



DESIGN - DEVELOP - DELIVER

Company Overview

High-value engineering and manufacturing for the aerospace, defense, and commercial industries.

SDVOSB · Nontraditional Defense Contractor · AS9100D Certified · Charleston, SC · www.defengserv.com

WHO WE ARE

An engineering partner for defense and industry

Defense Engineering Services, LLC (DES) is a Service-Disabled Veteran-Owned Small Business and Nontraditional Defense Contractor founded in 2013, delivering high-value engineering and manufacturing across the aerospace, defense, and commercial sectors. From our cleared Charleston, South Carolina facility, 6 full-time experts — 38 degreed engineers and 4 master craftsmen — lead engineering and run production under one roof, scaling from concept to 600+ units in months.

OUR MISSION

We solve complex problems and create valuable solutions by empowering our team to do things the right way, driving successful outcomes, personal growth, and profits that positively impact our clients and the world.

42 FTEs

38 engineers · 4 craftsmen

AS9100D

Certified · cleared facility

Founded 2013

Charleston, SC Headquarters



Markets: Defense 80% · Commercial dual-use 20% · Serving the U.S. Government and manufacturers nationwide

Six core capability domains

Full life-cycle engineering — from concept and design through analysis, test, prototype, and low-rate manufacturing.

01

Vehicle & Platform Integration

Complete vehicle design-build within our four walls — ground, naval, and aircraft platforms.

02

Electrical & Power Electronics

Wire harness design-build, power generation and management, controls, and communications integration.

03

Mechanical & Systems Engineering

Systems integration, FEA analysis, and simulation of survivability and crew systems.

04

Prototype & Low-Rate Manufacturing

CNC machining, waterjet, fiber laser, press brakes, welding, and 3D printing.

05

Test & Evaluation

Design reviews, verification, and full test services backed by AS9100D quality control.

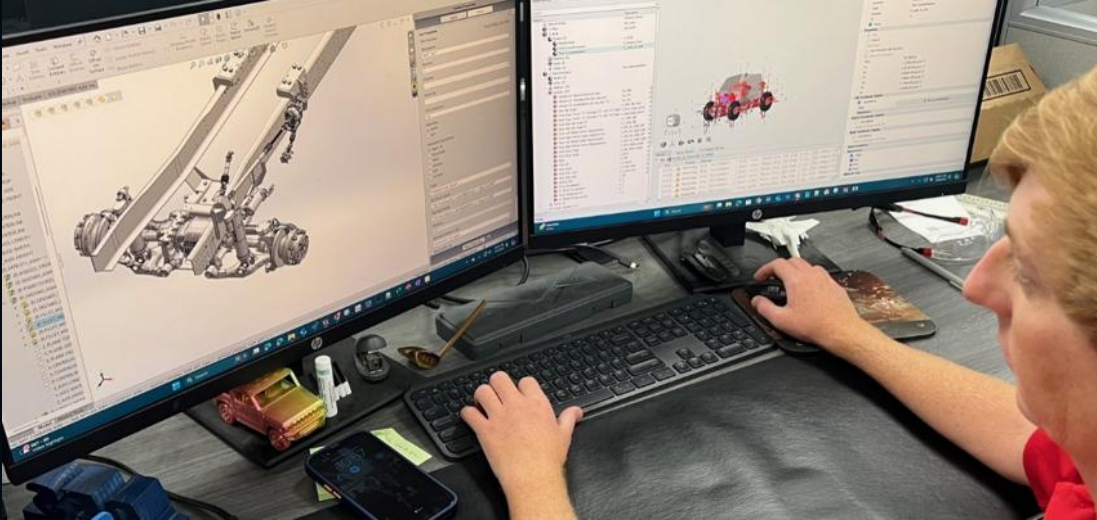
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Program & Project Management

Disciplined cost, schedule, and technical management, plus sustainment and obsolescence engineering.

CAPABILITIES IN ACTION

From platform integration to the production line



PLATFORM INTEGRATION

- Complete vehicle design-build within our four walls — ground, naval, and aircraft platforms
- Armor and survivability, crew-system, power-electronics, and avionics integration
- Wire harness systems, power generation, and rapid fielding for urgent operational needs



PROTOTYPE & MANUFACTURING

- CNC machining, waterjet, fiber laser, press brakes, and specialty welding (NIWC/Boeing certified)
- 3D scanning, 3D printing, and rapid prototyping through low-rate manufacturing
- Sustainment and modernization — obsolescence and reverse engineering for legacy platforms

WHY DES

A partner defense and industry teams can rely on



01

Veteran-owned small business

An SDVOSB and Nontraditional Defense Contractor — agile, low-overhead, and accountable.

02

Engineering + production under one roof

No handoffs, no delays — engineers fluent in military platforms and high-volume commercial manufacturing.

03

Full life-cycle delivery

From design and analysis through test and prototype to 600+ units in months.

04

Certified & compliant

AS9100D certified · ITAR/EAR registered · CMMC readiness · facility clearance, Secret.

05

Committed teaming partner

We pick a team and stay on the project — long-term partnership with primes, OEMs, and specialty partners.

TRACK RECORD

Trusted across defense and industry



DEFENSE CUSTOMERS

U.S. Marine Corps	U.S. Navy — NSW Crane
U.S. Army	Missile Defense Agency
U.S. Special Operations	U.S. Air Force

COMMERCIAL CUSTOMERS

Mercedes-Benz Vans
Volvo Car USA
Boeing — Charleston, SC

Plus commercial partnerships with Scout Motors and teaming with primes, OEMs, and specialty partners including CenCore, Timoney, Bowhead, and SAIC.

REPRESENTATIVE PAST PERFORMANCE

Defense vehicle programs

605 robotic breaching trailers delivered concept to deployment, plus 107 armor kits.

Commercial vehicle programs

Integration, tooling, and production support for Mercedes-Benz, Volvo, and Scout Motors programs.

Aerospace manufacturing

On-site engineering, certified specialty welding, and process support at a major Charleston, SC aircraft facility.

CERTIFICATIONS & ENGAGEMENT

Ready to engage

AS9100D

Aerospace quality system

ITAR / EAR

Export-compliance registered

CMMC

Cybersecurity readiness

SAM.gov

Registered SDVOSB

Let's engineer your next capability.

DES with a cleared production facility, delivering engineering and manufacturing for the aerospace, defense, and commercial industries.

Charleston, SC · CAGE 6ZCD9 · UEID ZARBK643DRY8 · www.defengserv.com

SDVOSB, NDC

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