



Sustainable solutions for traffic technologies

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Peek Traffic's adaptive control software receives ITS Canada Award

HOUSTON, TX – Peek Traffic, a Signal Group company, is proud to announce that its new adaptive control software called MARLIN (multi-agent reinforcement learning integrated network) was recently recognized with the “New Canadian Commercial Industry / Academic ITS Technology / Innovation / R&D Award” by the Intelligent Transportation Systems Society of Canada (ITS Canada) at the organization’s 2015 Annual Conference and General Meeting in Gatineau, Quebec in May 2015.

“It’s an honor to receive this award”, said Rolando Garcia, VP of Operations and COO of Signal Group. “It is a reflection of our ongoing commitment to developing the most technologically advanced traffic control products in our industry.”

MARLIN is a state-of-the-art traffic control system based on artificial intelligence and game theory. The technology is the result of a decade of research at the University of Toronto and can reduce traffic waiting times at intersections by up to 40% through the integration of real-time queue length calculation into adaptive intersection control. It is decentralized and enables the traffic light system to self-learn and self-collaborate with neighboring traffic lights wirelessly.

MARLIN has also received the IEEE 2013 (Institute of Electrical and Electronics Engineers) Award, the INFORMS 2013 (The Institute for Operations Research and the Management Sciences) Award, and the University of Toronto Inventor of the Year Award 2014.

About Peek Traffic

With equipment and systems installed globally, Peek Traffic is the most trusted and widely recognized manufacturer of hardware and software for traffic control; traffic data collection and analysis; vehicular tolling and vehicle detection. For more information: www.peaktraffic.com