



COMPANY INFORMATION

COMPANY

Southwest Engineering Concepts, LLC
DBA: SOENCO
Arizona LLC
Established 2007
Chandler, Arizona

REGISTRATION

UEI: D5TMRARDTRT8
CAGE: 22R81
DUNS: 075197919
SAM Registered
Small Business

PRIMARY NAICS

541330 – Engineering Services

ADDITIONAL NAICS

541420
541511
541512
541715

PRIMARY PSC

R499 – Professional Support

MARKETS

Commercial
Industrial
Medical
Aerospace
Defense

ENGAGEMENT

Prime Contractor Support
Subcontract Support
Technical Work Package Support

CONTACT

Greg Mills
Founder & Principal Engineer

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www.soenco.com



U.S. OWNED
U.S. OPERATED

CAPABILITY STATEMENT

Mission Engineering & Delivery for Complex Systems

OVERVIEW

SOENCO supports commercial, industrial, medical, aerospace, and defense programs. We serve as a mission-responsible engineering and production partner, owning technical baselines from requirements and architecture through integration, qualification, production transition, and deployed operations.

CORE CAPABILITIES

System Architecture & Systems Engineering

- Requirements definition & traceability
- System-level trade studies
- Interface control / ICDs
- Technical risk reduction
- System architecture & integration planning

Integrated Systems & Mission Hardware

- Flight computers & mission processing
- Power & control systems
- Sensor & payload integration
- RF & wireless systems
- Thermal/mechanical integration
- Prototype and production hardware

Autonomy, Controls & Intelligent Systems

- Guidance & navigation support
- Sensor fusion
- Edge AI / ML support
- Real-time control systems
- Embedded firmware and software platforms
- Data acquisition & processing
- Control logic and system behavior

Verification, Test & Production Support

- System integration
- EMI / EMC support
- Environmental test planning
- Prototype verification
- Acceptance test systems
- Manufacturing readiness
- Long-term system support
- Reverse engineering and redesign
- Failure analysis and troubleshooting

ENGAGEMENT FIT

- Complete development support
- Technical coordination and project execution
- Defined technical work packages
- Phase-specific engineering support
- Engineering team augmentation
- Product redesign and modernization

KEY DIFFERENTIATORS

- Subsystem and work-package ownership
- Cross-functional engineering under a single accountable technical lead
- Senior technical involvement from architecture and design through troubleshooting and production transition
- Practical engineering decisions balancing performance, cost, risk, schedule, reliability, and producibility
- Ability to integrate with prime contractors, OEMs, and internal engineering teams
- Documentation built for verification, production release, and long-term system support

PROGRAM READINESS

- Requirements-driven development
- Verification planning support
- Manufacturing transition support
- Technical data package support
- Revision and release discipline
- Obsolescence mitigation
- DFM and production release support

MISSION DOMAINS

- Aerospace and defense systems
- Mission computing and control systems
- Autonomous and remotely operated platforms
- Sensor, payload, and monitoring systems
- RF and wireless communications
- Power and energy systems
- Ground support equipment
- Medical and healthcare systems
- Commercial and industrial products
- Production test and support systems