

# Modus Operandi

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

## PRESS RELEASE

### **Modus Operandi Wins \$750,000 Contract for Decision Explanation Engine Platform**

*Innovative Solution Will Provide Ontology-Based Reasoning Capability for Faster, More Accurate Decision Making by Launch Operations Staff at the U.S. Air Force's 45<sup>th</sup> Space Wing*

**MELBOURNE, Florida, July 10, 2007 – Modus Operandi**, a leading software and information integration technology company, has been awarded a \$750,000, two-year Phase II Small Business Innovation Research (SBIR) contract by the Air Force Research Laboratory. The contract, entitled **DEEP (Decision Explanation Engine Platform)**, was awarded in support of the U.S. Air Force's 45<sup>th</sup> Space Wing Knowledge Management Initiative. Modus Operandi will use its powerful **Wave**<sup>®</sup> semantic data services layer to apply a semantic model to federated data that will enable a flexible and powerful reasoning capability over real-time events for launch decision support. This project will directly contribute to the **Wave** product by adding new reasoning capabilities.

Launch operations staff at the 45<sup>th</sup> Space Wing are required to make mission-critical launch decisions based on large amounts of distributed, fragmented information. **DEEP** addresses the most pressing technical challenge for decision reasoning: how to focus the ontology (or model) and reasoner on the subset of facts and relationships necessary to answer the decision-maker's question.

Says Modus Operandi President and CEO, Peter Dyson, "Ensuring America's preeminence in space launch involves high tempo operations that rely on timely, trusted information. The 45<sup>th</sup> Space Wing is underway with an initiative to increase the level of integration of its disparate data sources. Now, one of the next challenges is the ability to effectively reason about the data to rapidly distill essential knowledge. We are targeting this important and exciting challenge on the **DEEP** project by extending **Wave** to provide ontology-based reasoning in support of launch operations. The resulting new technology will speed the cycle time for making informed decisions".

#### **About Modus Operandi**

Modus Operandi accelerates customer mission success by modernizing software systems and liberating information. Since 1984, the company has been on the forefront of information integration technology advancement. As a result of continuous innovation and multi-million dollar investment, our solutions are now at work in many mission critical operations.

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:

TAMPA

MELBOURNE

Fort Monmouth, NJ

122 Fourth Avenue

Indialantic, FL 32903

Phone: (321) 984-3370

FAX: (321) 728-3957

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

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

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