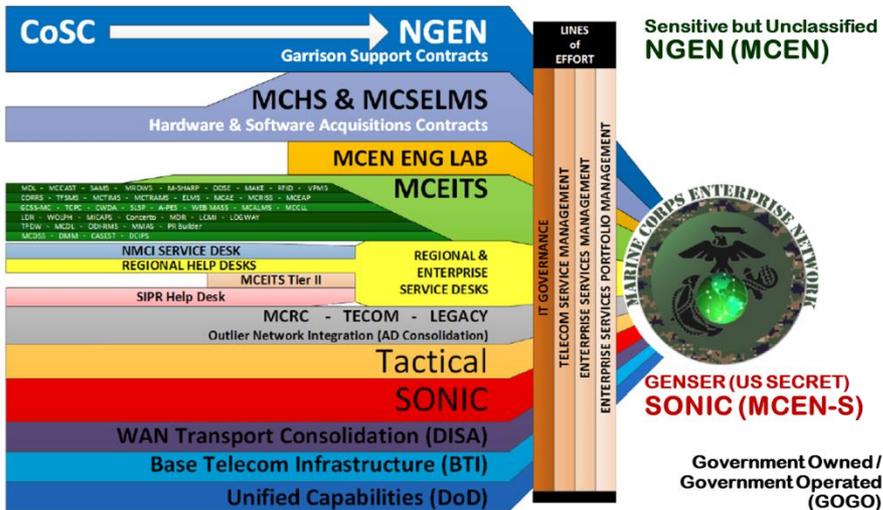
Customer Portfolios	Customer Areas			Enterprise Services Portfolio
 Charlie Adams C4I (PMW 100's and 700's)	<ul style="list-style-type: none"> PMW 120 PMW 130 PMW 150 PMW 160 PMW 170 	<ul style="list-style-type: none"> PMW 740/750/760 PMW 770 PMW 790 FRD 100/200 	<ul style="list-style-type: none"> NAVSEA NAVAIR/USCG Navy Cyber/Numbered Fleet 	 Ryan Gunst Service Areas <ul style="list-style-type: none"> Customer Services (ISC) Test and Eval Services (PPT) Software Services (SADIE) Infrastructure Services (DCC) Network Services (RDTE) Production Services (CAEI) Installation Services (IMO/FSC) Contract Services (CSC) Commercial Services (ECS)
 Bruce Carter EIS (all)	<ul style="list-style-type: none"> PMW 205 PMW 240 PMW 220 	<ul style="list-style-type: none"> Innovation Cell Cloud Access Point 	<ul style="list-style-type: none"> Navy Data Center Application Optimization 	
 Kevin Charlow USMC/ SOCOM (all)	<ul style="list-style-type: none"> SOCOM Army 	<ul style="list-style-type: none"> USMC Air Force 		
 Jackie Goff Navy and Federal Support	<ul style="list-style-type: none"> DISA DLA NSA NSF NAVSUP CNIC NAVFAC 	<ul style="list-style-type: none"> NSMA Federal Navy & Defense Medical Veteran Affairs Europe DARPA 	<ul style="list-style-type: none"> ONR ONI AFRL iARPA DTRA NAVAIR (Other) Navy (Other) 	

Ensuring Naval dominance through collaboration, alignment & engineering excellence

SSC Atlantic Portfolios



Marine Corps Network & Infrastructure Services (MCNIS)



Description:

The MCNIS IPT is chartered to accomplish the following:

1. Left Side Support: Augment the operations of the MCNIS program office by assigning qualified personnel to provide focused programmatic, engineering, and logistical support.
2. Solutions Development: Design, develop, and implement products and services acquired under the MCNIS portfolio.

3. In Service Engineering: Provide tailored In-Service Engineering Activity (ISEA) support to programs established and operated under the MCNIS portfolio (MCSC ED directed).

4. Software Support: Fulfill assigned Software Support Activity (SSA) functions for software-centric systems developed or maintained under the MCNIS portfolio.

Operational Relevance:

- IPT projects and activities directly enable the operation and sustainment of the Marine Corps Enterprise Network (MCEN) -- collectively, the Marine Corps SIPRNET (called SONIC) and the Marine Corps NIPRNET (a.k.a. NGEN).

Primary Technical Capability:

- Enterprise and Net-Centric Systems

Secondary Technical Capability:

- Information Assurance and Cyber Security

First USMC ISEA, ever, for any program. The MCEN is also very complex, both programmatically & technically

Major Accomplishments, Products, Deliverables, and Future Milestones:

- SONIC VDI (zero client pilot) to field initial capability in FY16
- Enterprise Process & Initiatives (EP&I) project established (support to the Marine Corps ITSM Office); SSC Atlantic is the *Enterprise ChM/SACM process owner & process manager*
- NIPR IPN project (major effort to tech refresh and re-engineer core infrastructure of the MCEN) – SSC Atlantic will design, procure, integrate, field, train, and initially sustain the solution
- Enterprise Tech Refresh project underway (conducting BCA for enterprise sustainment modernization and improvements)
- SONIC Engineering project in planning stages (discover, document, and control functional baselines for SONIC)
- Enterprise Staging & Warehousing (ES&W) realigned to MCNIS

MCNIS Alignment to SSC Atlantic Key Tasks and Technical Growth Areas

Key Tasks:

- Project/Program Management
- Research
- SoS Engineering
- Requirements
- Design
- Development
- Integration
- Production
- Installation
- Test and Evaluation
- Quality Assurance
- Sustainment
- PBLO/Logistics Engineering

Technical Growth Areas:

1. Cyber Warfare
2. Big Data Technologies
3. Assured Communications
4. Cloud Computing
5. Enterprise Resource Tools
6. Collaboration
7. Autonomy
8. Embedded Systems
9. Mobility

We deliver Information Warfare capabilities
This includes cyber encryption, cyber surveillance, cybersecurity, satellite systems, undersea surveillance equipment, remote sensors, tactical and business information technology capabilities.



Naval dominance because we exist!

MCNIS Alignment to SSC Atlantic Strategic Thrust Areas

C4I *Command, Control, Communications, Computers, and Intelligence*

- Computer Network Defense (CND) in a Tactical Environment
- Navy Tactical Cloud Software Development
- Navy Integrated Fires
- Design, Integration, Production, Installation, Test & Evaluation

EIS *Enterprise Information Systems*

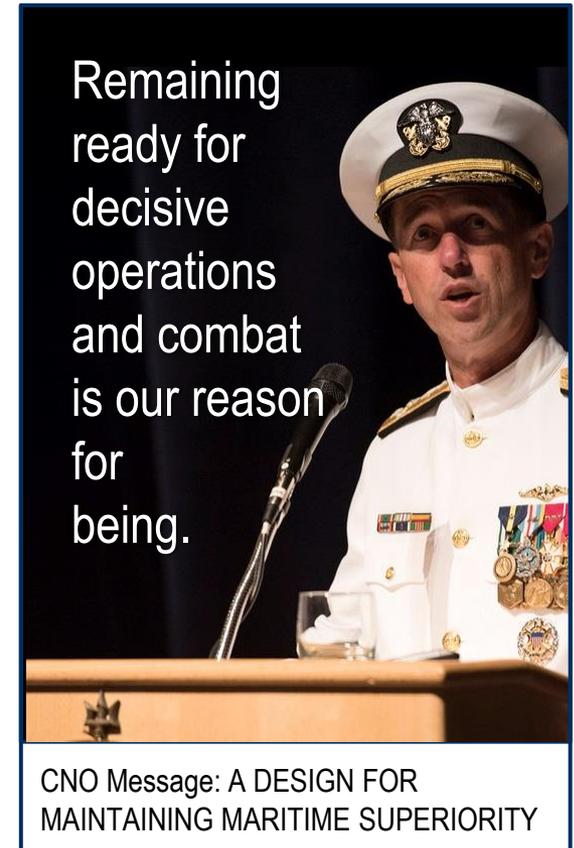
- Enterprise Business Solutions Provider (includes Application and Data Design & Engineering Principles for traditional hosting, cloud, mobility, & portability)
- Cloud Capabilities (access point solutions, hosting, contracting languages)
- PMW 205 Support Transformation (improve our embedded engineering and PM support to sponsor while seeking out turn-key engineering opportunities)

USMC/SOCOM *US Marine Corps/ Special Operations Command*

- ISEA of the Marine Corps Enterprise Network
- Engineering the USMC ISR Enterprise
- Engineer and Deploy the Marine Corps Enterprise Network
- Transforming Combat Vehicles into Mobile C4ISR Platforms

NFS *Navy and Federal Support*

- Cyber T&E
- Cybersecurity Systems Engineering
- Predictive Analytics (trending toward operational analytics)
- Next Generation Gateway
- Autonomous Systems- Automated/Assisted Decision Planning/Making



What do we need (next 1-3 years)?

▼ Engineering

- Network infrastructure design
- SoS engineering
- Information systems security engineering
- Business process engineering & automation
- Test support (*incl. modeling*)
- Systems integration

▼ Logistics

- Reliability-centered maintenance support
- Configuration management
 - Baseline management
 - Asset management (SACM)
 - Change Management (ChM)
- Lifecycle logistics support

SOFTWARE, HARDWARE, NETWORK, and IT SERVICE MANAGEMENT (holistic focus)



Questions?