Cre8 Associates Limited

Telemetry and Data Acquisition (HUMS)

Specifying and Installing Remote Data Acquisition Systems

Here at Cre8 Associates, we have been involved in the acquisition of data from vehicles utilising remote methods for over four years. Our knowledge in this area is not specific but broad ranging allowing us to design the concept of your requirements accurately and at the right cost. Many times companies buy data acquisition equipment to do a function and find that it doesn't work or meet on going requirements. This occurs through the design of the requirements not being studied and implemented correctly. Here at Cre8 we can do this for you, agree the projects final requirements and work out a suitable solution whether it

Design and Proving Concepts

At your initial requirement to collect data, Cre8 Associates will visit and define the requirements accurately and design a means in which the data may be collected in the right formats, volumes and detail required to perform the function that you need. It may be that specialist sensors need to be manufactured or procured and this is all performed in the design phase. We look at many systems and provide you with the plans and specification for the system. However we don't stop there, all on going running costs and the ability to update the systems is presented to you so that decisions can be made as to whether to purchase systems for the individual project or other systems for future use. We can even set up pilot projects to prove the selected systems functionality before the full cost of the project is paid.

Pilot Projects

The use of pilot projects on large long term endeavours, allows the customer to review our recommendations for a fraction of the cost of buying the complete system. The pilot project usually involves complete individual systems with the specified software, harnesses and plugs, sensors and a representative customer vehicle. When delivered back to our customers the vehicle will be capable of capturing all the data selected and displaying this data by the chosen method. This allows also any last minute changes to requirements to be revealed and changed and allows a smooth transition to the project itself.

Installation

Through our expertise on vehicle networks and wiring systems in Marine, Aerospace and Automotive applications, our associates can install systems quickly and efficiently into the vehicles and document each individual installation so that assessments of functionality can be proven against specific guidelines. Our work is of the highest quality with the rebuild of the vehicle, however extensive, to the correct

Project Support

Throughout the project, we are on hand to help with any unforeseen issues that may occur from equipment malfunction, interpretation of the results, upgrades and changes to the projects requirements or any other instance that may occur. Our fully independent and confidential services guarantee that your information stays with you even while we help you in your projects.

Problematic Issues?
Cre8 the Solution!

MSC
Registered
ISO 9001:2000

UKAS
QUALITY
MANAGEMENT
265

Cre8 Associates
EMC & Electrical Engineering
www.cre8-associates.com

Product Range

Cre8 Associates supply and install IRIS Technology's range of remote telematics products designed for the automotive, location based services market. All of the products are based on a common design platform and utilise the IRIS encrypted data communications solution. The IRIS communications protocol supports a variety of applications including stolen vehicle tracking, vehicle asset management, pay-per-drive and data and voice communications.

Cre8 SVT 5 series

A Thatcham Category 5 stolen vehicle tracking unit. The Cre8 SVT 5 meets all of the requirements of Europe's stolen vehicle tracking legislation as well as providing support for vehicle asset management applications. The unit uses SMS messaging between the unit and the secure operating centre providing 24/7 vehicle security. When in use the GPRS communication channel is used to send vehicle management Information such as position, odometer, speed, idling time etc.

The Cre8 SVT 5 unit should be used when the customer requires the highest level of vehicle security or where hardware cost is of most importance and both security and vehicle asset management functions are required in a single unit.

Cre8 AT series

An asset management and tracking device designed specifically for non-powered assets or assets which may be left without power for long periods of time such as trailers and caravans. The unit communicates via GPRS and SMS text and can be remotely re-programmed to carry out a range of functions including tracking, asset management (position, speed, motion, distance travelled, trip distance etc.), text alerts to a client mobile phone and e-mail alerts. The unit may also be programmed to wake up at predetermined intervals to send information by text or e-mail.

The Cre8 AT should be used when the customer requires an asset tracking solution but the availability of external 12/24v power is unavailable or periodically disconnected as with a trailer or caravan.

IRIS VAM

A fully featured vehicle asset management unit to cater for the demands of the professional road distribution industry. The unit combines digital hands free voice operation, text to speech for driver Instruction, RS232 communication for in-cab displays and multiple I/O. The Cre8 VAM is not designed for vehicle security applications.

CUSTOM & BESPOKE

As well as the standard ranges on offer tailored data management systems can be designed and installed to meet customer specific requirements.

To enquire about this or any of the above systems please contact our technical department.

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