



Cepeda Systems & Software Analysis, Inc.

Our mission is to honor God and to become our customers' trusted advisor by delivering best-value services that exceed their expectations and contribute to their success

Capability Statement

CSSA provides software engineering, systems engineering, and process improvement services. Our **systems and software engineering services** support our country's war fighters and NASA's mission to develop the next generation space flight systems. CSSA's services span the complete product life cycle and result in defect avoidance, high end-user satisfaction, reduced risk, improved communication, enhanced operational correctness, task automation, and quality products.

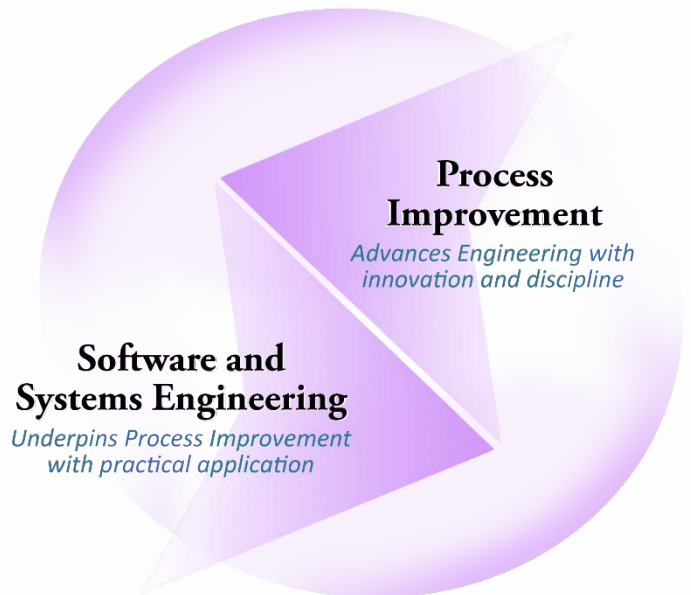
Our **Process Improvement services** enhance customer's operations through innovative approaches for optimizing processes. We offer training, consulting, coaching, and appraisal services that help customers establish best practices and sustain them over time. The result? Enabling our customers to do more with less; improve the quality of their products and services, time to market, productivity, and reduce cost.

NAICS Codes

- 541330** Engineering Services
- 541511** Custom Computer Programming Services
- 541618** Other Management Consulting Services
- 541712** Research and Development in the Physical, Engineering, and Life Sciences (except Biotechnology)
- 611430** Professional and Management Development Training

Values

- **Integrity**
- **Excellence**
- **Learning**
- **Community**
- **Service**
- **Teamwork**
- **Balance**



Our core competencies in Engineering and Process Improvement mutually support each other to provide practical, innovative approaches for mission success!

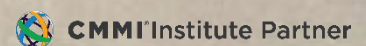
Core Competencies

Success-Oriented Systems and Software Engineering Solutions

- Design/Development of complex software systems
- Innovative Modeling and Simulation Methods
- Independent Verification and Validation
- Multi-Level Software and Systems Integration and Testing
- Database Development
- Technical Software Configuration Definition
- Quality and Mission Assurance

World Class Process Improvement Solutions

- CMMI/SCAMPI Contributing Author
- Single Provider for Entire Suite of CMMI Services
- Lean Six Sigma and ISO Experience
- CSSA-developed tools to accelerate improvement





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Who We Serve

- U.S. Army
- U.S. Navy
- Missile Defense Agency (MDA)
- NASA
- Commercial Customers

Major Accomplishments

- CSSA-developed tools accelerate CMMI adoption and improve efficiency
- Program-wide Systems Engineering support significantly reduced risk and improved product quality
- Established IT metrics that provide valuable insight into processes and effects of process improvements
- Appointed to leadership positions in integrated teams due to high level of performance and expertise
- Improved hardware compatibility by porting simulation source code
- Increased data quality and transparency by establishing connectivity to authoritative source data, developing automated data pull procedures, and automating daily transfer of data from sources to databases that enable dashboards
- Developed tools and completed the first Formal Qualification Test (FQT) ever run with automated testing for one of our customers, making the process highly efficient, saving on time and resources, and allowing the testing software to be reusable
- Established a Software Configuration Management release methodology that enables a consistent, timely release of software in support of program milestones

Contract Vehicles

Prime Contracts

- NASA Marshall Space Flight Center (MSFC) Engineering Services
- NASA Agency-Wide Software Engineering Process Improvement Services
- Multiple Commercial Contracts

Subcontracts

- SAIC AMCOM Expedited Professional and Engineering Support Services (EXPRESS)
- SAIC One Acquisition Solution for Integrated Services (OASIS)
- ASRC Federal Missile Defense Data Center (MDDC) Program
- Torch AMCOM Expedited Professional and Engineering Support Services (EXPRESS)
- TBE Navy Exploratory Medicine Omnibus III

Why CSSA?

- Financially stable EDWOSB
- Proven Prime contractor
- Experienced DoD subcontractor
- Proven commercial market experience
- Recognized as Process Improvement Expert (CMMI and ISO)
- Engineering and Process Improvement services synergy provide practical, innovative approaches for mission success
- Single provider for all CMMI services
- Commended by our customers for engineering excellence and integrity in service delivery
- 100% customer satisfaction

The Nature of Engineering Excellence!



Technology Category

Selected as one of the top 100 Small Businesses in the U.S.