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LMS International - the leading partner in test and mechatronic simulation

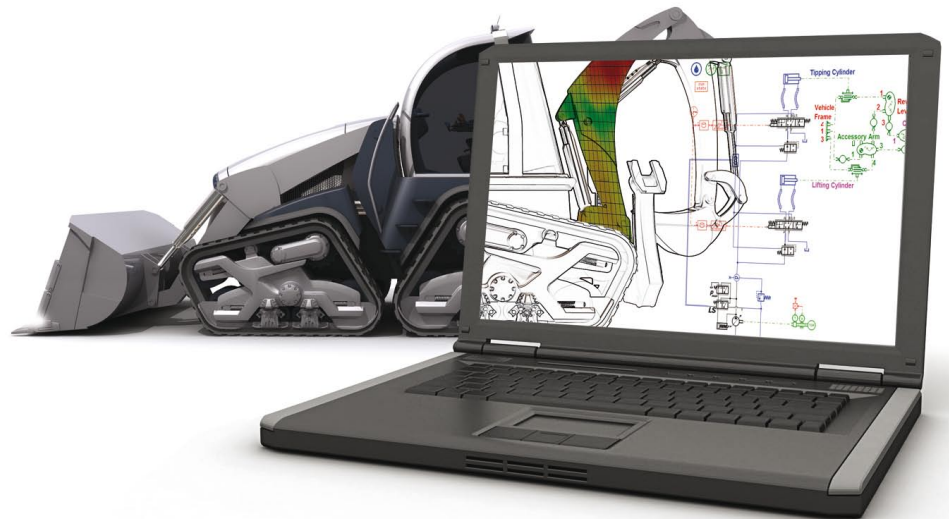
LMS, the leading partner in test and mechatronic simulation in the automotive, aerospace and other advanced manufacturing industries, helps customers get better products to market faster. With a unique combination of mechatronic simulation software, testing systems and engineering services, LMS tunes into mission critical engineering attributes, ranging from system dynamics, structural integrity and sound quality to durability, safety and power consumption. With multi-domain and mechatronic simulation solutions, LMS addresses the complex engineering challenges associated with intelligent system design and model-based systems engineering. Thanks to our technology and over 900 dedicated people, LMS has become the partner of choice of more than 5,000 manufacturing companies worldwide. LMS operates in over 30 key locations around the world.

Based in Leuven, Belgium, LMS International has 30 years of solid engineering experience with an unrivaled track record in developing and marketing technology breakthroughs that address very real customer challenges. From its roots as a high-tech spin-off from the University of Leuven in Belgium, LMS has grown to become a worldwide leader in engineering innovation with mechatronic simulation software, testing systems and engineering services.

Leading partner in test

LMS is the market leader in test-based engineering, having pioneered many innovative techniques in high-end structural and NVH testing over the years. The full portfolio of LMS testing solutions includes transfer path analysis, rotating machinery, structural and acoustics testing, environmental testing, vibration control, report and data management. On the hardware side, the LMS SCADAS family ranges from compact mobile units, autonomous smart recorders, dedicated durability solutions up to high-channel count laboratory systems. All hardware and software systems are tightly integrated to tune into the specific needs of practically any testing engineer across a variety of industries.

Over the last decade, LMS International has developed an integrated hybrid process solution – simulation enhanced by test. With LMS mechatronic simulation software and solutions, critical functional performance attributes are



simulated and designed upfront in the development process. This process has enabled LMS customers to slash development times by 30-50 percent. This is not only a tremendous advantage in terms of faster time to market, it also significantly reduced risks and costs.

Leading partner in mechatronic simulation

Today, LMS International is taking simulation a step further to help its customers face new and tough challenges, like energy management and emission reduction, as well as the almost exponential explosion of electronics and controls in a variety of products, such as intelligent vehicles. The LMS International mission today is to continue to be the undisputed leader for empowering innovation - not only the mechanical side, but also a process that bridges into the world of controls and mechatronics. With solutions for mechatronic simulation and 3D analysis supported by expert engineering services, LMS is ready to lead the mechatronic simulation market. These innovative new LMS tools and processes will be the ones customers count on to make the smarter and greener products of the future.

Cutting-edge services for a successful partnership

LMS International helps customers engineer their products better. Our expert engineering service team knows how to support all aspects of the process from concept engineering until digital engineering and, even further, until test-based refinement and final production.

Although it is best to use a frontloaded development process, where product-critical performance attributes can be defined way before the first virtual model, LMS understands that occasionally an outside intervention team is the best way to solve last minute issues. Not only can LMS assist with this, our engineering service experts work hands-on with our customers to share the latest technology and methods.

LMS experts help engineering departments around the world deploy the most up-to-date engineering processes successfully. LMS engineers master a variety of complex domains ranging from vehicle and aerospace engineering to mechanical and mechatronic applications. Our experts combine solid industry experience with multidisciplinary technology and know-how in noise and vibration, strength and durability, safety and crash, kinematics and dynamics, vehicle handling, eco-engineering and mechatronic simulation.

The LMS Engineering Services centers in Europe, the USA and Asia combine state-of-the-art testing facilities with an extensive simulation infrastructure. The local LMS Customer Service team further guarantees that every LMS customer can maintain their software and system know-how for an optimal return on investment through extensive training, seminars, a multi-lingual response line and other customized professional services.