Capabilities Statement

General Information

Registered Company Name:	OSUM Solutions, Inc
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Website:	www.osumsolutions.com
DUNS Number:	147205509
CAGE Code:	3Z3A0
SBA ID:	P0485099

Business Information

Year Incorporated:	1999
State of Incorporation:	Virginia
Small Disadvantaged Business Certified:	2005
SBA 8(a) Certified:	2006

Offices

Headquarters
5036 Village Fountain Place
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About OSUM Solutions, Inc.

OSUM combines the disciplines of business strategy, technology and user experience to solve business problems. Large enough to have the knowledge you would expect from a large consultancy but small enough to be agile, responsive and flexible. Our mission and results are one in the same: Never fail a client.

We have a unique corporate culture built by people who love what they do, respect the people they work with and enjoy the experience of working closely with clients to achieve results.

We understand that technology alone doesn't fix problems or accomplish business objectives. As such, we give our clients a real partner. We're large enough to have expert knowledge and experience, yet

small enough to be flexible, agile and responsive. No matter the size of your organization, or challenge we'll provide unbiased consultation and solutions to fit your needs

Incorporated in 1999, we are a SBA certified 8(a) Small Disadvantaged Business whose experienced consultants consultants are Microsoft Certified Professional Developers, Microsoft Certified IT Professionals, Microsoft Certified Technology Specialists, Microsoft Certified Database Administrators, Oracle Certified Database Administrators, Security + Certified, and Certified Navy Validator. Members of our team's projects have been recognized by Microsoft Corporation, receiving the Microsoft Government Innovation Award, and Microsoft System Partner Solution Builder Grand Prize. Out team member's solutions have been featured in the Department of the Navy's technology magazine, CHIPS. As well, OSUM's solutions have been recognized by the Department of the Navy Chief Information Officer (DONCIO) as an example of an innovative implementation of Web 2.0 technologies within the Department of the Navy, and our work was recognized with a Letter of Appreciation from the Associate General Counsel (Management) of the Department of the Navy Office of General Counsel.

Our clients include the Department of the Navy, FedBid.com, Montgomery County Public Schools, DynCorp International, Computer and High-tech Management, DKW Communications, and Megasoft.

Our unique breadth and depth of knowledge allows us to offer consulting services in the following areas: Information Assurance, Strategy and Program Management, Web Design and Development, Social Media, Enterprise Database Services, and Business Intelligence.

NAICS Codes

541511 - Custom Computer Programming Services
518210 - Data Processing, Hosting, and Related Services
541330 - Engineering Services
541512 - Computer Systems Design Services
541513 - Computer Facilities Management Services
541519 - Other Computer Related Services
541611 - Administrative Management and General Management Consulting Services
541618 - Other Management Consulting Services
541990 - All Other Professional, Scientific, and Technical Services
611420 – Computer Training

Services

- Systems and Software Requirements Definition and Documentation
- Software Development Support
- Systems Development Support (Requirements Definition, Design, Implementation)
- Certification and Accreditation
- Independent Verification and Validation (IV&V) Support
- Service Oriented Architecture (SOA) Enterprise Application Integration
- Department of Defense Architectural Framework (DoDAF) Development Support
- Product Lifecycle Management

- On-Site Support for Product Testing and Analysis
- System Operational Evaluation
- Software Maintenance and Support
- Enterprise Application Development
- Project Management
- Software Configuration Management
- Product Training and Support
- Prototype Development
- Network Architecture Design and Implementation
- Active Directory Design and Management
- Database Administration
- Web 2.0 Implementation

Past Performance

Department of the Navy, Washington, DC
OSUM successfully completed the Department of Defense Information Assurance Certification and Accreditation Process (DIACAP) process, with the end result of an Authority to Operate (ATO) for two systems, granted by the Designated Approval Authority for the Department of the Navy. OSUM prepared the requisite deliverables, provided engineering support and executed security testing. OSUM completed the System Identification Profile, DIACAP Implementation Plan, Validation, DIACAP Scorecard, POA&M for two systems, and represented our client in all facets of DIACAP process' activities, including initiating and planning IA C&A, implementing and validating IA controls, collaboration meetings discussing certification determination and accreditation decision, and maintaining authorization of operate and conducting reviews.

Department of the Navy, Washington, DC
OSUM developed an Alternative Dispute Resolution Tracking system using the latest Microsoft .Net and SQL Server technologies to create a fast, clean, user-friendly application. Extensive use of AJAX technologies on the front-end, along with server side caching of data on the backend allowed us to provide the user with all of the information they need to complete their tasks as quickly as possible. Additionally the multi-tier architecture used to develop the system allows for easy modification to meet new requirements established by the customer. The system is the primary tool to collect, report and analyze alternative dispute resolution data for cases throughout the Department of the Navy. It is used in tailored forms for workplace and non-workplace alternative dispute resolution processes. For convening officials, it helps schedule, communicate and monitor the status of events they sponsor. For Coordinators, it assists in the recertification and training process for the Navy Certified Mediators Program. For Navy Certified Mediators, it allows mediators to keep their contact info up to date and view their status as they progress in the Navy Certified Mediators Program. In short the system is a comprehensive data collection system intended to improve alternative dispute resolution processing at all levels in the DON.

Department of the Navy, Washington, DC

OSUM successfully gathered requirements, designed, implemented, tested, documented and maintains the central source for litigation case tracking data that supports the unique needs of a Department of the Navy client, in offices around the world. The Microsoft ASP .Net and SQL Server 2008 solution enables greater and more effective collaboration and litigation case information management for users. Comprehensive reports and dashboard pages make it easy for each attorney and each litigating office to meet requirements to manage and report on cases, and their related activities. The system allows users to manage cases, case participants, case events, case documents, communications and other daily activities. A comprehensive alert and reminder system helps users stay on top of deadlines, meetings and other due dates. OSUM's successfully implementation of this system has resulted in improved efficiency in carrying out litigation and case management.

Department of the Navy, Washington, DC

A Department of the Navy client responsible for monitoring acquisition integrity, contracted to create a fraud tacking system. OSUM successfully gathered requirements, designed, implemented, tested, documented and maintains this central acquisition fraud tacking database, supporting the unique needs of the client, using Microsoft ASP .Net and SQL Server 2008. OSUM designed, developed, tested and implemented all Microsoft ASP.NET pages for the application, and designed, developed, and implemented the SQL Server database and stored procedures. The system allows for input of, aggregates, links and reports on sanctions and disciplinary actions on companies and individuals, including: suspension, debarments, administrative agreements, and corporate remedies. The system allows users to manage information, documents, communications and other information related to individuals and companies involved in fraud, and a comprehensive alert and reminder system reminds users of deadlines, meetings and other due dates. The successful implementation of this system by OSUM allows the client to avoid potential liabilities and risks of contracting with individuals and companies who have been subject to disciplinary action, and data from this system is used throughout the Department of the Navy.

Department of the Navy, Washington, DC

OSUM successfully upgraded two Department of the Navy (DON) systems to Windows Server 2008 and SQL Server 2008, re-architecting the two systems to improve the physical and logical separation of external services, to add an additional layer of security to the organization's systems, and to comply with the Department of Defense Information Assurance Certification and Accreditation Process (DIACAP) and the DON Enterprise Architecture (DONEA). OSUM configured and hardened, to DoD specification new hardware, designed and implemented Microsoft Active Directory, and configured web servers, mail servers, and database servers. The result of this effort was a more secure implementation of these systems that complies with DoD standards.

Department of the Navy, Washington, DC

OSUM successfully implemented Web 2.0 technologies for a combined community. Integrating Telligent Community into an existing System, OSUM successfully introduced Web 2.0 technologies, including wikis, blogs, message forums and file galleries. OSUM gathered requirements, developed project plan, installed, configured and customized, per user specification Telligent Community. As well, using Microsoft ASP .Net, customized user interfaces that integrated and improved the presentation of content for the user and seamlessly integrated Web 2.0 content with existing data from existing applications were created. OSUM's integration of the Web 2.0 technologies has led to improved collaboration within the combined community, and an improved efficiency in conducting their daily activities.

FedBid.com, Vienna, VA

OSUM provided Oracle database implementation, design, development and administration, as well as application development support using Microsoft ASP for a successful online marketplace for professional

buyers and sellers that facilitates operational commodity and simple service purchases, FedBid.com. OSUM installed and configured the Oracle database, performed database maintenance and tuning, set up backup and recovery, created custom oracle reports and rewrote the reverse auction database packages used in the online marketplace. In addition OSUM provided maintenance and upgrade support for an Microsoft ASP custom ECRM system. OSUM's effort provided a stable, efficient, and reliable database platform for FedBid.com's online marketplace.

Montgomery County Public Schools (MCPS), Department of Transportation, Rockville, MD

OSUM was contracted to support the Transportation Management Information System (TIMS), an Oracle based system. OSUM provided Oracle database configuration, database maintenance and tuning, backup and recovery implementation, database package modifications, as well as creation of custom oracle reports and modification of existing and creation of new Oracle forms for a system used by MCPS Department of Transportation in support of bus route management, bus route assignment for bus operators, bus operator payment calculations. The application was used in the main office as well as six depots throughout Montgomery County. OSUM's efforts on this task resulted in improved management of bus routes and bus route assignments, as well as more accurate payroll calculations that adhered to union contractual requirements.

Dyncorp International, Fairfax, VA

Working as a subcontractor, OSUM provided Oracle DBA support for the Department of Justice on the EOUSA Case Management task. OSUM's primary duties included the enhancement and maintenance of the TIGAS and TALON Collection Applications.

- For the TIGAS application OSUM staff redesigned data warehouse tables in order improve performance by utilizing new features of Oracle 8i such as partitioning. Performed extensive data cleanup. Redesigned and fixed numerous reports to correct improper reporting. Setup numerous automated programs (forms and server side scripts) to speed daily tasks. Duties also involved loading the TIGAS data warehouse with monthly extracts of TALON data from 93 districts. Generated monthly, quarterly, and annual statistical reports (for Congress) as well as daily ad-hoc reports for Legal Programs using Oracle Reports and Pro*C.

- While working on the TALON application, OSUM improved database integrity through use of database constraints, and implementing role-based security. OSUM also helped to debug and enhance the application per user requirements, OSUM also worked on moving PayOut and PayPost transactions from Pascal to PLSQL packages; created an on-line help system; cleaned up the Talon data at the district level to improve reporting accuracy of TIGAS; and created uniform specs for criminal and civil collection reports between TALON and TIGAS. OSUM's efforts resulted in finding $100 million+ data errors in system.

Clients

- Department of the Navy
- FedBid.com
- Montgomery County Public Schools
- Megasoft
- DynCorp International
- Computer and High-tech Management
- DKW Communications