

TagMaster presents breakthrough for AI and Deep Learning in managing and analyzing traffic incidents

Press release, Stockholm, Sweden, October 13, 2021

TagMaster, the leading supplier of advanced sensor systems for Smart Cities within Traffic and Rail, presents at the ITS World Congress in Hamburg, October 11-15, great success for its incident management analytics module based on Deep Learning technology. TagMaster's French subsidiary Citilog, which has developed the technology, has in 2021 experienced a breakthrough for the use of Artificial Intelligence and especially Deep Learning in the field of incident management.

Citilog was the first company to introduce video-based automatic incident detection in 1997. In 2019 Citilog introduced the first incident management analytics module based on Deep Learning technology, CT-ADL. The solution is aiming at enhancing the performances of its automatic incident detection video analytics solution.

"The results have been more than encouraging from the start with reduction of false alarms by a factor ten. Early adopters have already converted their critical road infrastructures to make their operations more efficient", said Jonas Svensson, CEO, TagMaster.

During 2021 major projects have been deployed that use the Deep Learning technology on a very large scale. 700 cameras have been installed with edge-analytics for the ITS Egypt project, covering freeways around Cairo, and demonstrated great efficiency. 350 cameras also installed with edge-analytics have been used on a large road infrastructure project in Hong Kong aimed at detecting roadway incidents and accidents but also at collecting traffic data.

"These two projects demonstrate how artificial intelligence contributes to making video-analytics viable on large-scale projects. This opens new opportunities for road authorities to deploy automatic incident detection on highways, bridges and ring roads whereas most deployments have been historically in tunnels", said Eric Toffin, CEO, Citilog.

Citilog, acquired by TagMaster in April 2021, has today a broad portfolio of cutting-edge algorithms, based on Deep Learning, that can be used as both edge solutions and cloud-based solutions. Citilog is focusing on four application areas – incident management, traffic efficiency, traffic statistic and remote parking enforcement.

ITS World Congress is the largest event in the field with a focus on smart mobility and digitization of transport. The Congress is the annual celebration of smart mobility that underlines the importance of intelligent transport systems (ITS).

For further information, please contact

Jonas Svensson, CEO, +46 8-6321950, jonas.svensson@tagmaster.com

About TagMaster

TagMaster is an application oriented technical company developing and selling advanced sensor systems and solutions based on radio, radar, magnetic and camera technologies for demanding environments. TagMaster works in two segments - Segment Europe and Segment USA – with the trademarks TagMaster, Citilog and Sensys Networks – with innovative mobility solutions for increased efficiency, security, safety, comfort and to reduce environmental impact in Smart Cities. TagMaster has daughter companies in England, France, US and Sweden and exports mostly to Europe, The Middle East, Asia and North America through a global network of partners and system integrators. TagMaster was founded in 1994 and has its head office in Stockholm. TagMaster is a listed company and the share is traded at Nasdaq First North Premier Growth Market in Stockholm. TagMasters certified adviser (CA) is FNCA, telephone +46852800399, E-mail: info@fnca.se www.tagmaster.com