



Model Driven Solutions
Where Business Meets Technology

Capabilities Statement

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Model Driven Solutions

General Information

Registered Company Name:	Data Access Technologies, Inc. (DAT)
Doing Business As:	Model Driven Solutions
Office Telephone:	+1.703.992.9105
Office FAX:	+1.703.992.9125
Email Contact:	info@modeldriven.com
Web Site:	www.modeldriven.com
D-U-N-S Number:	019383376
EIN Number:	65-0646597
GSA FSS IT 70 Schedule:	GS-35F-0568R

Business Information

Year Incorporated:	1996
State of Incorporation:	Florida
SBA Status:	Certified Small Business
Number of Employees:	8
Number of Years in Business:	10
Payment Terms:	Due upon Receipt

Offices

8605 Westwood Center Drive Suite 505 Vienna, VA 22182	104 Walton Heath Suite 100 Williamsburg, VA 23188
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Major Clients

Government

- GSA OCIO
- GSA OCFO
- NARA
- US Army PEO STRI

Commercial and Government Subcontracting

- Unisys
- Raytheon
- Kaiser Permanente
- LMI
- Barquin International
- Lockheed Martin

Key Contacts

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About Model Driven Solutions

Model Driven Solutions is a leading provider of professional services and products that leverage **Services Oriented Architecture (SOA)**, the Object Management Group's (OMG) **Model Driven Architecture (MDA)** techniques and standards. We assist major organizations in achieving effectiveness and agility in a changing and collaborative world.

Founded in 1996, as Data Access Technologies, Inc., Model Driven Solutions has been a leader in the development of open standards and supporting products that result in SOA based Executable Enterprise Architectures (EEA). Model Driven Solutions' EEA focus helps drive information systems to quickly and cost effectively address business and defense initiatives.

Active in the Object Management Group (OMG), the Organization for the Advancement of Structured Information Standards (OASIS) and other standards development organizations, Model Driven Solutions has provided industry leadership that is, today, resulting in significant technological advancements and customer satisfaction. With customers like the General Services Administration (GSA), the US Army, Raytheon, Lockheed Martin, Kaiser Permanente, Unisys and many others, Model Driven Solutions is at the leading edge of today's software technology advances.

Current projects include:

- Development of an integrated IT Portfolio Management program that provides a management and governance framework for GSA to identify opportunities to both reduce the cost base for the agency and to improve services to customers (i.e., sharing, reuse, collaboration, new capability development, etc.) It provides Service and Staff Organizations (SSO's) greater insight into the enterprise impact of their investment decisions and improves understanding of GSA's capabilities, allowing GSA to better leverage and support cross-agency initiatives, as laid out in the upcoming Federal Transformation Framework (FTF) and Federal Enterprise Architecture (FEA). This project also served as a communication and education vehicle to more effectively show the value of Model Driven Architecture (MDA) and Service Oriented Architecture (SOA) solutions.
- Developing an Open Source eGovernment Reference Architecture (OSeRA) under the direction of the GSA OCIO. This industry leading-edge project targets the integration of multiple tools, visualization environments and execution platforms in a single Open Source environment.

Major recently completed projects include:

- Developed a detailed architecture for "Contract Writing" within GSA. This project details the business processes and supporting technologies required to meet the requirements that are part of the overall Federal Acquisition Architecture.
- In February, 2006 Data Access Technologies, Inc. was awarded a (up to 5 year) Blanket Purchase Agreement (BPA) for support of GSA's Office of the Chief Information Officer. DAT was the Prime contractor on this successful bid that was supported by subcontractors Booz|Allen|Hamilton, Ciber and OmniSolve.
- The development of a detailed Enterprise Architectures for the GSA OCFO. In OMG MDA terms, this comprises a Computational Independent Model (CIM), a Platform Independent Model (PIM) and a Platform Specific Model (PSM). The end result was a streamlined target Financial Management business process supported by the detailed specifications for a number of Service Oriented Architecture (SOA) based components that, together, will comprise the Financial Management Line of Business. Each area maps to the appropriate OMB FEA Reference Model.

- Detailed business process integration modeling of a wireless telecommunications start-up to provide it the agility to react to both business and technology changes rapidly.
- Information modeling, in UML, of the domain vocabulary used in the use case specifications of FEA components for records management, as developed by the National Archives and Records Administration (NARA) in conjunction with several agencies across the Federal government.
- Providing an industry expert review of the application of MDA standards, best practices and methods in the development of the DoD Strategic Integrated Air Picture (SIAP).
- Modeling, under the direction of the GSA OCIO, the CIM (business) level integrated Enterprise Architecture for the entire GSA known as the “One GSA” architecture.
- Modeling a major portion of the C4I Driver simulation environment for the US Army PEO STRI.

Model Driven Solutions is dedicated to providing responsive solutions, recommendations and standards-based best practices to our clients’ complex and dynamic requirements. We focus in particular on:

- The identification, analysis and transformation of business processes and information used in an enterprise to executable standards-based process and data models for subsequent analysis and, where appropriate, systems development.
- The integration and execution of the latest technologies, skills and services.
- The creativity, flexibility and efficiency crucial to meeting the evolving needs of the client.
- The employment of highly-skilled, educated and motivated professionals with a history of successful accomplishments in their professional arena.

We achieve results that exceed expectations in all of the projects we perform.

Model Driven Solutions seeks projects or contracts where we perform either as the primary contractor or sub-contractor. We welcome partnering opportunities. Our prime market focus is the Federal Government; however, we also market and provide services to the private sector and state and local governments.

Model Driven Solutions welcomes an opportunity to discuss our services and how we may support your company in current and future endeavors.

Model Driven Services Specific Areas of Expertise

Model Driven Services has extensive experience in providing the analysis and standards-based modeling to support major Government and Commercial modernization efforts.

Our specific areas of expertise include the following:

Enterprise Architecture Development

- OMG MDA standards
 - UML, EDOC, ECA, CCA, ADM
 - ...and numerous others
- Modeling of MDA based separation of concerns
 - CIM, PIM, PSM
- Modeling to represent the OMB EA Reference Models
 - BRM, SRM, TRM, DRM, PRM
 - Data Flow Analysis
- Top-down (MDA) and bottom-up (ADM) integration
 - Legacy wrapping techniques
 - System-of-System integration
- Architecture Documentation
- Semantic Web/Ontology application to Architecture

- Executable Architectures
 - Model simulation
 - Code generation
 - Integration (wrapper) generation
- Architecture tool and methodology Training
- “As-is” and “To-be” gap analysis
- Sequencing Plan development
- Business Case development

Enterprise Architecture Tooling Development and Integration

- Standards based
- Advanced technologies
 - Model Driven
 - SOA
 - Web services
 - Semantic Web
 - Business Process Management

Model Driven Solutions History Formerly operating as Data Access Technology (DAT)

Date	Activity
1996	DAT founded and incorporated. Originally a spin-off from Data Access Worldwide, a successful development tooling/4GL developer and marketer
1996	DAT Joins OMG, participates in the development of CORBA
1997	DAT obtains a multi-million dollar NIST development grant
2001	DAT develops the EDOC UML profile that is standardized by OMG
2002	DAT wins a major contract for EA development with Kaiser Permanente
2003	DAT wins a Unisys development contract
2003	DAT wins its first GSA proof of concept (POC) project
2004	DAT wins a modeling simulation contract with the US Army PEO STRI
2004	DAT awarded a pilot GSA project based on the success of the POC
2004	DAT awarded subcontract to develop GSA's OneGSA EA
2005	DAT awarded subcontract to further enhance GSA's OneGSA EA with a major "drill-down" and system specification sponsored by the GSA OCFO
2006	DAT leads a major industry team bidding for a Blanket Purchase Agreement for continuing OneGSA EA work with GSA OCIO
2006	DAT awarded two contracts (Contract Writing and Integrated IT Portfolio Management) under its BPA with GSA
2006	DAT begins operating as Model Driven Solutions
2006	Model Driven Solutions initiates operations of ModelDriven.org

DAT Standard Industrial Classification Codes

NAICS Code	SIC Code	Description
541511	(7371)	Custom Computer Programming Services
541512	(7373)	Computer Integrated Systems Design
541519	(7379)	Computer Related Services
541611	(8742)	Strategic Planning Consultant Services
541618	(8748)	Business Consulting Services