

Modus Operandi

Judy Gasperini, Marketing Group
jgasperini@modusoperandi.com
(321) 984-3370 x 231

PRESS RELEASE

Modus Operandi Awarded \$730,000 Contract to Develop Technology for Semantic Interoperability of Army C4ISR Systems

- *Innovative technology for semantic information discovery – plus integration of structured and unstructured data – powers network centric integration and interoperability.*
- *Results in ‘smarter’ data, reduced system cost and complexity, and dramatically enhanced situational visibility in support of the warfighter.*

MELBOURNE, Florida, April 19, 2006 – Modus Operandi, a leading software and information integration technology company, has been awarded a two-year \$730,000 contract by the U.S. Army Communications-Electronics Life Cycle Management Command (C-E LCMC). The contract, entitled **SE-Wave Integration Tool Set for Army Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR)**, was awarded under the Small Business Innovation Research (SBIR) program. Modus Operandi will extend their powerful Wave® product to support semantic interoperability of Army C4ISR systems.

A key area of innovation is the semantic integration of data from both structured sources such as messages and databases, and unstructured sources such as text and audio. Under the SE-Wave contract, Modus Operandi will use an ontology (model of the data) to add semantic knowledge to C4ISR data, and provide access to the data via the ontology using their Wave product together with the BEA AquaLogic Data Services Platform™ as the underlying data federation engine.

According to Stewart Fenick, the Army’s technical representative on the contract, “The initial target application for SE-Wave technology and tools will help the Intelligence and Electronic Warfare (IEW) Division in their ability to maintain Post Production Software Support (PPSS) efforts, specifically relating to the Guardrail Common Sensor (GRCS) intelligence, surveillance and reconnaissance (ISR) system.”

According to Modus Operandi President and CEO, Peter Dyson, “The need for semantic interoperability stems from the difficulty in integrating systems – encompassing modern systems as well as legacy systems – that were developed using different vocabularies and different reference frames for their data. Traditional integration approaches that add additional program logic to translate between different frames of reference quickly run into challenges relating to cost, complexity, and performance. Semantic interoperability takes a different approach, by making the data smarter, rather than the applications. Using this approach, systems are able to exchange data in such a way that the precise meaning of the data is readily accessible and the data itself can be translated by any system into a form understood by that system. In theory, this represents a major breakthrough in how we build and integrate very large systems. With SE-Wave, Modus

Operandi is taking theory to practice, providing the technology and tools that will enable the achievement of the vision of semantic interoperability."

About Modus Operandi

Modus Operandi provides products and services to connect people with enterprise information. Since 1984, the company has been on the forefront of information integration technology advancement. Today, Modus Operandi provides semantic integration technology and services to address complex information integration challenges.

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. Website: <http://www.modusoperandi.com>. The company maintains offices in Ft. Monmouth, NJ; Tampa and Melbourne, Florida.

Wave is a registered trademark of Modus Operandi. BEA AquaLogic Data Services Platform is a trademark of BEA Systems, Inc.