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## PRESS RELEASE

### **CECOM and Modus Operandi Develop Leading-Edge Technologies via SBIR Program**

MELBOURNE, Florida, November 23, 1998 – Modus Operandi, Inc., based in Melbourne, Florida, is currently developing two innovative software technologies under the sponsorship of CECOM's Small Business Innovation Research (SBIR) program, which is overseen by Program Manager Joyce A. Crisci. Mr. Ed Bair, Deputy PEO for CECOM's IEWS group, has also provided major support for Modus Operandi's Solomon and Syzygy efforts.

**Solomon** is an innovative approach for improving measurement-based management decision-making during the development and support of Mission-Critical Defense System (MCDS) software. This software system provides comprehensive management support and advances the state-of-the-practice for software measurement. The technology provides an automated management measurement decision support tool. Solomon is an innovative solution that combines measurement technology with knowledge-based technologies and case-based reasoning to provide a robust decision support environment for program managers. Solomon helps the program manager select and tailor a measurement program, guides the manager through a series of appropriate analyses of collected data, uses established thresholds to interpret analysis results and determine current situations that indicate potential problems. It presents the manager with a collection of applicable corrective actions based on past experience.

Mr. Stewart Fennick serves as CECOM Project Manager for the Solomon effort, and is providing a high level of technical guidance and domain expertise to the development team at Modus Operandi. This effort is currently under SBIR Phase II development, with a fully functioning prototype nearing completion.



CECOM is also sponsoring the **Syzygy** program, which provides an innovative approach for developing a software metrics global database. Syzygy captures local data, and then integrates and aligns it to provide a global view. Syzygy supports the identification of process improvement opportunities, the tracking of organizational performance trends, benchmarking, and the estimation of new projects, even if all data was not collected using the same schema. A central part of Syzygy's technical solution is the definition of an object-based structure of reference models, intermediate models, and project models that describe and align native project data.

Mr. Stewart Fennick also serves as CECOM Project Manager for the Syzygy effort, which is currently under SBIR Phase II development, with a fully functioning prototype nearing completion.

Throughout the development of both the Solomon and Syzygy technologies, CECOM and Modus Operandi have worked closely to ensure that the final products will be highly beneficial to future U. S. Army operations – both today and into the new millennium. Typical to any of Modus Operandi's SBIR efforts, the company has also stressed its dual-use approach to product development, which ensures a smooth technology transfer to the commercial marketplace. With CECOM's continuing support and participation in the development process, Modus Operandi is able to provide the Army leading-edge technologies that meet all technical, time, and budget requirements. This optimal teaming arrangement is helping the U.S. Army maintain its worldwide technological advantage into the 21st century.

### **About Modus Operandi**

Modus Operandi is a leading Enterprise Integration Solutions company. From the creation of business and IT architectures designed to meet its clients' specific needs to the development of their enterprise information portals, Modus Operandi delivers complete e-Business solutions that make business sense.

The company's proven, standards-based approach provides scalable, robust and secure enterprise integration solutions that keep pace with its clients' growth. Modus Operandi helps clients accelerate the deployment of their strategic business and technology solutions, including the integration of existing processes and systems with new Web-enabled capabilities.

As a result, Modus Operandi's Enterprise Integration Solutions produce a tailored business and technology infrastructure that integrates and aligns its clients' business operations and their Information Technology to achieve benefits such as:

- Agility in the development of new, streamlined and automated business processes.



- Ready access to integrated business knowledge through Enterprise Information Portals.
- Improved speed, accuracy and efficiency in business decision-making processes.
- A robust, scalable and secure multi-tier enterprise architecture.

Additional information on the company's expertise in providing leading-edge e-business solutions is available from Modus Operandi, Inc., 122 Fourth Avenue, Indialantic, FL 32903. Phone: 321-984-3370. Fax: 321-728-3957. E-mail: [info@modusoperandi.com](mailto:info@modusoperandi.com). Website: [www.modusoperandi.com](http://www.modusoperandi.com). The company maintains offices in Atlanta, West Palm Beach and Melbourne, Florida.