



## Press Release

### **Axilica and Abstract Solutions Collaborate to Provide Advanced UML-based Solutions and Services**

**Loughborough, U.K.** – 17 November 2010. Axilica Limited announced today the signing of a collaboration agreement with Abstract Solutions Limited designed to deliver the UML® training, consultancy and modelling expertise offered by Abstract Solutions to companies adopting Axilica's UML-based behavioural synthesis solutions.

Companies developing complex embedded systems, in key market segments such as telecommunications and military aerospace, are adopting model-driven methodologies to reduce time-to-market and product development costs. UML-based methodologies, widely used in systems and software development, are being applied to hardware modelling and development, enabling use of a common language across systems, software and hardware. Abstract Solutions offers a mature, highly optimised system and software design process that, in conjunction with Axilica's UML-based behavioural synthesis solution for generating hardware, delivers an innovative and agile UML-based embedded systems development methodology.

"Abstract Solutions is finding that companies seeking to reduce the overall cost of developing complex embedded systems are focusing on improving the methods and processes that lead to the successful delivery of these systems," explained Mark Slater, Abstract Solutions' Director of Sales and Marketing. "Our collaboration with Axilica brings together our tried and tested design process with the unique solution offered by Axilica delivering an agile methodology that encompasses system engineering, software development and hardware development. This process will enable customers to achieve their objectives of cost reduction, improved time-to-market and increased asset re-use."

Alec Vogt, Axilica's COO, commented, "We are delighted to be able to offer our customers access to the process and modelling expertise, training and consultancy offered by Abstract Solutions. These services are an excellent complement to our product and services capabilities as we continue to focus on delivering new embedded systems design environments for hardware/software co-design and hardware synthesis which integrate high-level system modelling with UML, SysML and MARTE."

#### **About Abstract Solutions**

Abstract Solutions Limited is a privately held company with headquarters in Guildford, U.K. The company specialises in consulting and training to help companies reduce the time to market, increase reuse of existing artefacts, and reduce the overall cost of developing real time embedded systems by implementing a process based on the OMG's Model Driven Architecture® (MDA).

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Abstract Solutions, an IBM Business Partner, has developed a highly optimised system and software design process backed up by consulting services based on successful projects with some of the leading military aerospace and telecommunications companies including Lockheed Martin, BAE Systems, GCHQ and Ultra Electronics Datel.

For further information on Abstract Solutions or any of its professional services, please visit [www.abstractsolutions.co.uk](http://www.abstractsolutions.co.uk) or call +44 (0)1438 2226180.

### **About Axilica**

Axilica Limited, which was created by IPSO Ventures plc, is a privately held company with headquarters in Loughborough, U.K. The company is focused on the development of leading-edge behavioural synthesis solutions for the deployment of complex embedded systems.

The company's product, FalconML, enables the use of industry-standard SysML and UML modelling tools for the implementation of complex hardware devices, such as FPGAs and ASICs, within advanced embedded systems. FalconML synthesises UML models providing options for hardware-software co-design; for generation of SystemC descriptions for fast system simulation; and for the generation of an RTL description in VHDL or Verilog for subsequent synthesis to a gate-level description.

For further information on Axilica or any of its products, please visit [www.axilica.com](http://www.axilica.com), call +44 (0)1509 227131 or email [info@axilica.com](mailto:info@axilica.com).

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