

CAPABILITY STATEMENT

709 S. Harbor City Blvd., Suite 400
Melbourne, FL 32901-1936
Tel: 321.473.1400
Fax: 321.473.1499
www.ModusOperandi.com
DUNS: 130550262
CAGE: 1BN77
GSA Contract: 47QTCA19D00AA

NAICS:

511210 Software Publishers
518210 Data Processing, Hosting,
and Related Services
541330 Engineering Services
541511 Custom Computer
Programming Services
(Primary)
541512 Computer Systems
Design Services
541513 Computer Facilities
Management Services
541519 Other Computer
Related Services
541611 Administrative
Management and
General Management
Consulting Services
541613 Marketing Consulting
Services
541614 Process, Physical
Distribution, and
Logistics Consulting
Services
541618 Other Management
Consulting Services
541690 Other Scientific and
Technical Consulting
Services
541715 Research and
Development in the
Physical, Engineering,
and Life Sciences
(except Nanotechnology
and Biotechnology)
611420 Computer Training

Contact Information:

Steve Hamby
Executive Vice President
C: 678.346.6386
shamby@modusoperandi.com

Living Intelligence enhances decision-making efficiency and accuracy by enabling human and machine analysis of relevant data for publishing in required formats.

COMPANY

Modus Operandi is a high-tech software company serving the U.S. defense and intelligence community. Our passion is harnessing data and technology to empower smarter decisions. Our Living Intelligence software enables organizations to optimize their decision-making processes. Our proven process combines our advanced technology, our team's engineering and scientific expertise, and our rigorous implementation methodology. We are a small business with the agility and technical expertise to expeditiously respond to customer mission requirements.

Our Promise to our Customers: We promise to improve your decision-making process and resulting outcomes.

DIFFERENTIATORS

- \$40+ million invested in technology development (private investment and sponsored research)
- More than \$120 million total in Federal Contracts
- 35 years of operation in providing improved mission capabilities
- 95% of technical and executive employees hold security clearances
- Corporate office in Melbourne, Florida
- Field offices in Aberdeen, Maryland and Huntsville, Alabama
- Innovative products and services portfolio
- Transformational Living Intelligence capabilities empower smarter decisions
- Extensive ISR Domain expertise
- We learn the customer's vision and make it our own

CORE COMPETENCIES

Our passion is harnessing data to empower smarter decisions. We deliver technology that helps organizations enable smarter decisions. Our approach combines our advanced software products with our team's rare engineering and scientific expertise and our rigorous implementation methodology to solve our customers' toughest data problems.

Optimizing human and machine analysis of your data enables decision-makers to access the knowledge needed to decide faster and smarter. Our approach uses machine learning algorithms to increase efficiency of the analysis and production process while humans increase accuracy and precision.

Movia Data Intelligence™ informs the decision-making process of available data across the enterprise and how to access, which increases efficiency since analysts no longer spend significant time finding data.

Movia Ingest™ integrates with many Big Data platforms and extract-transform-load (ETL) software to automate the data ingest, cleansing, enrichment, and correlation of structured, semi-structured, and unstructured data sources, which further increases analysis efficiency.

Movia Analytics™ provides descriptive, predictive, and prescriptive analytics to help users better understand their data, the potential future state, and recommended actions to resolve issues. Movia Analytics provides a pluggable interface for integrating algorithms, such as pattern of life, correlation, fusion, state estimation, etc.

Movia Analyst Workbench™ enables users to perform analysis on their complex data in a “wiki-like” interface, providing plug-and-play interoperability with other visualization tools, such as social network analysis, temporal analysis, maps, business intelligence and reporting, desktop spreadsheets, and more. Movia Analyst Workbench enables users to include enriched knowledge in structured, semi-structured, and full-text reports, forms, and other template-based reporting products that are required for decision-making. Movia Analyst Workbench keeps a live copy of the product, such that if there are any changes to underlying data sources or analysis results, Movia alerts the author and subscribers of the product(s). This capability automates and optimizes collaborative, continuous decisions and persistent decisions.

Movia CoreOBP™ provides a standards-based, scalable entity management system (EMS), integration interfaces, workflow, alerting and notification services, and other components core to Movia in providing its core object-based production capabilities. A key differentiator is **Movia Workflow™** to provide a standards-based service for automating the analysis process and integrating this human-machine teaming to enable efficiencies in the decision-making process. This optimizes human-machine integration across the decision-making process, delivers the produced information to the decision maker with needed provenance, and records the process for future analysis and continuous process improvement. Movia Workflow provides an innovative, adaptive workflow based on the knowledge being developed to support a specific decision and helps identify the optimal orchestration of workflow tasks (i.e., human and machine) to best generate the required knowledge.

PAST PERFORMANCE

- **Small Business Prime Contractor** on IDIQ contracts for USAF Metis II, Navy SeaPort-NxG and USAF DMO vMDC.
- **Missile Defense Agency.** Developed machine-learning system to extract and normalize relevant concepts from a system’s current and future capability along with M&S scenario needs to facilitate inference and reasoning, yielding achievable and robust objectives. Developed system for left of launch sensor situational awareness.
- **Army CECOM, PM Sensors-Aerial Intelligence.** Developed system for enhanced situational awareness for manned and airborne and ground based sensor platforms and systems. Developed high-throughput, small-footprint cross domain solution for airborne systems.
- **Office of Naval Research, Air Force Research Laboratory.** Developed data evaluation, modeling, and visualization tools.
- **Air Force Research Laboratory.** Developed engineering change process and lab process flow optimization.
- **Office of Naval Research.** Developed machine-learning analytics for pattern of life analysis over spatial, temporal, network and statistical data.
- **AFTAC.** Maintaining / enhancing knowledge management system.
- **Army Research Office.** Developing small footprint field-expedient analysis system. Developing team effectiveness
- **National MASINT Office.** Upgrading data matching system.
- **Joint Staff.** Enhancing global force management analysis.
- **Air Force.** Developing multi-domain cyber information management system.