

# Automotive Engineering: Electro-Mechanical Engineering Team

A Manufacturing Case Study

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V SOLUTIONS GLOBAL



# Overview

V Solutions Global built an engineering team of 75 to deliver electro-mechanical engineering and design solutions for a multi-national Tier 1 automotive supplier. The team is fully integrated with US and China based engineering and design teams with capabilities spanning mechanical, electrical, and software engineering.

**75+**

Engineers

**6 yr**

Partnership

**5**

Global Locations



## CHALLENGE

# Scale capacity to support expanding operations

A North American Tier-1 automotive supplier needed a broad range of engineering services to support growth.

The challenge: Fill critical skill gaps, quickly scale capacity, integrate multi-national engineering teams while maintaining continuity of design and engineering disciplines for current projects.

Become a seamless extension to existing US- and China-based in-house engineering teams. Support successful program launches for North American and Chinese automotive manufacturers.



## SOLUTION

# Recruit, integrate, and adopt existing processes

Quickly recruit and on-board team to meet capacity requirements and fill critical skills gaps in existing engineering teams.

Integrate with existing engineering project teams and staff orientation on client's existing automotive design and engineering practices and standards.

Adopt first and then provide enhancements to existing business and engineering practices.



# Customer Testimonial

“Over the past six years, our partnership with V Solutions Global (VSG) has proven to be a strategic extension of our global engineering capabilities. Since launching the collaboration in 2018, the team has grown from a few engineers to over 75, reflecting both the strength of the partnership and the high value VSG brings to our organization.

VSG has contributed across nearly every area of our engineering operations—including Software, Hardware, Mechanical Engineering, CAE, and more. Key contributions include scalable talent delivery, deep integration with global teams, successful program launches for automotive shifters, pumps, and electronic control units, and measurable cost savings through Value Analysis/Value Engineering.

What continues to impress me most is VSG’s mindset and commitment—they truly operate as an integral part of our engineering organization. Their collaborative approach and technical capability allow us to execute projects effectively and cost-efficiently, without compromising quality.”



# THANK YOU

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