

## **Ben Miners, Ph.D., P.Eng.**

Dr. Ben Miners transforms transportation experiences using innovative solutions to make transportation safer, smarter, and greener. As the Vice President of innovation at Intelligent Mechatronic Systems (IMS), he provides leadership for next-generation technologies, advanced R&D, strategic innovation initiatives, data intelligence, and partnerships to deliver best-in-class solutions. Dr. Miners shapes future connected car, driver, and lifestyle experiences to enhance mobility and drive value across the ecosystem. Recent examples include usage-based models for road pricing and insurance telematics, software to improve mobility efficiency, and context-relevant engagement tools to improve driver behaviour. Other activities include the integration of diverse internet-of-things, vehicle and mobility insights in platforms designed for partnerships to deliver value-added-services, relevant insights, scalable congestion management solutions, and more!



Dr. Miners holds a Doctorate in Electrical and Computer Engineering from the University of Waterloo, a Master of Science from the University of Guelph, and is a licensed professional engineer. He now focuses on innovative traveler-centric solutions leveraging interesting relationships between transportation, society, and the individual traveler to transform data, context, and intent into actionable intelligence. Before joining IMS, Dr. Miners created solutions to address new challenges in the transportation, logistics, process optimization, and remote monitoring fields including intuitive user experiences, remote sensing, high velocity unsolicited data management, pattern recognition, data intelligence and effective visualization.

The importance of data-driven mobility insights and software across all aspects of Intelligent Transportation Systems (ITS) has increased significantly over the last decade, with even faster advancements possible in the years ahead. The pervasive nature of software and data-driven mobility insights is critical to further improve efficiency and optimize mobility both at the individual and aggregate levels, from usage-based models to fund transportation infrastructure, to realtime decision support systems using crowdsourced data. These advancements blur the lines between traditional transportation solutions and software, enabling transportation-as-a-service, instant smartphone based mobility, and a wealth of new information to derive additional insights and ongoing stakeholder value.

Dr. Miners looks forward to continuing to provide strategic guidance while drawing upon his relevant connected vehicle, automotive software, telematics, advanced R&D, and traveler-interaction experiences to actively contribute as a member of the Board of Directors for ITS Canada. Together, we can educate, integrate, innovate, and help grow our organization and embrace emerging technologies, sectors, and new market entrants into ITS to realize safer, smarter, and greener transportation advancements both within Canada and globally.