

Providing an improved torque auditing process to a leading OEM in the Automotive Industry.

Working alongside one of the largest vehicle manufacturers in the world to provide a global torque management solution.

At Crane Electronics, we pride ourselves on being more than just a torque measurement product provider. Not only are we a product manufacturer, we aim to provide a complete torque management solution utilising our years of knowledge and expertise.

One of the world's largest vehicle manufacturers based in the UK and with headquarters around the globe, required a new solution to improve and streamline their torque auditing process in a number of their facilities at home and abroad.

Due to a number of mergers and developments over the last few years, the manufacturer was utilising a number of different systems for their auditing process. The systems in place were old and inefficient and they needed a solution that offered a completely new management system, support during the transition and ongoing support and maintenance in the future.

Crane Electronics were approached to propose a solution for the application and we were able to demonstrate that we were committed to devise and provide a completely new and efficient system that would improve their torque auditing processes.

Over the course of two years, Crane worked alongside the Quality department at the premium automotive brand to develop a series of solutions, tailoring our products and services to adhere completely to the customer's requirements as a business and also across their numerous facilities.

The new torque auditing solution implements our WrenchStar Multi digital torque wrenches and the IQVu torque data collectors, working in combination with bespoke product software, implemented to work with the customer's existing computer systems for ease of reporting and complete traceability from start to finish.

In addition to this, we also committed to providing a series of bespoke trolleys to house the wrenches and data collectors to power and charge the tools during downtime, allowing them to be used across multiple shift patterns and also allowing them to be moved around a facility and a production line with complete ease for the user.

Customer: One of the world's largest car manufacturers providing vehicles to markets around the world.

The Challenge: To provide a completely new torque auditing system to improve the efficiency and increase the speed of their product quality processes.

Crane Products: To incorporate our range of digital torque wrenches, data collectors and bespoke software systems for traceability and easy reporting.



Our torque measurement solutions are utilised across the automotive industry in a number of critical applications including within quality auditing and inspection areas.

The results delivered by our torque auditing solution has greatly improved the customer's efficiency, reducing the time spent between measuring individual joints and fasteners, but also with the improved software, reducing the time taken to download individual component data to the wrench and data collector.

By doing all of this, we were able to increase the speed of uploading data from the tools back up to the manufacturers computer system for reporting and traceability recording.

Being able to provide a tailored and flexible solution to a complex company structure gave Crane the upper hand against the competition and the customer has enjoyed how Crane has consistently delivered a more intimate and accommodating service.

The development of this relationship over the last few years has led to Crane being appointed the preferred supplier for the company worldwide with solutions being rolled out to their other facilities around the globe.

Ian Brown, Sales Manager at Crane Electronics Ltd, comments:

"We're committed to being more than just a product provider. We have a wide range of knowledge and expertise across our business, especially within the automotive industry.

We were honoured to be given the opportunity to work with such a premium automotive brand and we were committed to working closely with the company and their individual facilities, to be able to develop and offer a tailored offering that fulfilled all of their requirements.

We are looking forward to a long and fruitful partnership with the manufacturer as we begin to roll-out our offering to their global facilities."

For more information about how we can provide a solution for your business, please contact us online at www.crane-electronics.com or alternatively, email us at sales@crane-electronics.com.



Above: The WrenchStar Multi and IQVu torque data collector allow the customer to record data accurately alongside outlined specifications, and transfer the data efficiently.

Below: The customers' IQVu data collectors were programmed with bespoke software.



Locations

UK - Watling Drive, Hinckley, Leicestershire LE10 3EY, UK

USA - 1260 11th Street West, Milan, Illinois 61264, USA

Germany - Im Rank 5, 73655 Plüderhausen, Germany

