MODUS OPERANDI™
RELEASE THE GENIUS IN YOUR DATA

CAPABILITY STATEMENT

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DUNS: 130550262
CAGE: 1BN77
NAICS:
511210 Software Publishers
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
541712 Research and
        Development in the
        Physical, Engineering,
        and Life Sciences
        (except Biotechnology)

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In a world of data-tsunamis, where analysts are awash in signal feed and intel reports, being the first to discover a critical pattern will give you the tactical advantage.

COMPANY

Modus Operandi is a high-tech software company serving the U.S. defense and intelligence community. Our purpose is to help defend and protect our country, our allies, and our planet by providing innovative software for transforming data into wisdom. Our approach combines our advanced semantic technology and our team's engineering and scientific expertise with our rigorous implementation methodology. We empower our clients to take preventative action or gain competitive advantage, on the battlefield or in the boardroom, by providing mission-critical data-discovery and data-fusion techniques, resulting in timely, actionable intel for tactical decisions.

Our Promise to our Customers: We promise to provide visible, incremental capabilities which are responsive to your evolving needs.

DIFFERENTIATORS

- $40 million invested in research by SBIR, STTR, RIF and BAA programs
- Over $120 million total in Federal Contracts
- 30+ years of operation in providing improved mission capabilities
- 82% of employees hold security clearances
- Local corporate office in Melbourne, FL and field office in Aberdeen, MD
- Innovative data evolution products and services portfolio
- DIKW = Data → Information → Knowledge → Wisdom technical knowledge
- 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 discover the hidden patterns of potential threats and opportunities—the genius—locked in their data. Our approach combines our advanced solutions that leverage next generation semantic technologies, with our team's rare engineering and scientific expertise, and our rigorous implementation methodology.

Being first to discover critical patterns in your data provides tactical advantage in the field, and our portfolio of capabilities provides the infrastructure required to support complex analytics and reasoning across large and complex data fast enough to empower modern situational awareness.

As facts related to a changing situation stream in, correlations and relationships need quick discovery, validity must be be established, and patterns of threat or opportunity must be brought to the analysts' attention.

Our Intel Analytics Platform spans from inbound data fusion, through information discovery and analysis, to collaborative user tools for sharing and reporting.

Archivist. Modus Operandi's Archivist is a tool that provides a review and validation capability for use by imagery analysts that includes a list-based work cue, map orientation of extracted objects, thumbnail image of extracted objects, and attribute views that contain automated and user input fields, complete provenance and pedigree of analyst comments and data.

Blade. Modus Operandi's Blade is a semantically-enhanced wiki that is designed to maximize the warfighter's access to and sharing of all- source intelligence information. It is a semantic-intelligence platform that breaks information boundaries by allowing analysts to connect content in new ways that go beyond the level of today's user interfaces. Blade is a real-time information enrichment and dissemination system for users that extracts and fuses intelligence for the safest and most efficient conduct of a mission.

Movia. Modus Operandi's Movia provides complex pattern analysis and analyzes your data for threats and vulnerability patterns, as well as early indicators of emerging opportunities. Combining both statistical and logical heuristics, Movia provides unprecedented deep analytics. Most analytics are only forensic, looking backward to find what happened in the past. MOVIA expands this capability to also mine for future patterns of interest, monitor your current situation in real-time, and detect emerging changes over time.

Process Automation: Modus Operandi's PA tool provides a semantic Object-based Production capability seamlessly integrated into the Modus PA engine – providing a more transparent, efficient, and effective engineering change and lab process flow capability.

POLIS. Modus Operandi has identified the value of Pattern of Life (POL) analyses, by developing bottom-up information-processing techniques, analyses, and alerting methodologies, while laying the foundation for fusion of entity- and state-level POLs to produce insights into data sources for enhanced decision making.

DocSim. Modus Operandi researched and developed a generalized natural language processing (NLP) and machine learning (ML) toolset that can automatically match unstructured documents containing similar concepts, and facilitate reasoning and analysis over the results.

Fluxus. Modus Operandi has developed a virtual machine (VM) asset management system to maintain awareness across large virtualized system deployments.

Past Performance

- **Missile Defense Agency.** Information Technology – Data Handling. Provided a tool 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. DocSim
- **Army CECOM, PM Sensors-Aerial Intelligence.** Enhanced Situational Awareness for manned and airborne and ground based sensor platforms and systems. Maestro.
- **Office of Naval Research (ONR), Air Force Research Laboratory (AFRL).** Data Evaluation Tools – Modeling/data tools development and Data Visualization. Blade and Movia.
- **Air Force Research Laboratory (AFRL).** Process Improvement – Engineering change process and Lab process flow optimization. Process Automation.
- **Office of Naval Research (ONR).** Data Evaluation Tools – Time Series Analysis. POLIS
- **AFTAC.** Data Evaluation Tools – Data Visualization. Geographical Information Data management (GIDM)
- **Army SMDC/ARSTRAT.** Asset Management – Modernized asset management. Fluxus