

# Timoney Technology

## *“Experts in Chassis Development & Vehicle Dynamics”*

Timoney Technology is renowned for a range of innovative, best-in-class independent axle and suspension systems. However, this engineering capability and industry knowledge is not limited to ISAS.

### **ISAS Chassis Integration**

Timoney combines extensive experience and engineering expertise to assist clients with the integration of ISAS into existing custom chassis vehicles. This invaluable service enables OEMs to seamlessly introduce independent suspension to enhance existing vehicle applications.



### **Outsourcing Chassis Development**

Timoney are also expert in vehicle mobility and manoeuvrability; combining driveline technology, chassis optimisation and vehicle dynamics expertise. By outsourcing new chassis development to Timoney, OEMs can free-up valuable engineering capacity yet still receive a tailor made, best-in-class chassis to meet their specific needs.

### **Best-In-Class Vehicle Mobility**

We understand the importance of chassis stiffness, however to achieve this the introduction of cross-members or additional chassis rail liners can be to the detriment of vehicle un-laden weight, which in turn affects payload capacity, fuel economy and performance. Optimising a chassis with regard to weight and stiffness, allows accurate alignment of the wheels, which will result in improved vehicle ride and handling, it also provides a rigid base on which to mount bodywork and equipment without a significant increase in weight.



### **Timoney Consultancy Services**

Timoney’s constant innovation, consistent quality and expert engineering provides creative solutions, to the challenges our clients pose; on time and to budget.

When high performance on rough terrain is required Timoney can provide you with the complete chassis, axle and suspension solution.

For all your chassis development, ISAS integration or vehicle dynamic requirements please contact **Timoney Technology**.

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