



## CAPABILITIES STATEMENT

### Company Overview

#### Building Tomorrow's Infrastructure. Today.

Data Storage Science (DSS) is a Woman-Owned Small Business (WOSB) that has been operating in Virginia since 2008. DSS provides IT services and solutions to both private- and public-sector clients. We believe that an IT services firm should go beyond its core capabilities, deliver measurable results, and reflect identifiable efficiencies and savings. **That's what we do.**

At DSS we build long-standing relationships with our clients. We're poised and excited to bring our talented team members' broad and diverse skills, experience, and success to your service. Contact us now!

### Core Competencies



**Software Development**



**Cloud Migration**



**Managed Services**



**UX/UI AI/ML**



**Infrastructure Services**



**Advisory Services**

### NAICS Codes

541512 (Primary)	Computer Systems Design Services
541519	Other Computer Related Services
541690	Other Scientific and Technical Consulting Services
541511	Custom Computer Programming Services
541611	Administrative Management and General Management Consulting Services
541990	All Other Professional, Scientific, and Technical Services
541513	Computer Facilities Management Services
518210	Computing Infrastructure Providers, Data Processing, Web Hosting, and Related Services



### How DSS Works with Clients

We work with you to envision your future, taking into consideration your goals and metrics for success. We provide strategic and timely insights to enable you to achieve your short- and long-term business objectives. We also provide your organization with unmatched IT services that include the technological expertise and resources to support highly available, secure, and flexible IT systems.

With demonstrated competency in both business and technology, DSS has the ability to translate complex information into actionable insights through diagnostic, predictive, and prescriptive analysis.

### Company Snapshot

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CAGE Code: 5BJ89

Unique Entity ID: HSLW9LNVK8

### Contract Vehicles

USPTO: SAES, BSAES, CMDB, BOSS

Storage Infrastructure Managed Services (SIMS)

GSA MAS IT # 47QTCA18D00C8



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## The DSS Difference

Our vendor-agnostic technology solutions **help you maximize** the value of **your** investments with transparency that **empowers you** to make real-time, data-driven business decisions. DSS individual staff has a storied history of success in Loudoun County and Northern VA dating back 25+ years. Our team is built upon practical experience, education, thought leadership, and results. We leverage our intimate knowledge and leadership in the planning, building, ongoing management, and monitoring of IT and Storage infrastructures and storage platforms in High Visibility, High Availability, and High Transactional environments for local firms such as America Online, Verizon Media, Sun Microsystems, Neustar, Fannie Mae, Freddie Mac, Symantec, and others. We partner with you to gain a unique understanding of the challenges your company faces and what success means to you. From there, we provide optimal services and solutions to meet your goals, minimize your risks, and facilitate readiness for today and tomorrow.

## Past Performance

### Federal Civilian – Application Development

Our client required us to develop tools and techniques to improve transparency and predictability of IT/data center's consumption across the Agency. The DSS team implemented Agile/Lean techniques to improve the client's view of data storage and compute consumption. We created a self-service tool called DIAMOND to allow for consolidated reporting to track storage/hosts dependencies, and we created APIs for integration with other COTS and custom tools already in use. With output from these tools, our team conducted consolidation, re-tiering and decommissions where appropriate. We developed and implemented internal chargeback and invoicing capabilities, improved storage order entry and accuracy, and developed and implemented TCO modeling and forecasting strategies and capabilities. The client realized a savings of \$10 M by improving efficiency of storage consumption. They also have a transparent view of consumption by organization, can use the TCO modeling and forecasting for resource and budget purposes, and can go to one source for reporting, eliminating hours of time and their need to merge and manipulate data.

### Federal Civilian – Storage Infrastructure Services

DSS storage architects, engineers, and administrators currently support the Agency's IT landscape to address end-to-end storage solutions and data infrastructure across virtual and physical environments on premises and in the cloud. This support includes storage infrastructure, capacity planning, backups, provisioning, reclamation disaster recovery, data recovery, and other administrative tasks associated with maintaining or creating a resilient environment. This is a complex effort in which we support more than 15PB of enterprise data storage infrastructure, including local and remote backup/restore environments, systems and infrastructure testing, and maintenance. We provide vendor-agnostic planning and administration of storage platforms, including Dell/EMC, NetApp, Hitachi, NEC, and Oracle/Sun.

### International Broadcast Media and Data Company

An international broadcasting media and data company wished to consolidate their data centers from three to two. DSS was brought in to provide subject matter expertise and conduct a gap analysis to identify risks, needs, and capacity concerns, and provide a short- and long-term strategy aligned with stated corporate goals. Our team delivered a written assessment, roadmap, and remediation plans for configurations, performance, capacity, and ongoing support.

## Client Portfolio

Department of Defense

Federal - Financial Internet

Service Provider

Global Communication,  
Entertainment, and Internet  
Services Company

National Waste and  
Environmental Services  
Company

International Broadcast  
Media and Data Company

National Insurance and  
Healthcare Service  
Provider

A Multinational Hospitality  
Company