⠶SES | COMPANY OVERVIEW

A Trusted Technology Partner for Public and Private Sector Enterprises

TOP ENGINEERS FOR TOUGH IT CHALLENGES

Government and commercial entities alike face mounting regulatory[1] and competitive[2] pressures to embrace technology for better performance and less risk. Technology can power gains in efficiency, security, cost savings, and other ROI. Unfortunately, poor implementations expose the organization to more risk, complexity, and costs. The difference between success and failure comes down to choosing the right technology partner.

A CMMI SVC Level 3 appraised and ISO 9001:2015 and ISO 27001 certified company, Systems Engineering Solutions Corporation (SES) was founded by seasoned engineers and is home to some
of the best minds in government and commercial technology. We're the trusted partner of choice for public and private sector clients who understand the make-or-break role technology plays in the enterprise.

SES combines a platform-agnostic mastery of today's vast range of technology tools, together with the judgement and domain expertise needed to apply them in the complex, highly-regulated, production-grade environments where these technologies must operate seamlessly together.

SES is Home to the Nation's Best Technical Engineers

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SES was established in 2003 by a group of software engineers who had vision: A client-focused company founded by and for engineers — and built around the engineering ethos of no-nonsense, can-do perseverance in technology design, implementation, operations, and problem solving. Today, we're the employer of choice for top systems engineers.

DEEP EXPERTISE, BROAD CAPABILITIES

Whether it's hybrid cloud design, self service provisioning, cloud-native apps, microservices, data center and cloud migration, operations maintenance, technical support, IT financial management, or any number of services we provide, SES engineers and solutions architects are trusted by clients like the **U.S. Census Bureau**, the **U.S. Department of Veterans Affairs**, **GSA**, **DHS CBP**, **FBI**, **National Archives**, and other clients.

All SES program managers are PMP certified, 80% of SES personnel are ITIL trained, and we hold advanced ITILv4, AWS, and VMware expertise. Our staff includes certified scrum masters, and we have expert certifications not just in **VMware** and **AWS**, but also **Cisco**, **Oracle**, **Microsoft**, and additional technologies.

[1] H.R.5759 - 21st Century Integrated Digital Experience Act

[2] https://www.forbes.com/sites/jeffthomson/2018/03/26/digital-transformation-isnt-an-option-its-a-necessity/#7e19a10d7504

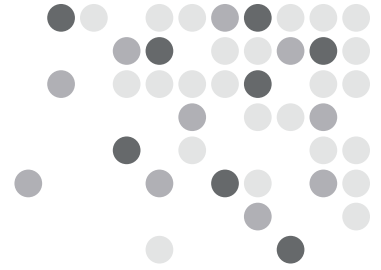Ph: **240-865-3080** | Sales: **bd@sescorporation.com** | Web: **sescorporation.com**

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CAGE	NAICS	DUNS	GSA MAS Schedule 70	CIO-SP3 SB
3DXL7	541511, 541512, 541513, 541519, 611420, 561410, 811212	128578429	GSA CoE BPA	CIO-SP3 SDVOSB

SES

A HOLISTIC APPROACH

Regardless of exactly how clients engage us, they know we're working from a comprehensive understanding of client systems and a knowledge base as deep as it is diverse. The quality of our people means clients always get the skills, judgement, and commitment necessary to handle the nuances, surprises, and curveballs that arise with complex jobs and tricky implementations. Also, with the agility of a lean business and a roster of more than 1,000 highly-certified technology professionals to draw from, we can adapt and scale to meet projects of any size, scope, and complexity.

The SES holistic approach is represented by six distinct but interrelated core capabilities:

Modernization

SES addresses the full modernization lifecycle — from system design and testing, to deployment across the enterprise and workforce adoption. Our engineering expertise and familiarity with client systems means we align everything with real world business needs, available technologies, and cost considerations.

Process Optimization

SES staff are masters of process optimization. From business rhythms and workflow diagrams, to performance protocols and integrated release schedules, we can holistically manage dozens of disparate, siloed systems — and we optimize, document, and transition everything so clients can inherit these process improvements as their own.

Integration & Test

Integration and test is not a pass/fail exercise, and clients should expect more than a check-the-box approach. At SES, we hire integrators, not just testers — people with the skills and judgment to troubleshoot the unknown, strategize solutions, and document them as actionable and repeatable steps the whole organization can use.

Leadership & Execution

Leaders rely on SES and our BizOps approach to release management, business integration, performance modeling, and other business processes to smooth the path from strategy to execution. We also help government clients navigate the hype-filled commercial marketplace to select optimal tools and solutions for agency environments.
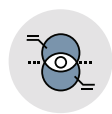
Integrated Security

SES understands the entirety of client systems and security issues across the enterprise. Our DevSecOps approach leverages continuous integration/delivery, automated ITSM, and continuous software assurance for an integrated approach to security. And we employ risk-based prioritization as a targeted, cost-effective way to assess criticality and prioritize fixes.

Managed Services

Managed Service providers are only as good as their people. Whether it's systems/solution architecture, systems performance tuning, infrastructure engineering, or any other service, SES's level of expertise means you don't just get capabilities, but also judgement-as-a-service and experience-as-a-service in ways that no other technology partner can deliver.

ENGAGE WITH SES TODAY

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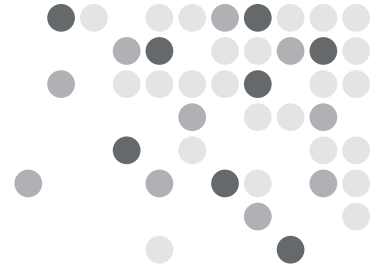8229 Boone Boulevard, Suite 885, Vienna, VA 22182

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SES | **CORE CAPABILITIES**

Modernization

PARTNERING WITH CUSTOMERS IN THE MODERNIZATION JOURNEY

SES addresses the full range of modernization challenges involving how people, processes, and technologies intersect for better performance and security. SES breaks down silos, stabilizes legacy systems, and transitions organizations to modernized service delivery using **DevSecOps**, **Agile at Scale**, **Microservices**, **Software Defined Data Centers**, and **Application Modernization**.

Our engineering expertise helps align modernization efforts with real world business needs, available technologies, and cost considerations. We help clients pinpoint exactly where and how to modernize across the enterprise — from requirements, development, testing and integration; to operations, maintenance, optimization, and workforce adoption.

MODERNIZING WITH STRATEGY AND CONFIDENCE

SES understands modernization is not simply rip-and-replace; it requires a roadmap that thoughtfully and proactively addresses security, operations, and management challenges of concurrent operations. SES works with your organization to transition to agile methods, technologies, and systems through a virtuous cycle of learning that starts with a Minimum Viable Product — followed by quick iterative improvements that scale up as legacy systems are stabilized and/or retired. Our approach reaps significant ROI for clients.

SES CORE CAPABILITIES

- Integration & Test
- Leadership & Execution
- Integrated Security
- Managed Services
- Modernization
- Process Optimization

Modernization

Modernization is one of six distinct, but interrelated, Core Capabilities that make up the SES holistic approach to enterprise and emerging technologies.

- SES developed a Forms-as-a-Service solution utilizing Enterprise Records Management (ERM) and AI/ML through GSA's Centers of Excellence program supporting HUD.

- SES designed and implemented a Platform-as-a-Service (PaaS) for GSA known as forms.gov and successfully launched the first use case, Made In America.

- SES created a unique enterprise infrastructure and successfully delivered the first-ever Internet Self Response for the U.S. Census Bureau's 2020 Census operation — with a capacity that served up to 600,000 concurrent users. We utilized DevSecOps to support development, test, and rapid deployments utilizing Microservices and Cloud Native Technologies running on AWS GovCloud.

- SES modernized a Mobile Device Management platform utilizing the cloud, for the VA, to realize a 10x cost savings while increasing availability from 92% to 99.9% in support of more than 60,000 endpoints.

With every project, our engineers continually improve system design while taking a learn-it-and-share-it-all approach to promoting knowledge base documentation and sharing lessons learned across customer engagements.

Engage With SES Today

A CMMI SVC Level 3 appraised and ISO 9001:2015 and ISO27001 certified company supporting Defense and Civilian Agencies, Systems Engineering Solutions Corporation is the industry leader for designing, securing, evolving, and maintaining enterprise systems — including at the scale necessary to manage data for +300 Million U.S. Citizens in our support of the U.S. Census Bureau. Our solutions are proactive in helping Government and private sector clients evolve infrastructures; scale security and operational capabilities on demand; and overcome inefficiencies tied to legacy architectures. Where can your enterprise systems take you, with SES as your guide?

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