

Siemens Mobility launches first-ever mobile bus lane enforcement solution in New York

- **Intelligent infrastructure used on three bus routes in Manhattan and Brooklyn**
- **Helps ease congestion and improve efficiency**
- **Sophisticated solution identifies violations and length of stay**

Siemens Mobility has successfully launched an Automatic Bus Lane Enforcement (ABLE) solution in New York City, representing the first-ever application of this technology to be mounted on buses. The ABLE systems are installed on M15 Select Bus Service buses that operate on bus lanes benefitting more than 44,000 daily customers. The technology is playing a key part in New York City's drive to improve bus speed and efficiency and to keep traffic moving on the city's congested streets.

A camera mounted directly on an operating bus immediately captures violations, where vehicles are stopped in the bus-only lanes, that would have otherwise required substantially more surrounding static camera infrastructure in order to capture the same information.

"New York City is one of the most challenging traffic environments in the world. Siemens Mobility was able to combine and adapt GPS, Geo-fencing and ALPR (Automated License Plate Recognition) into an innovative and much more efficient solution, ensuring the city's buses are running more efficiently, without being impeded by other vehicles, in bus-only lanes. By improving availability in the lane, it reduces commutes and can improve passenger experience on the more than two million daily bus trips served by their system," said Michael Peter, CEO of Siemens Mobility. "Our digital solutions are enabling mobility operators worldwide to make their networks more intelligent and ultimately deliver an enhanced experience for

road users. ABLE is a perfect example of how an innovative solution can help solve a real and growing problem for traffic managers in major cities.”

“New York’s leadership in embracing innovative technologies like this will not only be improving the commute for the millions of transit passengers who ride New York City buses, but also helping to mitigate traffic congestion and optimize travel time and safety, benefiting road users who will spend less time sitting in traffic.”

This application features Siemens Mobility’s LaneWatch cameras to capture license plate details of vehicles that obstruct bus lanes, together with advanced video capabilities that record photographs, videos and location information. Motorists who block a bus lane are subject to a fine.

Proven in projects worldwide, Siemens Mobility’s LaneWatch provides transport authorities and highways managers with a highly effective enforcement solution, making use of automatic license plate recognition software in combination with advanced image processing, to deliver robust detection and identification of vehicles for traffic enforcement purposes.

For more information, visit

<https://new.siemens.com/global/en/products/mobility/road-solutions/enforcement-and-tolling-solutions/civil-enforcement.html>

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Siemens Mobility is a separately managed company of Siemens AG. As a leader in transport solutions for more than 160 years, Siemens Mobility is constantly innovating its portfolio in its core areas of rolling stock, rail automation and electrification, turnkey systems, intelligent traffic systems as well as related services. With digitalization, Siemens Mobility is enabling mobility operators worldwide to make infrastructure intelligent, increase value sustainably over the entire lifecycle, enhance passenger experience and guarantee availability. In fiscal year 2018, which ended on September 30, 2018, the former Siemens Mobility Division posted revenue of €8.8 billion and had around 36,800 employees worldwide. Further information is available at: www.siemens.com/mobility.