GENERAL DYNAMICS
Mission Systems

Surface Training & Readiness Management System (STRMS)

Smarter software solutions that focus on increased efficiency and readiness for the surface forces.

Retrieval and aggregation of information from several databases

Readiness & training tracker

Schedule & risk management for decision makers

Efficient watchbill design with embedded qualification tracking

Individual and team watchstanding proficiency scores

DevSecOps ready

Training videos

Overview

STRMS is a comprehensive tracking and readiness system that supports unit readiness, individual watchstander qualification/experience/ proficiency, tactical warfare competency tracking in support of the Surface Warfighting Combat Training Continuum, career progression and milestone accomplishment.

STRMS provides a single integrated system that supports the aggregation of several databases and facilitates the capability to manage Personnel Qualification Standards (PQS), Training, Watch Team Replacement Plans, Watchbills Schedules/Fatigue Risk Management, Performance Assessment, and Watchstation Proficiency.

A fleetwide deployment of STRMS to DDGs is underway and will expand to Amphibious Assault Ships and CVNs in 2025.

System Components:

- **Innovative System for Tracking Command Readiness:** STRMS is a platform hosted locally on the ship's CANES network. It employs an Agile software development process involving close coordination with TYCOM N7 SMEs (subject matter experts).

- **Modern Containerized DevSecOps Deployment:** This lightweight platform is an exceptional fit for ship network deployment and runs as a Virtual Machine (VM) on CANES. STRMS has a current ATO and is CANES certified. Afloat PaaS (Platform as a Service) – Cyber Secure

- **Cloud Capable:** The end state vision includes ship-to-shore data exchange. STRMS will use the AWS IL5 NAVSEA Cloud to facilitate the data exchange and access to the TYCOMs in support of readiness assessment across the Surface Fleet.

- **Mobile Devices:** STRMS has been designed to support a mobile component. A mobile pilot is part of the original design to support the larger Navy mobile concept of operations decisions.

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