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## Press Release

**Berlin, the 14<sup>th</sup> of October 2010:** ikv++ technologies ag, the Berlin-based developer of automated system creation tools, has appointed Phaedrus Systems Ltd as its UK partner. Phaedrus will initially be distributing the medini<sup>TM</sup> analyze tool for ISO 26262 and medini<sup>TM</sup> unite diff/merge tool for Simulink.

“medini analyze provides an analysis of project activities against the requirements of ISO 26262,” said Chris Hills, CTO of Phaedrus Systems. “With medini analyze development teams will have a head start in building products and processes that meet the requirements of ISO 26262. The medini unite tool provides a way of identifying differences between MATLAB Simulink models or Stateflow models and merging them on demand”.

“Phaedrus Systems’ specialist expertise in high reliability and safety critical systems makes the company a good fit with ikv++ technologies ag and its partners,” said Dr. Olaf Kath, CEO of ikv++ technologies ag. “We see the company and its understanding of the British market as a valuable extension of our company.”

### Press contact

For more information, please contact

For ikv++ technologies ag

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### About ikv++ technologies ag

ikv++ technologies ag ([www.ikv.de](http://www.ikv.de)) offers software products and services for the analysis and development of safe embedded software. Our customers including leading car makers and suppliers from Europe, Japan and the U.S. benefit from efficient implementation of legally required safety standards by our products. With our team, experience and products we contribute to safe embedded software in cars.

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### **About medini analyze**

medini™ analyze is a functional safety analysis tool environment supporting preliminary and detailed risk analysis methods. This comprises risk graph as well as deductive and inductive model analysis such as fault tree analysis, failure mode and effect analysis and fault injection. medini analyze tightly integrates with the system development process and provides rich traceability and automation.

medini™ analyze implements the ISO 26262 workflow and its activities. The tool ensures consistency between safety analysis and functional architecture and design. It supports iterative analysis and development work and can be completely customized to your processes. medini analyze generates your necessary documentation.

medini analyze supports the following activities according to ISO DIS 26262:

- hazard and risk analysis
- ASIL determination
- safety goals and requirements management, ASIL decomposition
- RIF support and DOORS® integration
- system and functional modeling with SysML, embedded Simulink® and Stateflow®
- FME(D)A, FTA and fault injection
- reuse of project templates, check lists and analysis results
- consistency and entire traceability between all artifacts

### **About medini unite**

With medini unite one can easily identify differences between arbitrary Simulink models or Stateflow models. One can merge the differences into a target model and create merge reports - all based on the familiar model visualization. medini unite is easy to integrate within different versioning systems, supports automated and bulk merge, undo/redo of merge decisions and much more.

### **About Phaedrus Systems**

Phaedrus Systems Limited is the UK's leading specialist in the support of engineers at all stages of embedded safety-critical and high-integrity projects. The company is IAR's distributor in the UK. Other tools available include requirements capture for IEC 61508, EN 50128 and nuclear applications; requirements tracking and competency tools; estimation software; a SIL3 RTOS; a hi-rel embedded database; compiler validation reports and reliability/failure software. Consultants have experience working on automotive, rail and aerospace applications, meeting standards such as IEC 61508 SIL4, and D0178B. Backing these is a wide range of other relevant embedded tools.

Independent advice is strengthened by the company's founder being an active participant in several standards bodies, including ISO C, C++ and IEC 61508-3, and a principal author of MISRA-C:2004. Phaedrus Systems is based in Tamworth, Staffordshire. More information is available on the website [www.phaedsys.com](http://www.phaedsys.com)