

PRESS RELEASE 08/2008

RTT PictureBook 4.0 and RTT DeltaGen 8.0 – the standard tools of the high-end visualisation sector: functions providing a new dimension in the design process

A Quantum Leap in 3D – RTT Presents New Software Versions

Munich, 25 June 2008 – Industrial designers are creative souls. They use high-performance visualisation tools to convert their product ideas into realistic, virtual models in real time, thereby providing a new dimension in product presentation. Realtime Technology AG (RTT) supplies the designers with the industry-leading solutions and services that they need to achieve their goals. Twice each year, the Munich-based visualisation specialists generate excitement when they release updates of their award-winning software; the new features available in the latest versions of RTT DeltaGen (v.8.0) and RTT PictureBook (v.4.0 – formerly RTT Portal) should soon be dominating professional discussion in the industry. These new versions will be available as of mid-July 2008.

RTT DeltaGen 8.0: for even faster results with less effort

RTT DeltaGen now has an entirely new “look concept” and makes it easier than ever for designers to work with virtual models. All the components required for material creation have been integrated into the new version, enabling users to execute visualisation steps directly. The new clearly arranged GUI (graphical user interface) allows designers to work more intuitively with models than ever before, and the various procedures in the design process have been simplified and shortened. It is now much easier for users to access individual parameters, such as materials, shaders and textures. A range of pre-settings also makes it easier for designers with no previous experience of RTT DeltaGen to start using the program and quickly achieve the desired high-quality design results.

RTT’s DG Scale technology has now been integrated with RTT DeltaGen 8.0. This can be used, for example, to display optical effects even more rapidly in real time with the RTT RealTrace module. RTT’s ray tracing technology uses the high-performance processors of modern graphics cards (GPU) rather than the CPU (the main processors in computers), which means that the exceptionally high number of computing operations required for RTT RealTrace can be executed with considerable speed. These operations are optimally distributed to the available processors by means of multi-GPU support. The increased speed of execution benefits designers in that it improves refresh rates and makes movements more fluid.

RTT RealFluid: the visual link between engineering and design

In conjunction with Visenso GmbH (one of the leading providers of virtual reality software for analysing calculation results), RTT AG has developed the RTT RealFluid computational fluid dynamics (CFD) module, which significantly enhances the functions available in RTT DeltaGen. RTT RealFluid facilitates the photorealistic visualisation of flow simulation data, i.e. allowing physical processes to be displayed in the context of vehicle or product design. Designers are now able to visualise interior and exterior flow effects for vehicles, aircraft and ships with a previously unheard-of level of quality. It is now possible, for example, to display the power distribution in a vehicle or the airflow inside its cabin and to use these animations in presentations, design reviews and marketing campaigns. This allows designers to work particularly closely with engineers and aerodynamics specialists and to analyse changes made to vehicle or aircraft models with even greater precision. RTT RealFluid thus represents a powerful tool for developing optimum solutions that bridge gaps between design and construction. For the first time,

it is now possible to display flow simulations in high-quality photorealistic detail, and so decisions addressing the requirements of both designers and construction engineers can be made more rapidly and easily.

RTT Immersive: immersion in virtual models

The new software version also contains a few enhancements to the RTT Immersive module. Comprehensive support is provided for designers, making their work with virtual models both simple and precise. In addition to the three-dimensional model display, those people responsible for making key decisions can also intuitively navigate around virtual models by means of physical tracking devices. Designers can select control windows which, for example, can be used to choose various navigation modes, to analyse models using measurements and cross sections, or to evaluate alternative designs and animations. The complete navigation is assumed by the person responsible for design, thereby allowing decision-makers to truly emotionally experience virtual models.

RTT DirectAutoCAD: high-end visualisation for all

In the past, high-end RTT DeltaGen visualisation software was used almost exclusively by large companies or departments. When creating CAD data, smaller architecture and design offices usually depend on AutoCAD from Autodesk or other systems based on, or compatible with, AutoCAD's DWG data format. Until now, this has meant that they have not been able to directly make use of high-end visualisation solutions such as RTT DeltaGen. However, the RTT DirectAutoCAD conversion tool is set to change this. Designers can now rapidly convert their original files and prepare them for the rendering process.

RTT PictureBook 4.0: transparent management of all data relevant for design

The new version, 4.0, includes significant enhancements to the asset management system and presentation platform RTT PictureBook (formerly RTT Portal). The management of materials is closely tied in with RTT DeltaGen and focuses on workflows. Designers can access a server-based database and the status of various materials can be updated at any time. This makes it much easier for everyone to coordinate collaboration within teams and across multiple locations. WebDAV access enables designers to access and edit files directly and easily from applications without having to download them beforehand. As of late, users have also been able to view 3D scenes as interactive, 2.5D QuickTime previews on their computers without even having to use visualisation software, thus giving them an impression of the exceptional quality of a 3D model. Furthermore, external designers located at partner firms or suppliers can now also use RTT PictureBook. The latest version provides a protected access option for the system, which is also available outside a firewall.

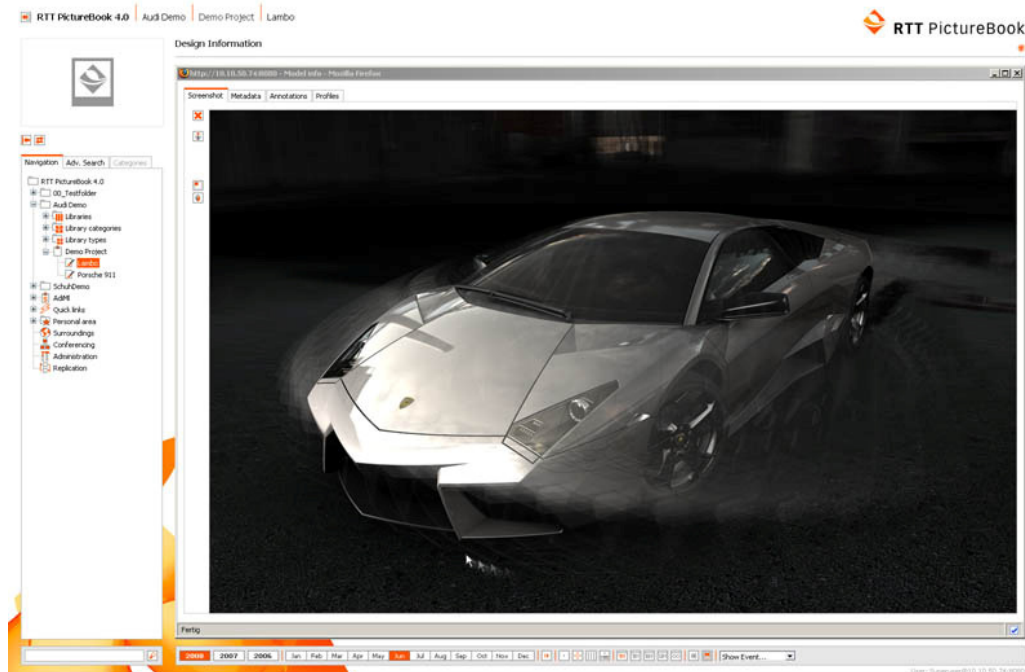
"RTT DeltaGen 8.0 and RTT PictureBook 4.0 represent further significant enhancements to our award-winning solutions. Our software now performs even better, is more user-friendly and is extremely intuitive. We can address additional industry sectors with the RTT RealFluid CFD module and the RTT DirectAutoCAD conversion tool, and are now making RTT software accessible to a wider user base. As such, we have laid the foundations for further growth", explains Christoph Karrasch, co-founder and board member of RTT AG.

RTT DeltaGen 8.0 and RTT PictureBook 4.0 are set to become available as of mid-July 2008. Interested? See <http://www.rtt.ag> for more information.

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RTT DeltaGen 8.0: Devotion to Detail



Everything under control with RTT PictureBook 4.0

Please contact us for high-resolution pictures.

About RTT AG

Realtime Technology AG is a worldwide leading supplier of 3D real-time visualization technologies and services for industrial applications in the automotive, aerospace and consumer goods industries as well as in industrial design. The company supports its customers not only during the design and developing phases with regard to the virtual display of different product concepts (Virtual Prototyping), but also during the marketing and sales stages in presenting the products in all variants and with all additional options in the Showroom, on the Internet, at fairs or at dealerships (Virtual Marketing).

Among RTT's customers, one can find Adidas, Airbus, Applus Airon Technic, Audi, BASF, Bertrandt, BMW, Carbon Motors Corporation, Chrysler, Dai Nippon Printing (DNP), DaimlerChrysler, Dodge, EADS, EDAG, Fiat, Ferrari, Ford, General Motors, Hakuholdo, Holden, Honda, ICON Aircraft, Inovo Design, Italdesign Giugiaro, Iveco, Jeep, Lamborghini, Lexus, Magna Steyr, Maserati, Maybach, Mazda, Mercedes, Miele, Opel, PATAC, Porsche, PSA, Rolls-Royce, Samsung, Scania, Schüco, Serco, Skoda, Sony Ericsson, Steelcase, Suzuki, TERREX, Tesco, Thyssen Krupp, Toppan Printing, Toyota, UCHIDA YOKO, Volkswagen and Volvo.

The supplier of 3D real-time visualization solutions looks back on a remarkable development with average annual growth rates of 50 per cent over the past few years. RTT currently employs about 310 people at ten locations. The company is based in Munich. Further offices are located in Los Angeles, Detroit, Seoul, Tokyo, Paris, Brussels, Milan, Stuttgart and Hamburg.

RTT is a public company traded on Open-Market Frankfurt, Xetra, Freiverkehr Stuttgart and Freiverkehr Berlin-Bremen: R1T, ISIN: DE0007012205. For further information, please refer to www.rtt.ag

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