



P A R T N E R S



A woman-owned, small disadvantaged 8(a) business.

Stratosys provides services in the area of cloud architecture development, cloud security and networking solutions, cloud migration, cloud operations & support, developing and supporting secure and highly available data intensive Web applications, big data solutions, database technologies, systems administration, technical architecture, IT strategy, business process engineering services and program management and support.

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COMPANY INFORMATION

DUNS: 019761622

NAICS Codes: 518210, 519190, 541511, 541512,
541513, 541519, 541611, 541613,
41618, 541990

Cage Code: 7KRQ9

Why Choose Stratosys Partners?

1

The best value

contractor to support your mission.

2

Resourceful

end-to-end solutions that best meet business goals

3

Team experience

across many tools and technology

4

Trustworthy

with best interest of our clients in our work

Our practitioners have 20+ years of hands-on experience in delivering technology solutions and brings practitioners with experience across several cloud-based technologies to our projects. Our experience includes, but is not limited to, technologies such as:

- Hosting and development of cloud-based applications and API integration on Web applications using Drupal, GraphQL, Angular, React, Ruby on Rails, JavaScript frameworks, PHP, .Net, Umbraco, document management systems, and content management systems
- Databases such as MS SQL, MySQL, PostgreSQL, MongoDB, and Maria DB
- Setup, management and hosting on Cloud Platforms such as AWS and Microsoft Azure Cloud environments
- Infrastructure automation and orchestration, application development, and operations management (DevOps) using tools such as Chef, Puppet, Git, Docker, and Kubernetes
- Expertise with data visualization tools such as Tableau, PowerBI, ArcGIS, and other industry tools
- Enterprise architecture services
- Expertise in network planning, design, deployment, and security
- Infrastructure and application support services;
- Big data solutions such as Elastic Search, Hadoop, and Redshift; and
- Rich usability experiences for users of Web and Mobile applications.

SERVICES



Cloud Engineering, Infrastructure Migrations and Support



Web Application Development



Agile Software Development



Big Data Technologies



Stratosys Partners has worked on several exciting and high impact initiatives at USDA

Since 2009, Stratosys Partners has provided customized software solutions, cloud and systems engineering and design, software development, testing, and project management support to Federal Agencies such as the Economic Research Service (USDA), Food and Nutrition Service (USDA), and the Consumer Product Safety Commission. Stratosys Partners provides innovative, customer-centric IT enterprise business solutions which manage costs and minimize waste, while enabling positive change.

Stratosys Partners personnel have been on the ground working at USDA (Economic Research Services) 6 years of experience working at USDA (Economic Research Service and USDA (Food and Nutrition Service) and understand the business needs, goals, and processes of the principal statistical agencies of the Federal Government. Stratosys Partners has worked on several exciting and high impact initiatives at USDA.



Cloud Migration

At ERS, Stratosys is enabling the migration of the entire IT infrastructure and applications into the Microsoft Azure Government Cloud. Stratosys Partners has conducted a deep review of ERS's business needs and identified specific cloud-based use cases that will help ERS improve workforce efficiencies and optimize the computation spend using cloud-based technologies. Our practitioners understand the unique security and network requirements as they relate to computation and applications. Also, as part of this effort, the Stratosys team conducted a complete review of ERS's infrastructure which included databases, files, software tools and applications, Web infrastructure, IT processes, and ISD skills and capabilities.

Stratosys team also designed and implemented the cloud network and security architecture and migrated applications while supporting day-to-day infrastructure operations. Stratosys team also led the process of security audit and review by the USDA Office of Information Security for an Authority to Operate (ATO). Our team efforts have led to a successful approval of the cloud security architecture in a production setting.

Improved Web Data Dissemination

Stratosys Partners recent work with improving Web Data Dissemination is also notable, wherein Stratosys personnel took on the challenging task of very quickly building consensus on the requirements for the Web Data Dissemination Platform and implemented a proof of concept that is now being extended into the production environment. Website load times for the big data platform was improved from ~15 seconds (for complex web data queries) to ~400 milliseconds. The platform was built using modern Javascript frameworks and a modern scalable and flexible API based approach for Web queries.

OUR CLIENTS



Consumer Product Safety Division (ERS)
<https://www.ers.usda.gov/>



The Consumer Product Safety
Commission (CPSC)
<https://www.cpsc.gov/>



Food and Nutrition Service (FNS)
<https://www.fns.usda.gov/>

