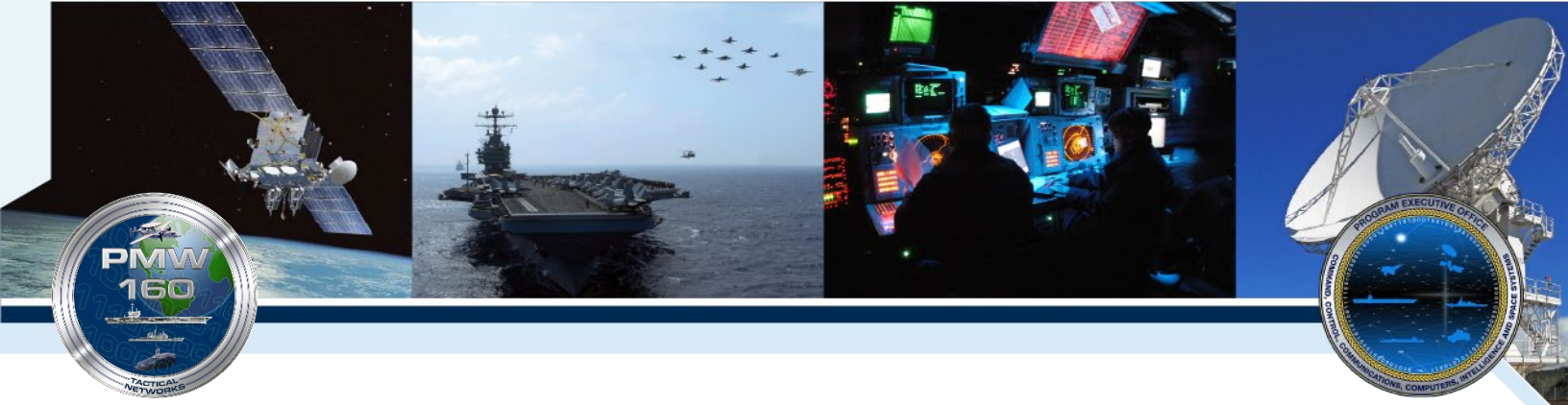

PMW 160

Tactical Networks Program Office

WHO WE ARE

PMW 160 is the Navy's program office for tactical networks, providing mission effective, affordable and cyber resilient networks for Navy tactical forces. PMW 160 delivers integrated wide area, local networking and computing and data systems afloat to support a robust network of geographically dispersed Navy, joint service and coalition forces.

FY 22-27 PRIORITIES

DevSecOps: Continue to be the "voice of the application" in both development and operations. Evolve our current implementation of a DevSecOps framework for tactical networks and continue to drive towards the implementation of DevSecOps as "business as usual" within the enterprise.

TACNET-Resilient WAN Capability: Enhancing efforts to evolve Automated Digital Network System (ADNS) and incorporate new routing capabilities. This effort includes strategic road mapping to advance capabilities, assess future requirements, establish stakeholder engagements and meet current and future needs of the warfighter.

Network Operations, Training, and Documentation: Propose course of action to mitigate the cyber and readiness impacts of the seam between NAVWAR and the regional maintenance centers in network incident response.

Algorithm Driven PMO: Improve decision-making through a more efficient use of existing system of record data, automated data entry and processing, and fostering insights using machine learning, artificial intelligence and intuitive visualization techniques.

TOP PROGRAMS

Consolidated Afloat Networks and Enterprise Services (CANES) (ACAT IAC)

CANES is a Chief of Naval Operations-directed program that delivers an afloat warfighting network platform. Replacing five existing networks, CANES enables the next generation for command and control (C2) and intelligence, surveillance and reconnaissance capabilities and significantly increases operational effectiveness by hosting or connecting hundreds of warfare, C2, intelligence, logistics, business and administrative applications across multiple security domains. CANES provides data, transport, computing, voice and video services, systems management, enterprise services and cybersecurity functionality.

Automated Digital Network System (ADNS) (ACAT II)

ADNS supplies the tactical wide area network (WAN) capabilities of the naval communications system, providing surface ship, submarine, airborne, tactical-shore and shore-based WAN gateway services management.

Enterprise Piers Connectivity Architecture (EPCA)

EPCA ("Piers") program provides a secure, transparent, cost-effective, terrestrial transport solution to the Fleet while docked at US Navy-controlled piers worldwide. EPCA's goal is to provide 'equal or better' capability pier-side as is available at sea.

Legacy Network Systems (LNS) (ACAT II/III)

The predecessor to CANES and is comprised of Integrated Shipboard Network System (ISNS), Sensitive Compartmented Information networks (SCI Networks) and Combined Enterprise Regional Information Exchange System Maritime (CENTRIXS-M).

Application Integration (AI)

AI identifies, assesses, integrates, and tests all systems and application s using network services and transport provided by CANES, ISNS, ADNS, SCI Networks, SubLAN (Submarine LAN), and CENTRIXS-M. This process ensures shipboard networks application baselines are fully integrated and cyber ready to support navy missions afloat.

Agile Core Services (ACS)

ACS provides the service-oriented architecture for CANES, including the Navy Tactical Analytics Framework.

Communications-as-a-Service (CaaS)

Communications-as-a-Service (CaaS) is an integrated software-defined network designed to provide provisioned delivery of mission data using available communication links within the mission's requirements. The current CaaS capability is designed to provide control-based, traffic-engineered networking which supports tactical data delivery requirements.

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