

# Corporate Overview



CSSI was founded in 1990 as a provider of technical services in aviation. Today, we are a dynamic technical services company with leading edge skills in **Applied Research and Development, Operations Research, Safety and Environmental Services, Systems Engineering, Modeling and Simulation, and Information Technology Solutions**. We combine innovative thinking with a real commitment to understanding our customer's needs. This enables us to deliver practical solutions to the most difficult challenges our customers face across the multi-modal transportation domains.

CSSI is an **ISO 9001:2008 certified** company, and we are committed to continuous improvement. Key examples of this commitment include our in-house think tank—**REALab**—and our ongoing investments in infrastructure, resources, and talent which enable us to maintain our technical leadership.

The quality of CSSI's services is driven by our people-focused culture. CSSI was founded on the principles of spirit, passion, and making a difference. Our values are the foundation of our company and they resonate in all we do.

At CSSI, we evaluate ourselves by the results we achieve—just as our customers do. We invite you to find out what our customers already know: “moving research to reality” is far more than a tagline—*it is our mission.*

CSSI does more than provide services - we apply recognized methods, best practices, extensive domain knowledge, and innovative thinking to deliver practical solutions.

We provide full life cycle services in the following areas:

## Applied Research and Development

- ✦ Development and Analysis of Concepts of Operations
- ✦ Advanced Concepts and System Integration
- ✦ Advanced Model Application

## Operations Research

- ✦ Decision Support Systems
- ✦ Safety Management
- ✦ Operations Analysis
- ✦ Cost-Benefit Analysis

## Safety and Environmental Services

- ✦ Safety Management Systems
- ✦ Voluntary Safety Reporting Programs
- ✦ Fatigue Risk Management Programs
- ✦ Air Quality Tools
- ✦ Emissions Inventories
- ✦ Air Space Redesign Program

## Systems Engineering

- ✦ Enterprise Architecture (EA)
- ✦ Life Cycle System Engineering Support
- ✦ Safety Engineering and Risk Analysis
- ✦ Human Systems Integration
- ✦ Portfolio Management

## Modeling and Simulation

- ✦ Environmental Models
- ✦ System-Level Simulation
- ✦ Fundamental Models

## Information Technology Solutions

- ✦ Full Software Development Life Cycle (SDLC) Support
- ✦ Enterprise Web Solutions
- ✦ Network Engineering and Management Operations
  - Managed IT Services
  - Help Desk Operations
- ✦ Analytical and Business Applications
- ✦ Information Assurance (IA)