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# ENGINEERING

## Solutions

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Automation  
Advanced Manufacturing  
Product Design & Development  
Reverse Engineering  
CAD | CAM | FEA  
Work Package Outsourcing  
Supply Chain Management

### World Headquarters

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# INNOVATE. DESIGN. BUILD. ACHIEVE.

As engineers, we understand the importance of innovation. We innovate, design, and build top-notch engineering programs that maximize effectiveness for companies around the world.

At RGBSI, our goal is simple: to solve engineering challenges.

With a solid foundation of engineering expertise, we execute time-specific projects of any size with the highest level of care. Our extensive portfolio demonstrates our commitment to delivering superior results on behalf of other organizations.

## ENGINEERING SERVICES

Whether you are looking to design a new product, manufacture an existing component, or optimize the production process, we are here to help.

### Research

- » Supply Chain Investigation
- » Competitive Benchmarking
- » Warranty Systems

### Product Design & Development

- » 2D & 3D Modeling
- » CAD Customization & Design Automation
- » CAD conversions
- » Animation
- » Reverse Engineering
- » Concept Sketch Proposals
- » Embedded Systems

### Simulation

- » FEA
- » CFD

### Advanced Manufacturing

- » CAM Services: CNC & CMM Programming
- » Collaborative Manufacturing & Testing
- » RFID Integration/Asset Tracking
- » Advanced Warehousing

### Automation

- » Digital Thread
- » Model-Based Engineering
- » Robotics & Automation
- » Tooling
- » IoT

### Support

- » Work Package Outsourcing
- » Technical Communication & Translations
- » Compliance Services

Have an engineering project? Let us help.

## Industry Expertise

Our expertise spans across key engineering disciplines of digital, mechanical, manufacturing, and electrical engineering.



Aerospace & Defense



Transportation



Machinery



Advanced Manufacturing



Industrial Automation



Energy Systems



Home Appliances



Medical Devices

## Software Expertise

### CAE

- » HyperMesh
- » HyperForm
- » Flux & Feko
- » HyperStudy
- » ABAQUS
- » ADAMS
- » ANSYS
- » Nastran
- » LS-DYNA
- » OptiStruct
- » COSMOS
- » VisVSA
- » Moldflow
- » Fluent
- » Star-CCM+
- » ANSA
- » Fe-Safe

### CAD

- » CATIA V5/V6
- » Pro-E/CREO
- » Unigraphics/NX
- » AutoCAD
- » Inventor
- » SolidWorks
- » Solid Edge
- » Revit
- » 3DVIA

### CAM

- » SmartCAM
- » MasterCAM
- » CATIA V5
- » Unigraphics
- » Vericut
- » CAMEO
- » Creo CAM
- » VoluMill

### Tech Pub

- » Adobe InDesign
- » Adobe Illustrator
- » KeyShot

## Why RGBSI for Engineering Solutions?

As the preferred vendor to several programs in the automotive and aerospace & defense industries, we have proven expertise in providing reliable engineering solutions.

- » Leverage multiple shifts to reduce your project lead time with the application of collaborative engineering.
- » Achieve new product realization through optimization for faster to market speed.
- » Get access to modern, secure, global state-of-the-art design facilities with the latest infrastructure and technology to drive innovation.

## CERTIFICATIONS

- » ISO 9001:2015
- » AS9100:2016 Rev D
- » Minority Business Enterprise
- » UTC Supplier Gold
- » Fanuc SSA Program Level 1 Integrator

