

# PRESS RELEASE



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8 July 2013

## **Ricardo joins open source consortium in sign of commitment to Modelica-based CAE**

**Ricardo Software announced today that it has joined the Open Source Modelica Consortium (OSMC), demonstrating the company's commitment to Modelica-based CAE and paving the way for launch of the forthcoming IGNITE software product.**

Modelica is a non-proprietary, object-oriented, equation based language for the modelling of complex physical systems containing mechanical, electrical, electronic, hydraulic, thermal, control, electric power or process-oriented subcomponents. With a membership including some of the world's leading engineering organizations and CAD and CAE software developers, the OSMC is a non-profit, non-governmental organization with the aim of developing and promoting the development and usage of the OpenModelica open source implementation of the Modelica and associated open-source tools and libraries.

Ricardo's forthcoming IGNITE product is a physics-based system simulation package – operating in Modelica – that focuses on complete vehicle performance and fuel economy. With a planned launch later this summer, IGNITE allows engineers to quickly identify important variables and constraints and easily find optimal vehicle designs.

The OSMC membership allows Ricardo to include and distribute the OpenModelica solver technology within its software products. With this addition, Ricardo Software users will have greater convenience, as they will no longer have to separately procure



and install third-party platforms in order to operate. In addition, the membership allows the company to provide input into the general direction of Modelica-based industry standards and have voting rights within the consortium.

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“Ricardo is fully committed to Modelica and will be basing our new vehicle system simulation product, IGNITE, on this platform,” said David Higbie, global director of Ricardo Software. “The power and flexibility of Modelica not only enables us to deliver rapid innovation to our clients, but empowers them to implement their own intellectual property in the IGNITE environment.”

Ends



## NOTES TO EDITORS:

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