

CimStation passes Jaguar Cars inspection



Reduced time for first inspection and increased precision of CMM programs by re-using CAD data, are just two of the findings of an investigation into Silma's CimStation Inspection for Jaguar Cars Ltd by Craig Moore in his Final Year Project for a B.Eng. Honours Degree in Mechanical & Manufacturing Engineering at Coventry University.

To meet the requirements of the Ford Product Development System, Jaguar Cars had to increase the efficiency of its CMMs across different Jaguar production facilities. The investigation over a 5 month period revealed significant technical

and business benefits of using CimStation over on-line programming. In addition to those already mentioned, Craig Moore also found it increased the utilisation of CMMs for measurement rather than on-line programming and he demonstrated flexibility in running programmes originally developed for Zeiss on alternative [LK] CMMs.

Following the investigation and completion of a successful pilot trial, Jaguar is now preparing to use CimStation Inspection at its plant in Halewood, Castle Bromwich and Whitley Quality departments may soon follow.



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Vectayn puts clients in the picture

Computer- aided engineering consultancy Vectayn takes client service seriously. Unlike its competitors who still rely on paper reports with illustrations, Vectayn has gone a stage further. It is using Ceetron's GLview Pro to send clients analysis results that are completely interactive.

Vectayn offers a high quality, consultative engineering and predictive structural analysis service to the automotive, aerospace, military and plastics industries. "Many of our client's are multinational businesses so we often work with company's remotely in Germany, for example. GLview brings us closer to clients by enabling us to send them analysis results they can see and interact with. GLview has changed the way we work with clients," says managing director Ray Bailey.

GLview allows Vectayn's client to start from one view and then manipulate the image to take in other views and even perform cut away animations. Bailey's company uses GLview Pro to view and interrogate analysis results; and provides its clients with GLview Express to view the analysis.

"We looked at alternative mesh-type software packages before selecting GLview but they lacked the functionality and would have meant clients had to buy licences to use the software. The GLview Express viewer software is free and readily available on Ceetron's web site," says Ray Bailey. "

To find out how the latest release of GLview can animate your FEA results visit www.acel.co.uk



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