

# A Trusted Technology Partner for Public and Private Sector Enterprises



## TOP ENGINEERS FOR TOUGH IT CHALLENGES

Government and commercial entities alike face mounting regulatory<sup>1</sup> and competitive<sup>2</sup> 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

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.

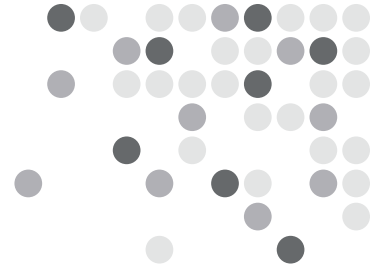
## DEEP EXPERTISE, BROAD CAPABILITIES

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.

<sup>1</sup> H.R.5759 - 21st Century Integrated Digital Experience Act

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



## 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.



### 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.



### 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.



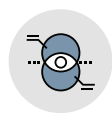
### Integrated Security

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.



### 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.



### 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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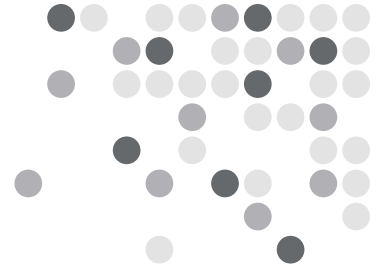
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# Process Optimization

## SPEEDING DEVELOPMENT AND ADOPTION OF BETTER PROCESSES

SES personnel are masters of process optimization — identifying current processes, tying them to KPIs, and then further optimizing and customizing processes in strategic, cost-effective ways. From **business rhythms** and **systems engineering**, to **integrated release schedules** and **meaningful KPIs**, we can holistically manage and orchestrate historically siloed systems and lines of business. Throughout, SES will optimize, document, and transition everything so clients can inherit these process improvements as their own.

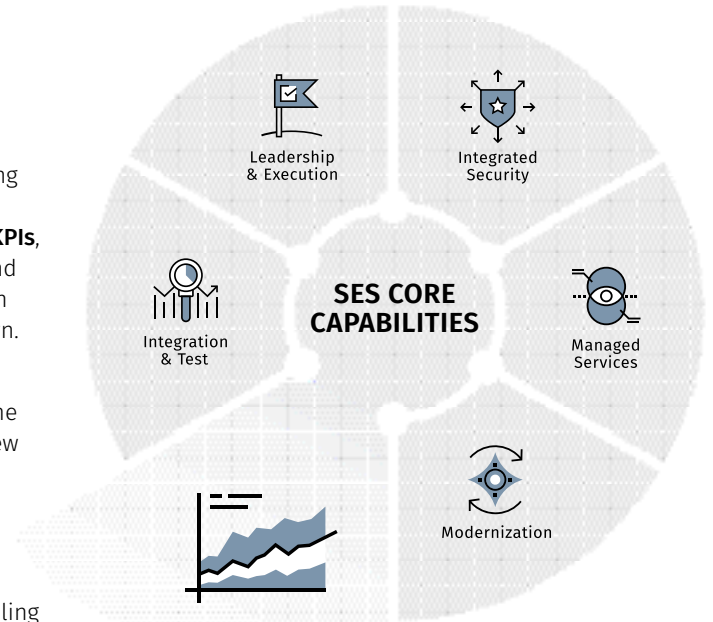
SES leverages a value-based governance approach to target exactly how and where to best optimize client processes. We conduct rigorous baseline assessments, build robust metrics, and execute a tailored approach to new processes within the preferences and realities of the client environment, including highly-regulated government settings.

## POWERFUL ROI AND EFFICIENCY GAINS

SES covers the range of Process Optimization needs — from resource pooling and federated network management, to automated provisioning and data standardization — to reap more value from the enterprise.

- We created an Operational Readiness Board (ORB) as a process improvement for one client to mitigate risks and create a unified view of deployable changes across all operations. SES was able to get senior leadership involved as organizational champions and daily users of this ORB that we created from scratch.
- For one client, SES created an Integration Framework to align more than 50 systems in multiple stages of maturity and with multiple development structures (waterfall, agile, etc). For that same client, SES innovated process improvements to handle dozens of daily change requests — accelerating turnaround from 2-4 weeks, to less than 24 hours.
- For the U.S. Census Bureau, SES successfully created and socialized process improvements to regional staff via distribution of knowledge based articles (KBAs) — to the extent that 90% of nearly 2,000 daily tickets could be resolved at the local or regional level without needing to escalate to the national Decennial Service Center.

Throughout, SES ensures business value through a comprehensive refactoring of processes, together with socially sensitive ways to collaborate among business groups. This is strengthened by KPIs, metrics, and other measurable forms of continuous improvement.



### Process Optimization

Process Optimization is one of six distinct, but interrelated, Core Capabilities that make up the SES holistic approach to enterprise technology.

## Engage With SES Today

A CMMI SVC Level 3 appraised and ISO 9001:2015 certified company, 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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