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TagMaster's AI incident management system successful at New York Bridges

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TagMaster, the leading supplier of advanced sensor systems for Smart Cities within Traffic and Rail, demonstrates at the major trade fair ITS America in Charlotte, North Carolina, December 7-10, its incident management analytics module based on AI and Deep Learning technology. TagMaster's French subsidiary Citilog, which has developed the technology, has recently received attention for the module's major contribution to reducing traffic congestion caused by accidents and incidents on the New York Bridges.

The New York State Bridge Authority (NYSBA) has been using Citilog's Incident Management system based on AI and Deep Learning since 2016. According to the US Federal Highway Administration, traffic incidents are the single leading cause of traffic congestion and accounts together with debris on the roads for a total of 25 percent of all traffic problems.

"Citilog's AI-based incident management solution has helped to significantly reduce congestion on and around New York's bridges. According to NYSBA, this is mainly due to the reporting of accidents and incidents within seconds using Citilog's system instead of minutes or even longer periods as is the case with other systems or in the event of a total lack of reporting systems", said Jonas Svensson, CEO, TagMaster.

The good effects of the AI-based system were recently noticed in the industry magazine Traffic Technology Today, the days before the big trade fair ITS America, which is one of the year's biggest events in the field. At the fair, TagMaster focuses on showcasing Citilog's advanced solutions for streamlining and monitoring road systems, which is very relevant in view of the large infrastructure investments that are being made in the USA and Europe for climate reasons.

Instead of relying on manually monitoring many video feeds or driver reports to identify incidents, Citilog's Incident Management system automatically detects traffic incidents. These highly accurate detections enable traffic operators to act quickly, which improves response times and reduces traffic problems.

The system automates incident detection in tunnels, on bridges and highways, which means that rescue services, crews to assist with disabled vehicles or debris cleanup are ordered out without any manual seduction. Information about the traffic situation is also automatically distributed to drivers via variable message signs.

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.

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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