

**FOR IMMEDIATE RELEASE      23<sup>rd</sup> June 2006**

**Stack racks up 100,000miles of data in 1 day!**

Bicester, June 23<sup>rd</sup> 2006 - The ACO have welcomed the introduction of a powerful automated scrutineering system supplied by Stack Ltd. at this year's 24 Hour Race at Le Mans.



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Stack's Scrutineering System was used to monitor and record a wide range of vehicle parameters, including speed and boost pressure. 51 cars ran in the 24 Hours of Le Mans race this year, covering a combined total of over 100,000miles. All of the competing vehicles were equipped with a Stack Scrutineering Module, capturing data for the entire duration of the race.

Wireless download technology (Wi-Fi) provided a unique advantage to the ACO's Scrutineering team – every time a vehicle drove into the pitlane, data from their Stack system was remotely downloaded to the central computer for analysis.

Stack's DataPro Software and Intelligent Alarm System was then employed to automate the scrutineering process and alert the stewards to any occurrences of vehicle parameters that exceeded operational limits as defined in the ACO race rulebook.

Stack's Technical Director, Trevor Tapping said, "The ACO were delighted with how well the system performed. It was the first official assignment for our Automated Scrutineering system and it was about as demanding as applications come. Yet the system delivered, monitoring all the cars over the full 24hours, which meant the stewards and the scrutineers could focus on the more important job of making the right decisions".

Stack is already in discussion with other series organisers and governing bodies about the Scrutineering System.

## **OTHER INFORMATION ABOUT STACK**

Stack's Modular Data Acquisition Systems offer technologically advanced and unrivalled benefits in data acquisition, video solutions, Real-time displays and alarm monitoring capability. The equipment is especially suited to all levels of Motorsport and is applied across a wide variety of other applications, including vehicle testing.

Stack Data Acquisition Solutions can provide between 4 to 256 channels of data input, up to 200Hz recording rate, 0.5Mbyte to 64Mbyte of on-board data recording capacity and recording times of anywhere between 2 seconds to 46hours. Individual hardware components are also extremely compact (small enough to fit into the palm of your hand) as well as being very rugged, with total sealing to IP67, Vibration tested to 30g, protected against humidity from 0-100% and able to operate in temperature extremes from  $-40^{\circ}\text{C}$  to  $+80^{\circ}\text{C}$ .

Stack has over 21 years of World-leading success and experience as a specialist manufacturer with expertise in harsh environment engineering. Stack provides Instrumentation, Video-Loggers and Data Acquisition systems to a wide variety of applications and Industries. For more details, visit the Stack website. [www.stackltd.com](http://www.stackltd.com)

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