

Sector Command Center Overview

Background

The Coast Guard (CG) Sector Command Center (SCC), under the direction of the Sector Commander, is responsible for monitoring and coordinating tactical operations within its geographic area of responsibility (AOR), coordinating operations with other SCCs, receiving requests for USCG resources from within their sector, and for translating Maritime Domain Awareness (MDA) into appropriate responses to hazardous situations. Each SCC acts as the eyes, ears, and voice of the Sector Commander who is empowered by law to accomplish various missions and responsibilities. The Sector Command Center is subordinate to District Command Centers and Area Command Centers within the CG Command and Control (C2) structure. There are 35 USCG SCCs covering the continental U.S., Hawaii, Guam, Puerto Rico, and Alaska. Additional information on the Coast Guard's organizational structure is available at <http://www.uscg.mil/top/units/>.

Infrastructure

SCC infrastructure consists of tangible investments such as facilities, as well as technology and equipment for command and control, computing, communications, intelligence, surveillance and reconnaissance (C4ISR). Each SCC includes the same basic components in order to meet operational requirements. Integration of SCC C4ISR capability with that of other major acquisition projects (such as Rescue 21, Deepwater, and NAIS) is accomplished through a configuration control board.

Facilities

All NAIS end-user functions will present themselves to the user from within the Standard Workstation III (SWIII), and will not require a separate user interface or stand-alone platform. The approved SWIII applications are listed in Attachment J8, Enclosure 11. No additional software applications can be added to the SWIII. If required, the following SCC infrastructure and IT facilities will be made available at the NAIS IOC SCCs of Mobile, Hampton Roads, and Delaware Bay:

- Adequate floor and rack space to support a standard half size (25 Rack Units (RU)) or full size (42 RU) 19" communications equipment rack
- Electrical power (approx 4KW) to support approximately 22 RU of rack mount standard rack mountable computing and telecommunications equipment
- Cooling to support computing and telecommunications equipment
- Network connectivity to CGDN+ / OneNet

Beyond the IOC phase, the SCCs may be able to support the NAIS system components; however, the contractor should be prepared to survey and recommend infrastructure changes with estimated cost.

