

# Modus Operandi



Neal Stein, Technology PR Solutions  
nealjstein@techprsolutions.com  
(321) 253-8225

## NEWS RELEASE

### **Modus Operandi Awarded Navy Contract to Enhance Intelligence Gathering and Understanding on Submarines**

**MELBOURNE, FL, Jan. 27, 2009** – Modus Operandi, a leading software and information integration technology company, has been awarded a U.S. Navy contract to sharply improve the processing and understanding of intelligence data pouring into next-generation submarines. The \$70,000 Phase I Small Business Innovation Research contract--known as **Wave System of Systems (Wave SOS)**--calls for Modus Operandi to develop a semantic service-oriented fusion framework to integrate submarine sensor data to provide on-board analysts with a quicker understanding of what all the data coming into the system means.

Modus Operandi will leverage its Wave<sup>®</sup> Exploitation Framework, a semantic enhancement for service-oriented architectures such as the Navy SOA reference implementation, to accelerate the discovery and fusion of relevant multi-source intelligence and submarine sensor data.

To counter advanced threats, the Navy is designing and retrofitting submarines with improved sensors, weapons, and communications systems. Such advancements place stress on submarine system command and control personnel because of increased system complexity and increased quantity of information. Under **Wave SOS**, Modus Operandi will develop a semantic service-oriented framework to represent and fuse submarine sensor information and provide decision support. With the Wave-SOS technology, the Navy can greatly increase the understanding of sensor data, thereby increasing their ability to identify threats with confidence.

“Our part in supporting the Navy’s requirement is to provide the ‘semantic glue’ needed to fuse multi-source sensor data in a meaningful way, allowing system users to recognize adversarial activities within the context of diverse Navy missions.” said Richard Hull, vice president and chief scientist, Modus Operandi. “The Navy will benefit with improved cognitive processing of sensor information thereby reducing the workload on operators and their commanders.”

#### **About NAVSEA**

The mission of the NAVSEA is to develop, deliver and maintain ships on time, on cost for the United States Navy. They provide our Nation with the capabilities to meet a dynamic set of requirements that include national defense, maritime security and humanitarian relief.

#### **About Modus Operandi**

Modus Operandi is a software technology company focused on accelerating information discovery, integration and fusion for customers in the defense and intelligence community. Since 1984, the company has been on the forefront of information technology advancement. As a result of continuous innovation and multi-million dollar investment, our solutions are now at work in many mission critical operations.

TAMPA

MELBOURNE

Fort Monmouth, NJ

122 Fourth Avenue

Indianapolis, FL 32903

Phone: (321) 984-3370

FAX: (321) 728-3957

[www.modusoperandi.com](http://www.modusoperandi.com)

Additional information on Modus Operandi solutions is available from Modus Operandi, Inc., 122 Fourth Avenue, Indialantic, FL 32903. Phone: (321) 984-3370. Fax: (321) 728-3957. E-mail: [inquiries@modusoperandi.com](mailto:inquiries@modusoperandi.com). Website: <http://www.modusoperandi.com>. The company maintains offices in Fort Monmouth, N.J.; Tampa and Melbourne, Fla.

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