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## • Verum signs exclusive deal for the use of Formal Systems' FDR model checker in ASD

Verum has signed a break-through contract with UK-based Formal Systems for the exclusive rights to integrate Formal Systems' FDR-model checker into Verum's software design tools. The deal is a major step forward for Verum in the development of the Analytical Software Design (ASD) toolset.

"FDR is a key component of Analytical Software Design", says Robert Howe, CEO of Verum. "We can now exploit the capabilities of the model checker in our commercial software design and code generation tools." Access to Formal Systems' groundbreaking technology means Verum is now unique in being able to deliver a complete ASD solution.

Verum plans to deliver a first product based on ASD in early 2009, followed by release of the full suite in summer 2009.

ASD allows the design of a software system to be mathematically verified as complete and correct, even before a single line of code has been written. Once checked, defect-free source code is generated automatically and directly from the verified design. In principle, ASD can be used for any kind of software. However, it really excels in mission-critical applications, such as embedded software in medical, machine control and automotive systems.

Formal Systems (Europe) Ltd., based in Oxford (UK), is a consultancy firm specializing in the industrial application of formal methods to the specification and development of program code, computer hardware and parallel computer technology. The company was formed in 1989 by computer scientists from the Oxford University Computing Laboratory.

See [www.verum.com](http://www.verum.com) for further information.



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**About Verum**

Verum's Analytical Software Design toolset provides Software Architects and Designers with a simple, general-purpose way to build and automatically generate mathematically verified software for complex embedded & automotive systems. Verum licenses the ASD toolset to customers and offers introduction consultancy and support in its application. Verum was founded in 2003 by Guy Broadfoot and Robert Howe, two veterans of the software development industry. Based in Eindhoven, the Netherlands, the company maintains close ties with researchers at Oxford University in the UK, the University of Tennessee in the USA and the Technical University of Eindhoven (TU/e).