

Topic: NSWC-4

## NSWC Crane

Integrated Radar, Optical Surveillance and Sighting System (IROS3)

Responding to the increasing threats to high dollar value and exposed naval equipment, the Navy developed the Integrated Radar, Optical Surveillance and Sighting System (IROS3). This system includes the capability to surveil, track and respond to threats in a manual or semi-automated fashion. The core of the system consists of an intuitive user interface coupled with software drivers for external devices (e.g. cameras, spotlights and audible warning systems) and a digital input/output card capable of up to 32 connections. This system, along with a control console, electro-optical system, audible hailing device, spotlights and a stabilized weapon mount was demonstrated on board the USS Ramage (DDG 61) in 2003. The first system installed for operational use occurred in 2007. The technology is currently available for licensing.

Technology Category Alignment:

**Contact:**

Technology Transfer Office

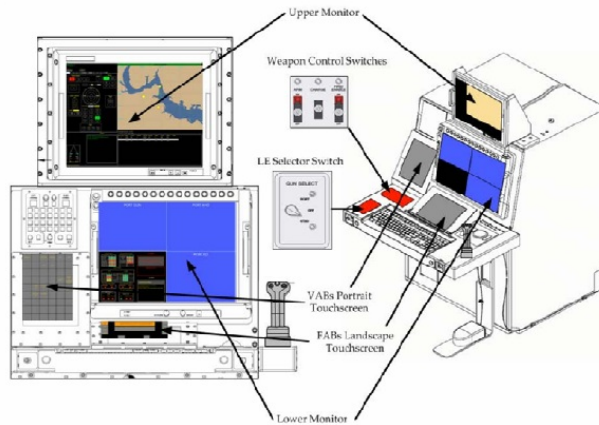
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**SYSCOM:** NAVSEA

**Contract:** ORTA-4

**WHO**

**SYSCOM:** NAVSEA  
**Sponsoring Program:**  
**Transition Target:**  
**TPOC:**  
**Other transition opportunities:**



**WHAT**

**Operational Need and Improvement:**  
**Specifications Required:**  
**Technology Developed:**  
**Warfighter Value:**

**WHEN**

**Contract Number:** ORTA-4

Milestone	Risk Level	Measure of Success	Ending TRL	Date

**HOW**

**Projected Business Model:**  
**Company Objectives:**  
**Potential Commercial Applications:**