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30 November 2012

## Press Release: VI-grade Supplies MRacing Formula SAE Team with VI-Motorsport

*Formula SAE team of the University of Michigan to rely on the VI-grade racing simulation suite to improve the performance prediction of their racing cars.*

**Marburg, November 30th, 2012** – VI-grade today announced that the Formula SAE team of the University of Michigan has selected VI-Motorsport, VI-grade's complete suite for system-level racing simulations, to optimize the setup of their racing cars in preparation for the upcoming FSAE competitions.

Founded in 1854, the University of Michigan College of Engineering is one of the premier Engineering schools in the world. The school's strong partnership with automakers later led to the formation of MRacing Formula SAE in 1986. With over 25 years of experience, the team is able to continually push the envelope of vehicle design. In the summer of 2011 the team proved the value of this history by rising to #1 in the world after 6 consecutive top 10 competition finishes. With many of the same engineers still on the team, a newly formed business sector, and new exciting industry partnerships, MRacing is well-equipped to continue succeeding on an international level for the foreseeable future.

**"We are looking forward to supporting the success of this team and we welcome them into the community of our many customers in the racing industry."**

"Major racing teams in all series are using vehicle simulation of all kinds to increase competitiveness in an environment with less physical testing and demands for more performance," said Professor Tim Gordon, Team Advisor, FSAE Team of University of Michigan. "We want our students to learn the same processes and be equipped with the same tools as the racing industry uses. Thanks to the support of VI-grade's technology, we will increase our ability to predict the performance of our designs and race setups using simulation."

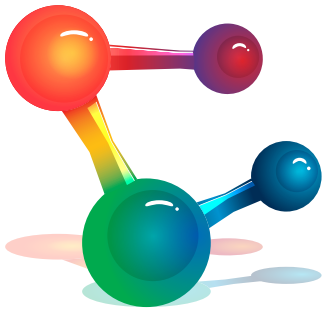
John Logan, MRacing Chassis/Suspension Team Leader, added: "We are looking forward to an excellent year with the help of this software."

"We are very excited about the collaboration with the University of Michigan," said Patrick McNally, Director of VI-grade Americas. "We are looking forward to supporting the success of this team and we welcome them into the community of our many customers in the racing industry."

### About VI-Motorsport

VI-Motorsport is a software environment for vehicle modelling and dynamic analysis, which helps race cars designers and track engineers to predict vehicle performance when set-up parameters are modified, before the car is built and also in support of race events. VI-Motorsport is based on a faster-than-real-time





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simulation solver which can predict the virtual car behaviour and has been extensively validated against test data in various race car series. The VI-Motorsport environment is complemented by the ability to create road data (both drivelines and tire contact profiles) starting either from GPS, laser or telemetry data measurements, or from a fully analytical description. VI-MotorSport will also write out data that is fully compatible with ATLAS from McLaren Electronic Systems, making it simple to integrate with existing tools. Finally VI-grade's advanced driver model allows users to drive the vehicle model around the specified track. For all those companies involved in the process of finding best vehicle set-up and performance whilst at the same time limiting economic resources, VI- Motorsport is an unprecedented support and a revolutionary aid to the engineering team. VI-Motorsport includes the following software modules: VI-CarRealTime, VI-Road, VI-Tires, VI-Driver, VI-Animator and VI-SuspensionGen.

For further information please visit: [www.vi-grade.com/index.php?pagid=vi\\_motorsport](http://www.vi-grade.com/index.php?pagid=vi_motorsport).

## About MRacing - Formula SAE of the University of Michigan

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For further information please visit: <http://mracing.engin.umich.edu>

## About VI-grade

VI-grade GmbH is the leading provider of best-in-class software products and services for advanced applications in the field of system level simulation. VI-grade, established in 2005, delivers innovative solutions to streamline the development process from concept to sign-off in the transportation industry, mainly automotive, aerospace, motorcycle, motorsports and railways. With office locations in Germany, Italy, Japan, and the USA, and a worldwide channel network of 20 trusted partners, VI-grade is a young and growing company with a highly skilled technical team.

For further information, please visit: <http://www.vi-grade.com>

## About Compumod

First established in 1982, Compumod quickly became the name to trust for the supply and support of advanced computer aided engineering simulation tools throughout SE Asia. Relaunched in 2010 Compumod is back, doing what it does best supporting the world's leading Engineering Analysis tools across Australia and New Zealand. Compumod's mission is to deliver state of the art Computer Aided Engineering tools and services to Australian and New Zealand businesses to help them achieve a competitive advantage and sustainable return on investment.

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