



CONTACT
Software

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P R E S S | I N F O R M A T I O N

CONTACT and BETA CAE Systems launch a development partnership

Integrated range of solutions for simulation data management in PLM context

Bremen, Thessaloniki, 26 January 2012 – CONTACT Software and BETA CAE Systems have launched a development partnership to incorporate the field of product validation into Product Lifecycle Management (PLM). This will enable two renowned leading software manufacturers in their relevant fields to bundle their know-how: CONTACT in PLM and BETA in the field of simulation. The cooperation aims to close the gap which has previously existed between the worlds of CAD and analysis with an integrated range of solutions. This kind of trans-discipline support in PLM context is in particularly high demand among automobile manufacturers and suppliers, as well as other sectors in the manufacturing industry, to speed up the development process and improve the traceability of verification results.

The virtual simulation of product characteristics such as statics, acoustics, vibration or crash and fatigue behaviour is currently inadequately incorporated in the PLM processes of companies. But as changes between analysis and construction have to be compared on an ongoing basis, error sources occur on several occasions when transferring information from one system to another and any necessary amendments must be made manually. CONTACT and BETA aim to create an efficient and productive landscape for optimising components from the geometry through to verification, which makes these breaks in processes, and the associated disadvantages with regard to time, costs and quality, obsolete. "By combining simulation and PLM, design and verification methods, the key areas in the innovation process can be supported throughout", explains Dimitrios Angelis, president of BETA CAE systems, outlining the goals of the partnership.

CONTACT managing director, Karl Heinz Zachries, highlights the high synergy effects created from this cooperation. While CONTACT covers product development from the early phase through to series production with its PLM platform CIM DATABASE, the CAD data management solution Workspaces and the Fast Concept Modeller (FCM), BETA is a leading provider in the field of simulation, with its flagship product suite of ANSA pre-processor and μ ETA post-processor, plus other CAE tools. "We have products which complement each other perfectly, a large joint customer base and, most importantly, also speak the same language", states Zachries - a statement he believes is underlined by the success of the cooperation to date. Based on use cases, both companies are currently working with customers to specify the scenarios for simulation data management in PLM context and are working on an initial prototype, which is planned to be ready for presentation at the CONTACT User Meeting 2012 in the middle of June.

BETA CAE Systems

BETA CAE Systems S.A. is an engineering software company committed to the development of best-in-class pre- and post-processing solutions for multidisciplinary CAE applications. BETA CAE Systems product suite holds a worldwide leading position in the CAE software, setting the standard in CAE pre- and post-processing in many sectors, including automotive, railway, aerospace, motor sports, chemical processes, energy, electronics, heavy machinery, power tools, and biomedical.