

OPTIMIZE | SECURE | DECIDE



# Department of the Navy Enterprise IT Services



# What is an Enterprise IT Service?

An Enterprise IT Service or Service Offering is a mature technology solution or group of solutions that can be paired with appropriate use case(s). The Service/Service Offering must be of an operational maturity\* to scale across the naval enterprise from both a technical and business perspective, address a known and/or validate requirement, and provide an optimal enterprise solution.

Naval Enterprise IT Services are designated as either the mandatory (the only service that may be used for a specific set of mission requirements) or the preferred (the service must be considered first before any other alternative solutions are considered).

The capability of the service or service offering must meet an average "operational" level or higher on the Enterprise IT Service standards and criteria assessment



**NAVAL IDENTITY**  
SERVICES





# Designation Process Overview





# Effectiveness Criteria Standards

The following are a set of specific benchmarks used to assess whether a service or service offering is achieving its intended goals and outcomes, essentially measuring how well it is working towards its stated objectives; these standards act as a framework for evaluating the success of capability by defining measurable criteria to determine its effectiveness.

## DON IT Services Effectiveness Criteria Standards

### Performance Criteria

- Mission Effectiveness
- Scalability

### Service Management

- Demand
- Affordability
- Sustainability

### Information Security

- Authorization
- Zero Trust Enablement

### Accessibility & Integration

- Availability for Use
  - Discoverability
- Innovation & Improvement
- User-Driven
  - Speed of Change

## DON IT Software Modernization Services Effectiveness Criteria Standards

### Additive Performance Criteria

- DevSecOps Infrastructure
- Path(s) to Production

### Additive Innovation & Improvement

- Performance Monitoring
- Decision Making
- Workforce Development

### Additive Information Security

- Continuous Authorization

### Additive Accessibility & Integration

- Onboarding Time
- Onboarding Support

Benchmarks are assessed on a 1-4 scale: 1- Initial, 2- Minimum Viable, 3- Operational, 4- Ideal



Assistant Secretary of the Navy (Research, Development, and Acquisition)  
Department of the Navy Chief Information Officer

UNCLASSIFIED

# Department of the Navy Designated Enterprise IT Services



# Naval Integrated Modeling Environment (IME)

## Problem

DON has a growing need for digital modeling tools working in Systems Modeling Language (SysML), Unified Modeling Language (UML), and other emerging languages in the context of Model-Based Systems Engineering (MBSE).

## Enterprise Solution

A cost effective and Government owned environment allowing communities to collaboratively develop models, control access to models, and to conduct version control and source control activities on digital models in the context of MBSE is essential in meeting the needs of today's DON Mission.

## What's Next?

- Increase network availability and speed
- Optimize license use
- Integrate Cameo with other Applications and develop a data management strategy
- TS SCI ATO- FY25 Q2
- Deploy a training environment

## Overview of Naval-Integrated Modeling Environment (N-IME)

CAMEO SYSTEMS MODELER	TEAMWORK CLOUD	CAMEO COLLABORATOR	OUTREACH (CONFLUENCE/TEAMS)	SERVICE DESK (JIRA)	SUPPORTED NETWORK(S)	LICENSE MANAGEMENT
Primary Modeling Tool	Central Model Repository	Web-Based Collaboration	Articles, Guides, Meetings, & Information	Accounts, Support, & Feedback	Connectivity, Access, & Troubleshooting	Procurement, Tracking, & Hosting
SysML & UML	Role Based Access	View Models in Browser	Quick Start/User's Guide	Account Requests	Authority to Operate	Non-Supported Network
UPDM2 / UAF	Element Versioning	Comment & Review	How-To's & Tutorials	Help Desk	Whitelisting	Dedicated Seat(s)
BPMN	Branch & Merge	Multiple Templates	Announcements/email	Formal Feedback	DISA Certifications	Unique Requirement(s)
Simulations	Collaborative Modeling	Document Like Views	Environment Status	Ticket Management	CAC & YubiKey	Timeline Restricted
Floating Licenses	Floating Licenses	Floating Licenses	Schedule, Roadmap, User's Schedule, Weekly & Bi-Weekly meetings	Field User Questions, Provide MBSE SME support to PEO's/users	NMCI (NIPR/SIPR), MCEN RDT&E (DREN/SDREN) TS GENSER & SAP1	License Consolidation of existing instances (e.g. NSERC)
Available for supported network(s)	Available for supported network(s)	Available for supported network(s)				



## Problem

Today (Dec 2022 - CNS), every application and data set in the DON has a unique and home-grown access control system. These vary in quality and maturity and are usually an afterthought for the design teams. This makes access for users very difficult, provides no auditable assurances to DON leadership that access is being prudently stewarded, and fails to offer robust and modern cybersecurity capabilities. In addition, this legacy access infrastructure costs more every year to sustain (or allow to degrade).

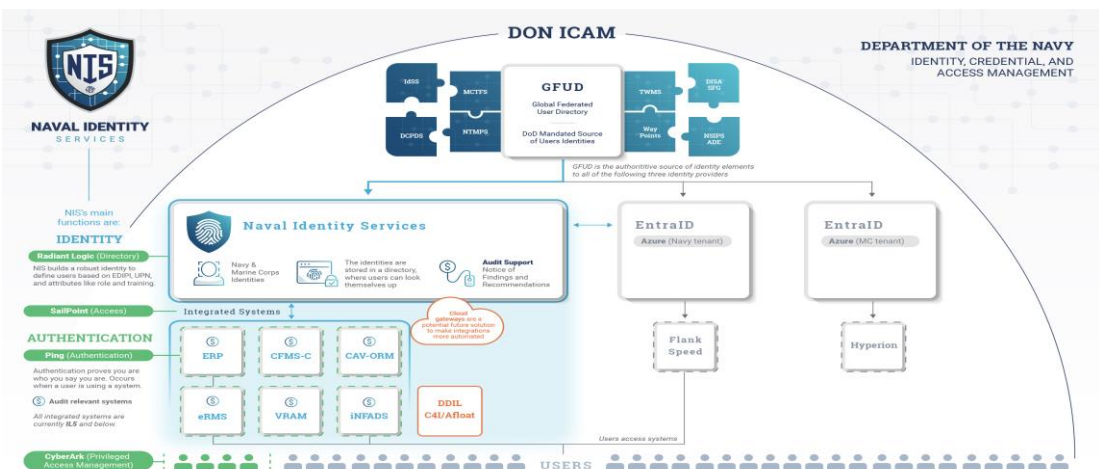
## What's Next

- USMC Hyperion/NIS Integration – Ongoing with the first offering by end of FY25
- Automated/Self-service onboarding - now through FY25
- IL6 (SIPR) Buildout - June 2025
- DDIL Deployment with C4I - FY26/27

## Enterprise Solution

## Unclassified Ashore Environment

- Identity Access Management addressed by the Naval Identity Management Module
- Privileged Access Management addressed by the Privileged Access Management Module
- Identity Directory Federation addressed by the Naval Identity Directory Module
- Identity Provider addressed by the Naval Identity Directory Module.







# Naval Enterprise Service Desk (NESD)

## Problem

With over 100 decentralized Tier 1 Navy help desks comprised of disparate systems executed with varying processes, differing reporting metrics, and a lack of governance, the DON is responsible for large cumulative costs, duplicating efforts, inefficiently utilizing resources, and suffering from stove-piped systems that ineffectively support our warfighters.

## Enterprise Solution

NESD is a centralized Service desk providing automated service desk capabilities (all service desk tiers) and Tier 0/1 support agents.\*

## What's Next?

- Enhanced Digital Dashboards
- Problem Manage with Cluster Analysis
- Amelia GPT

## Overview of the Navy Enterprise Service Desk (NESD)



8/21/2024





# COSMOS

## Problem

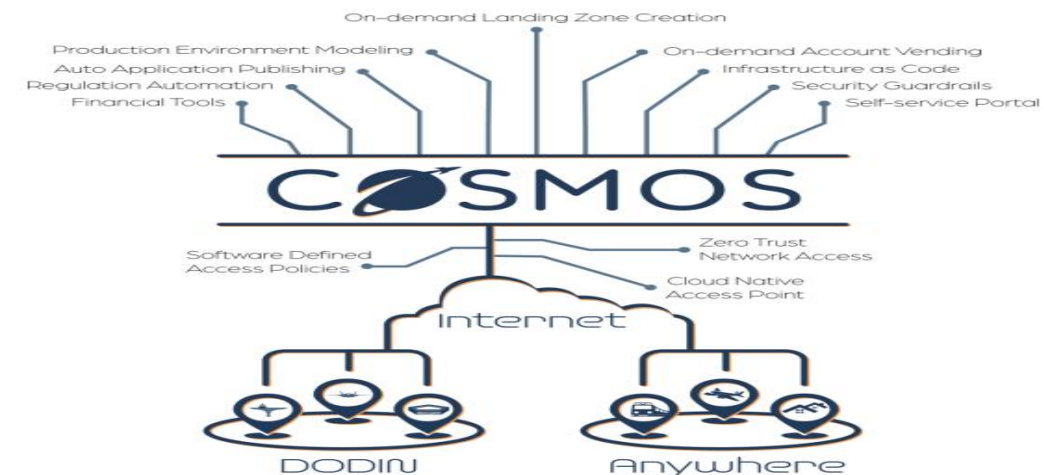
Research, Development, Test, and Evaluation (RDT&E) mission owners face many challenges associated with traditional GovCloud environments, such as speed of access to GovCloud, ability to self-manage their environment, high costs, Risk Management Framework (RMF) Authority to Operate (ATO) difficulties, network availability challenges, and the lack of native cloud service adoption support. To be innovative, our R&D community must have a cloud environment that permits them to develop the 'art of the possible' regardless of the size/budget of their program.

## What's Next

- Application Publishing
- AppStream 2.0
- Workspaces

## Enterprise Solution

COSMOS is a scalable unclassified GovCloud environment for Impact Levels (IL-4/5) that meets developer/mission requirements and removes current mission owner challenges. Any user with a DoD Common Access Card that is a U.S. citizen can access COSMOS from anywhere, on any device





# Navy Flank Speed & USMC Hyperion

## Problem

The Department of the Navy (DON) needs to continuously provide modern, enterprise-wide, cloud-based SaaS and messaging services. This requires a scalable, secure infrastructure that meets evolving demands and complies with regulatory and security standards. The challenge is to enhance these services to improve operational efficiency and support strategic goals.

## Enterprise Solution

Flank Speed and Hyperion are, respectively, the Navy and Marine Corps unclassified Microsoft 365 (M365) cloud environments that provide enhanced collaboration, productivity, and Zero Trust security features to support a more productive and distributed naval workforce of collectively more than 680,000 users worldwide. Both services encompass all the M365 and Azure cloud services, utilizing Impact Level 5 (IL5) Software-as-a-Service (SaaS) and IL5/6 Platform-as-a-Service (PaaS) and Infrastructure-as-a-Service (IaaS) solutions.

## Productivity Services

Word  
Excel  
PowerPoint  
OneNote

- OneDrive
- SharePoint
- Planner



## Messaging Services

- Outlook
- Teams
- Exchange Online



# Demo

# Enterprise IT Service Assessment

# Tool

Please use the following email to contact us:  
[DON\\_EnterpriseITServices@us.navy.mil](mailto:DON_EnterpriseITServices@us.navy.mil)



# Questions?

Thank you for attending!!

Please use the following email to contact us:

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