White paper

How the Navy can best maximize the NGEN SMIT contract vehicle.

The Next Generation Enterprise Network (NGEN) Service, Management, Integration and Transport (SMIT) contract vehicle supports modernization initiatives across the Department of the Navy (DoN).

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What is NGEN SMIT?

"Enterprise IT services, if widely adopted, can be an enormous force multiplier, allowing people to do more for less with greater security, quality, and speed to capability. Enterprise IT services enable the pattern of 'create once, use many,'" said Chief Information Officer Jane Rathbun of the U.S. Navy.

Rathbun's comments come as the DoN is in the middle of its efforts to modernize and improve existing legacy infrastructure. For example, the Navy's Flank Speed operation saw Microsoft 365 successfully introduced to all commands, enhancing and supporting greater collaboration across the Navy enterprise.

As the Navy moves to adopt enterprise services and drive progress on modernization efforts, the DoN is collaborating with Leidos to prioritize transformation efforts.

"The Navy is at the start of getting past this legacy infrastructure and moving things forward," explained Reece Morgan, Navy OCONUS program director at Verizon. "Last year the Navy reorganized their acquisition organization, PEO Digital and Enterprise Services (PEO Digital), around provisioning and managing services as well as technology. That was a critical step for the Navy to engage in transformational activities."

The Next Generation Enterprise Network (NGEN) Service Management, Integration and Transport (SMIT) contract vehicle acts as a catalyst in supporting PEO Digital and the Navy's transformation efforts.

NGEN SMIT, defined by the US Navy, provides critical IT services to approximately 400,000 endpoint devices and 650,000 users at 1,700 locations inside the Continental United States (CONUS) and Outside of the Continental United States (OCONUS).

The NGEN SMIT vehicle is the de facto "easy button" for IT service procurement, helping PEO DES and Navy commands rapidly onboard solutions to enhance mission readiness.

"SMIT is an enterprise contract," said Chris Perry, director of transformation, NGEN SMIT at Leidos. "It's meant to provide the IT services Sailors and Marines need to do their jobs."

NGEN SMIT capabilities and services

NGEN SMIT services have three main categories — service management, service integration and transport services:

- Service management functions facilitate network delivery and supply naval leadership with the mechanisms needed to onboard new services, validate service changes, resolve incidents and provide training.
- Service integration brings together disparate service providers to create a cohesive enterprise environment.
- And transport services act as the backbone of the NGEN SMIT contract, by supporting the planning, provisioning and sustainment of end-to-end network services.

Collectively, each category supports capabilities across the DoN's information technology landscape, from the OCONUS Navy Enterprise Network (ONE-Net) to the Navy Marine.

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Corps Intranet (NMCI) and the Marine Corps Enterprise Network (MCEN). The NGEN SMIT contract vehicle enhances mission readiness via capabilities like Voice over Internet Protocol (VOIP) and Voice over Secure Internet Protocol (VOSIP), ensuring that commands can effectively pursue digital transformation at scale.

"These capabilities are really critical to the Navy's Navigation Plan," Morgan said. "The plan is to build that reliable, resilient platform that's going to deliver the capabilities and the user experience to be effective in supporting the Navy's commands as they achieve their missions."

These services are delivered in keeping with Navy's focus on modern service delivery, prioritizing the user experience and easing IT service consumption, "freeing Sailors and Marines to train and fight, instead of fighting to get the IT services they need."

Ordering via the NGEN SMIT contract

As the DoN pursues actions designed to improve network accessibility and reliability, these next-generation communications infrastructures will be crucial to ascertaining all-domain command and control in contested environments.

NGEN SMIT's structure facilitates rapid assessment of government requirements and proposal development, enabling DoN commands to quickly and effectively onboard solutions via indefinite delivery, indefinite quantity (ID/IQ) delivery. ID/IQ delivery permits rapid solution discovery and onboarding, optimizing taxpayer dollars and shortening the acquisition lifecycle from several years to several months.

To recognize these benefits, Bea Rendon, service order manager for NGEN SMIT at Leidos, recommends adhering to the following course of action below:

The U.S. Navy's NGEN SMIT contract provides the following services:

- Cloud and application hosting services
- Mobile device services
- Network infrastructure services
- Base area and local area network services
- VOIP and VOSIP services
- Video teleconferencing services

These services then support the following capabilities and goals:

- Server farm optimization
- Cloud-enabled independent private networks
- Naval Enterprise Network lab operations
- Integrated Navy operations command and control system operations

How to place orders via NGEN SMIT

STEP 1
Compile requirements into a statement of objectives (SOO) based upon needs.

STEP 2
Submit the SOO via a proposal request.

STEP 3
Order sub-contract line item numbers via a task order.

STEP 4
Initiate delivery of the service and monitor delivery updates

STEP 5
Confirm service and asset delivery via Navy Tool

STEP 6
Receive Navy invoice for processing

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Harnessing next-generation tech and talent via NGEN SMIT

IDIQ contract vehicles and NGEN SMIT, in particular, provide Navy leadership from the top down with a chance to get their hands on new technologies, like 5G, to understand how it operates in theater and could deliver better outcomes.

"Buying and getting services on the NGEN SMIT contract is advantageous because of the economies of scale, the cost benefits and the common technology delivery of buying through an enterprise vehicle and having the same services deployed across the enterprise," Perry said.

Perry emphasized that in addition to cost benefits and economies of scale, the NGEN SMIT contract paves the way for world-class collaboration between public and private sector organizations, and both Leidos and Verizon have the global scale and drive to support the Navy's modernization efforts.

"That's the key factor. The Navy is getting access to some unique industry talents that can be applied to their mission challenges," Morgan said.

Discover how Leidos and Verizon can help you modernize via NGEN SMIT.

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