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Realtime Technology (RTT) AG and EB (Elektrobit) make fully operational virtual prototypes possible

RTT and EB Revolutionise Virtual Interface Design

Munich, June 03, 2009 – Realtime Technology (RTT) AG, the world's leading supplier of 3D visualisation solutions and services for product design and marketing, and EB (Elektrobit), the leading supplier of standard software solutions for embedded systems, are launching a plug-in for modern research methods in the world of HMI. *Human Machine Interface* tests and analyses the interaction between humans and machines and provides answers relating to the safety or capabilities of a product. The plug-in created by RTT and EB represents a real step forward in terms of the development of new user interfaces as well as input devices. At very early stages of product development, virtual prototypes can now be used to simulate and efficiently test functions and human-machine interaction in order to allow increased user-friendliness.

In conjunction with RTT, EB is rolling out a link between the RTT DeltaGen 3D visualisation software and the HMI (*Human Machine Interface*) development tool EB GUIDE Studio. This plug-in provides support for key issues relating to research into operational concepts, such as safety, capabilities and task distribution. Thus, during the demonstration of a prototype vehicle, for example, a user can experience the HMI solution directly in the virtually visualised vehicle interior. The virtual automobile can be simulated authentically using tracking goggles and a controller, the interface display reacts to input from the user as it would in a real-life situation and even the operating buttons can be operated in the virtual world.

The life-like visualisation of prototypes plays a crucial role beyond purely simulating operating commands. Input such as route searches in the navigation system or playing music on the in-car stereo can be realistically analysed in environments mirroring those that will later play host to these actual activities – real-life vehicle interiors.

“The interplay between our software solutions opens up new avenues in the development of modern, intuitive device operating concepts. Virtual, photorealistic models can be used to test functions and input designs in a realistic, interactive and straightforward way,” comments Christoph Karrasch, co-founder and board member at RTT AG. “The plug-in for EB GUIDE Studio makes it possible for customers to test various HMI concepts in the virtual world at a very early stage in their development. They can then also make any fine adjustments necessary directly in the virtual prototype. This saves time and reduces costs in the development process due to the fact that users can provide feedback very early on,” adds Thomas Fleischmann, Product Manager at EB.

www.elektrobit.com
www.rtt.ag

2,414 characters (without blanks)



Intuitive Porsche Communication Management (PCM): Commands and designs were tested in live conditions in the interior of the virtual Porsche prototype.



Virtual interface design: Efficient fine adjustment of the range of functions and their design via virtual models.



About EB, Elektrobit Corporation

EB develops advanced technology and transforms it into enriching end user experiences. EB specialises in demanding embedded software and hardware solutions for the automotive industry and wireless technologies. The company's net sales for the year 2008 totaled EUR 172.3 million. Elektrobit Corporation is listed on NASDAQ OMX Helsinki. www.elektrobit.com

About EB, Elektrobit Automotive Software

EB has established itself internationally as one of the most important suppliers of embedded software solutions for the automotive industry. In addition to the development of innovative products, the company also specialises in services and consulting for the automotive industry, supplying implementations of serial software solutions for a broad range of AUTOSAR and FlexRay, Infotainment, Navigation, HMI and Driver Assistance systems. The company was founded in 1988 as 3SOFT GmbH and since 2004 is a member of the globally present Elektrobit Corporation. Since 2006 it has been known as Elektrobit Automotive GmbH.

About RTT AG

Realtime Technology AG is a global leader in the provision of 3D real-time visualisation technology and services for industrial applications in the automobile, aeronautical and consumer goods industries, as well as in the field of interior design and architecture. The company supports its customers in their design and development by enabling the virtual representation of various product designs (virtual prototyping) as well as in their sales and marketing by facilitating product presentations that include every model, and additional options too, in showrooms, on the Internet, at trade fairs and at points of sale (virtual marketing).

RTT customers include names such as 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, Hakuhodo, Holden, Honda, ICON Aircraft, Inovo Design, Italdesign Giugiaro, Iveco, Jeep, Lamborghini, Lexus, Magna Steyr, Maserati, Maybach, Mazda, Mercedes, Miele, Mitsubishi Electric, Opel, PATAC, Porsche, PSA, Rolls-Royce, Samsung, Scania, Schüco, Serco, Skoda, Sony Ericsson, Steelcase, Suzuki, TERREX, Tesco, Thyssen Krupp, Toppan Printing, Toyota, UCHIDA YOKO, Vauxhall, Volkswagen and Volvo.

The provider of 3D real-time visualisation applications can look back proudly on remarkable corporate development with annual growth of 50% in recent years. RTT currently employs approximately 370 staff in twelve offices. The company headquarters are located in Munich, and the business is represented by further offices in Los Angeles, Detroit, Seoul, Tokyo, Paris, Brussels, Milan, Melbourne, Singapore, Stuttgart and Hamburg.

RTT AG is a public limited company, with its shares being traded on the Frankfurt Open-Market, Xetra, Freiverkehr (OTC) Stuttgart and Freiverkehr (OTC) Berlin-Bremen exchanges: R1T, ISIN: DE0007012205. Further information can be found on the Internet at www.rtt.ag.

Media Contact

RTT AG
Markus Slivovsky
Marketing Manager
Rosenheimer Straße 145
81671 Munich
Germany
Tel +49 (0)89 200 275-0
Fax +49 (0)89 200 275-200
Email markus.slivovsky@rtt.ag
Web www.rtt.ag