



*For Immediate Release*

**LMS APPOINTS HARRY G. HOHN CHAIRMAN OF THE BOARD  
4 NEW MEMBERS INTRODUCED AT AGM**

**Montreal, Quebec, August 22, 2008** – **LMS Medical Systems (TSX:LMZ)**, a healthcare technology company and developer of the CALM® patient safety software systems for obstetrics, today announced the appointment of Harry G. Hohn to Chairman of the Board.

Mr. Hohn spent over four decades with the New York Life Insurance Company having joined the company initially as an attorney. Formerly Chief Executive Officer, he also served as Chairman of the Board. During his watch, New York Life grew to \$90 billion of assets and \$18 billion of revenue.

At the Company's annual meeting of shareholders held August 12, 2008 six board members were re-elected being Elaine Beaudoin, Diane Côté, Terrance H. Gregg, Harry G. Hohn, Benoit La Salle and Michael Maher.

In addition, four new directors were welcomed to the board; Dr. Emily Hamilton, William C. Horn, Jacques Malo and Timothy R. McCracken.

Dr. Hamilton is an Obstetrician Gynecologist with over two decades of clinical experience and founder of LMS. She has held various academic appointments at McGill University including Director of Perinatology and has served on several national task forces for clinical practice guidelines on fetal surveillance and preterm labor.

William C. Horn is the Chief Operating Officer of First Angel Capital LLC, an investment boutique and private investment fund. From 2001 to 2004 Mr Horn was at State Street Corporation, Boston, MA where he was Vice President, Risk Management & Compliance. Mr. Horn spent the eight years prior involved with Fidelity Capital Markets and Fidelity Management and Research Company in roles that involved Counterpart research, global Risk Management, and fixed income trading. Mr. Horn lives in Boston.

Jacques Malo has been engaged in the software industry for over 30 years. Formerly Vice-President, Business Engineering, for CGI Inc., he has also been responsible for business development at AGTI Consulting Inc. He has actively engaged in the information technology arena as President of BCE Emergis Canada and held numerous Chief Information Officer positions in the media and financial services industry. Mr. Malo is the Vice-Chairman of the Board of Technologies 20-20 inc. and Chairman of the Board of Sensio Technologies inc.

Timothy R. McCracken is Managing Director and a Co-founder of Motum, LLC, a Dallas based revenue performance consulting firm that helps companies exceed breakthrough revenue through the effective transformation of sales and marketing. Before Motum, Tim was Vice Chairman of Tatum LLC, the largest executive services firm in the US. During his thirty-year career, Tim also served as Sr. Vice President Global Presales for i2 Technologies, a world leader in supply chain software and launched and led the third-largest global service line for Ernst & Young Consulting.

**About LMS:** LMS is a leader in the application of advanced mathematical modeling and neural networks for medical use. The LMS CALM Suite provides physicians, nursing staff, risk managers and hospital administrators with clinical information systems and risk management tools designed to improve outcomes and patient care for mothers and their infants during childbirth.

*Except for historical information contained herein, the matters discussed in this news release are forward-looking statements. Because these forward-looking statements involve risks and uncertainties, there are important factors that could cause actual results to differ materially from those expressed implied by the forward-looking statements including, but without limitation, economic conditions in general and in the healthcare market, the demand for and market for our products in domestic and international markets, our current dependence on the CALM product suite, the challenges associated with developing new products and obtaining regulatory approvals if necessary, research and development activities, the uncertainty of acceptance of our products by the medical community, the lengthy sales cycle for our products, third party reimbursement, competition in our markets, including the potential introduction of competitive products by others, our dependence on our distributors, physician training, enforceability and the costs of enforcement of our patents, potential infringements of our patents and the other factors set forth from time to time in the Company's filings with the United States Securities and Exchange Commission and with the Canadian Securities Commissions. The Company has no intention of or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.*

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