



RICARDO Shanghai – Engineering Internship


Delivering Excellence Through Innovation & Technology

1915 Providing technology, product innovation, engineering solutions and strategic consulting to the world's automotive industries since 1915.




Today Ricardo is a global, world-class, multi-industry consultancy for engineering, technology, innovation, strategy and environment.


What we do – core areas of capability



Engines



Vehicle Engineering



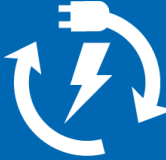
Performance Products

**RICARDO
AEA**

Environmental Consulting



Transmissions & Driveline



Hybrid/Electrical Systems



Strategic Consulting



Software

What we do – from strategy definition to production



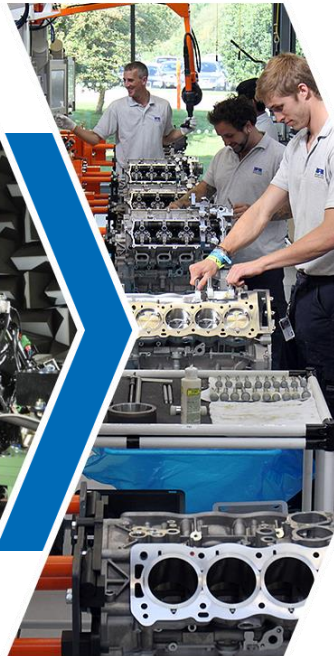
Strategy & Advice



Design & Analysis



Product Development & Test

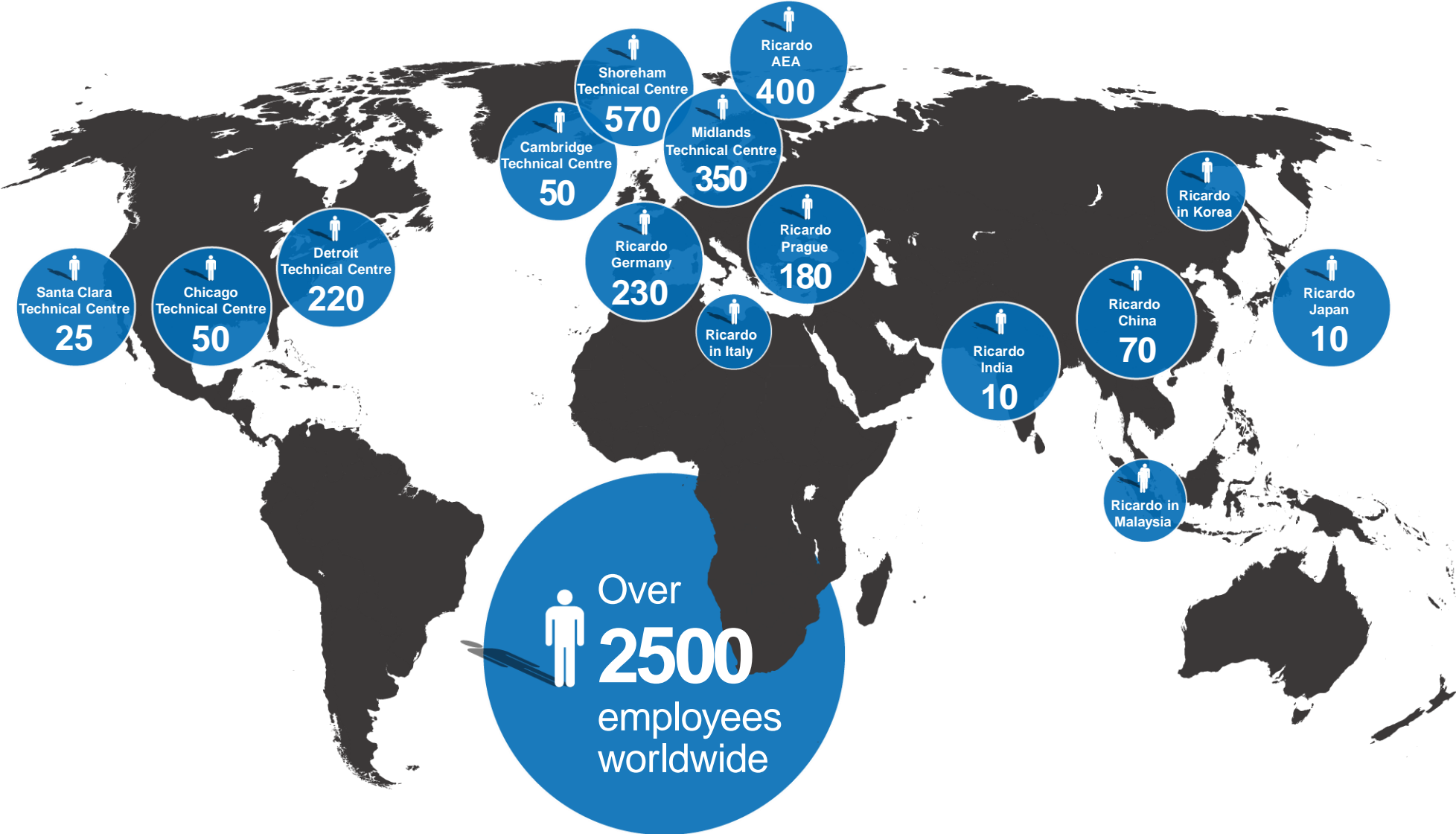


Product Launch



Production & Compliance

Where we are



Who we work with



Passenger Car



High Performance Vehicles & Motorsport



Commercial Vehicles



Motorcycles & Personal Transportation



Agricultural & Industrial Vehicles



Government & Environment



Rail



Defence



Clean Energy & Power Generation



Marine



Ricardo China



- Ricardo China established in 2005
- 70 employees
- Represents all core technical areas:

Engineering Design– 10 Engineers (Engine & Transmission)

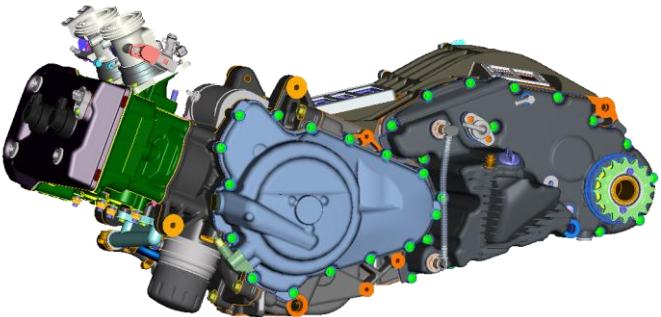
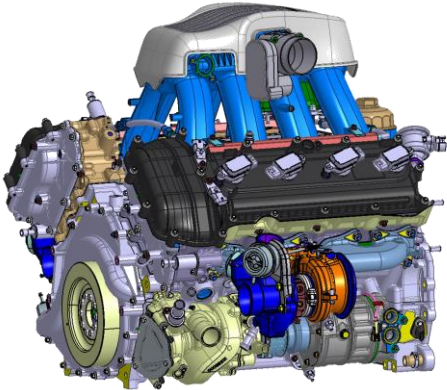
Analysis and Simulations – 2 Engineers

Control & Electronics – 8 Engineers

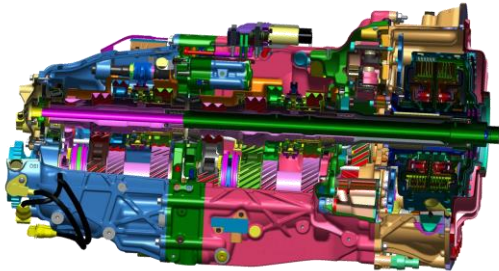
Business Development – 10 Engineers

Project Management – 6 Managers

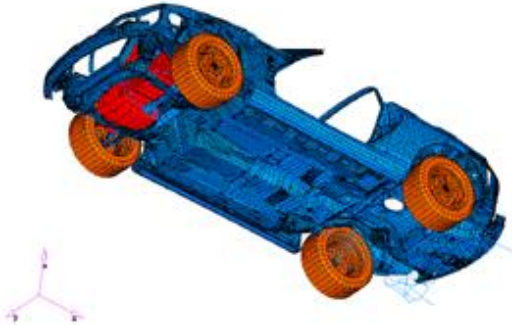
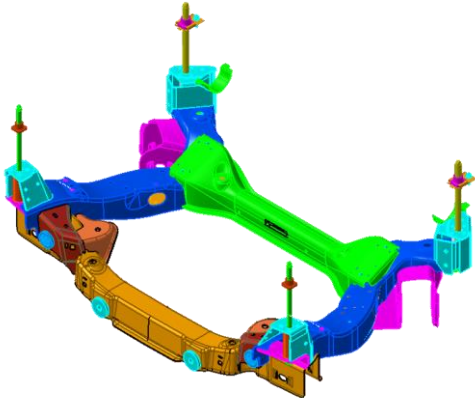
Engines



Transmissions & Driveline



Vehicle Engineering



Analysis & Simulation



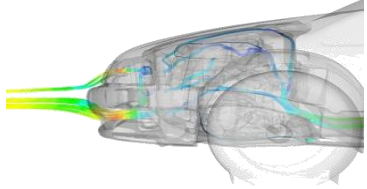
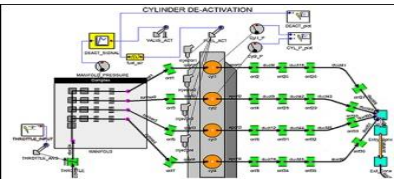
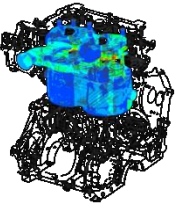
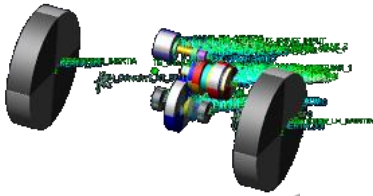
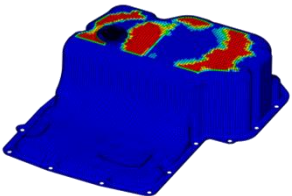
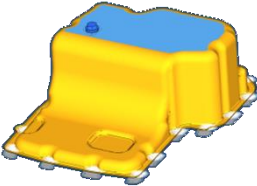
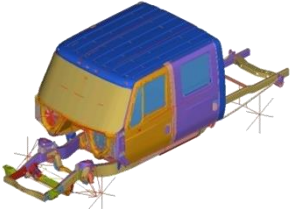
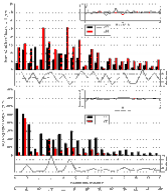
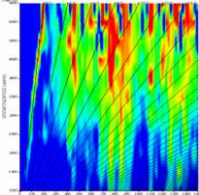
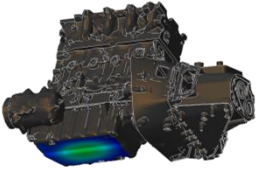
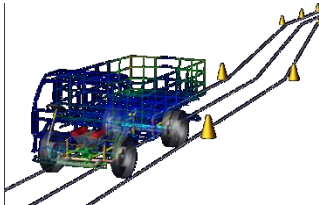
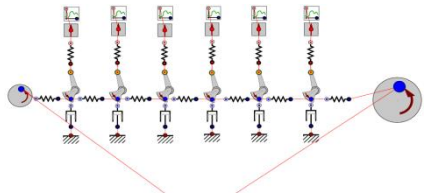
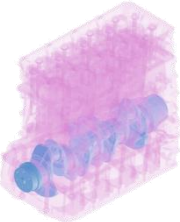
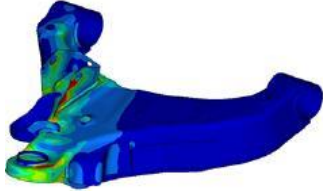
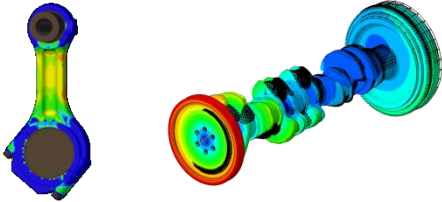
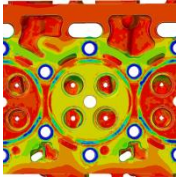
FE thermal and structural analysis

MBS simulation

NVH analysis

Optimization

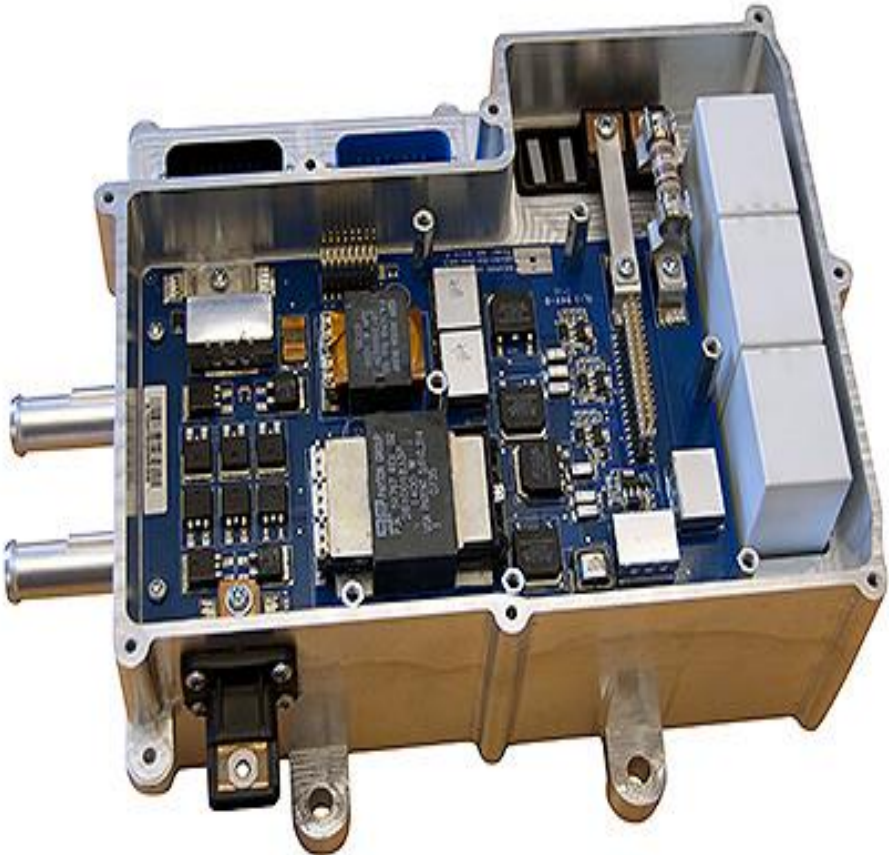
CFD



Hardware

Embedded Software

Controls



Delivered projects



Ricardo ramped up a team of 80 engineers within 6 weeks for the design and development of the McLaren MP4-12C engine and also built the facility to supply the engines in less than 18 months.





Foxhound: Best in class mobility and survivability for UK troops. Designed and engineered by Ricardo from a clean sheet design.





FED Alpha: Ricardo designed and built from a clean sheet an armoured vehicle that delivered a 70% fuel economy saving for the US Army.



Ricardo-AEA is a leading advisor to the United Kingdom Government's Committee on Climate Change.





Ricardo designed, developed and continue to manufacture the 7speed, 4wd, dual clutch transmission for the Bugatti Veyron.



TVCS – Twin Vortex Combustion System for cleaner combustion. Saves our heavy duty diesel customers \$400 per vehicle by enabling them to meet emissions legislation without the need for expensive and bulky exhaust after-treatment systems.





When Jaguar needed to deliver a fast-to-market four wheel drive solution for its XJ and XF luxury sedans, Ricardo was able to quickly deploy an experienced cross functional team to deliver both vehicle programmes in parallel and meet aggressive job#1 timing deadlines.





When SAIC purchased MG they turned to Ricardo to set up and run their Midlands based engineering operation and lead them through the transfer of ownership, ensuring they maintained their capability and staff.



Ricardo supported Navistar by developing and integrating hybrid technology solutions used on the DOE SuperTruck programme to realise significant fuel economy improvements.

What we offer

- Interesting work in a leading international company
- Work on various projects with usage of advanced technologies
- Friendly atmosphere that supports teamwork
- Opportunity to build expertise in automotive industry
- Exposure to foreign languages
- Opportunity to work abroad, either at our offices or at the clients
- Modern office in Shanghai
- Interesting package of employee benefits



Testimonial from previous Engineering intern at Ricardo Shanghai

Antoine Dubreuil – Engineering Design Internship, May 2015 – Sept 2015

Studying: Master Energy and Propulsion (MSc) at National Institute applied Science Paris

“I completed my internship in engine design for 4 months within the Engineering Design and Analysis team based in Ricardo Shanghai. I was directly involved in a RMB90M engine project, I have carried out concept & definitive designs for two turbo gasoline direct injection engine variants. I worked in collaboration with experienced engineers in Shanghai and others based at Ricardo Engineering global sites in the UK, Czech Republic and Malaysia.”

An outstanding experience, in every aspect, where I learned more about engine systems, strategies adopted in view of future fuel economy legislation, and how a technical consultancy company deals with innovation to make itself indispensable to clients.”

Come and Join the Ricardo Shanghai Engineering Team for your internship

Contact:

Michael Davies – Principle Design Engineer – Design and Analysis team leader

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Julien Clement – Senior Project Manager – Project Management team leader

email: Julien.clement@ricardo.com

TingTing Sha – Human Resource Assistant

email: TingTing.Sha@ricardo.com