

Poole, 06 June 2016

Siemens introduces Intelligent Parking at ITS European Congress 2016

Leading traffic management company Siemens will demonstrate its new Intelligent Parking system at the ITS European Congress in Glasgow this week (06-09 June 2016) on stand B52 at the Scottish Exhibition and Conference Centre. At the event, Product Manager Priscilla Boyd will present Intelligent Parking - Where ITS and Smart Cities unite in Theatre 1 on Thursday 09 June at 9:00am. The paper explores the integration of intelligent parking bay sensing technologies with traffic management systems, the impact that parking has on traffic and how traffic management can be used to mitigate those issues including future integration with connected and autonomous vehicles.

'Siemens Intelligent Parking provides integration of traffic and parking solutions, adopting parking bay sensors to provide cities with a demand-responsive system, where the data produced gives valuable statistics to help city planning, allowing strategies to be shaped in order to increase revenue, improve customer satisfaction and better compliance in an iterative and dynamic manner,' says Priscilla Boyd.

The system uses sensors fitted to detect individual parking bay or car park occupancy. The data is transmitted to the Siemens Stratos traffic management system via IP connectivity using the Intelligent Parking Access Point, with the data generated being utilised for applications that range from real-time driver information to linking data to payment or enforcement services.

By introducing a system where parking features are intertwined with traffic management, functionality is augmented in such way that it provides cities with a demand-responsive environment, where automatic triggers can be created based on sensor inputs. In turn, the data produced also gives valuable statistics that can help city planning, allowing strategies to be shaped that can increase revenue, improve customer satisfaction and increase compliance in an iterative and dynamic manner.

Other Siemens systems and technologies on show at the event include proven traffic management, tolling and enforcement solutions, connected & autonomous vehicle infrastructure systems expertise and a number of exciting deployments in projects worldwide.

Siemens was established in the United Kingdom more than 170 years ago and now employs 13,760 people in the UK. As the world's largest engineering company, Siemens provides innovative solutions to help tackle the world's major challenges. Siemens has offices and factories throughout the UK, with its headquarters in Frimley, Surrey.

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Notes to editors:

Siemens AG (Berlin and Munich) is a global technology powerhouse that has stood for engineering excellence, innovation, quality, reliability and internationality for more than 165 years. The company is active in more than 200 countries, focusing on the areas of electrification, automation and digitalization. One of the world's largest producers of energy-efficient, resource-saving technologies, Siemens is No. 1 in offshore wind turbine construction, a leading supplier of gas and steam turbines for power generation, a major provider of power transmission solutions and a pioneer in infrastructure solutions as well as automation, drive and software solutions for industry. The company is also a leading provider of medical imaging equipment – such as computed tomography and magnetic resonance imaging systems – and a leader in laboratory diagnostics as well as clinical IT. In fiscal 2015, which ended on September 30, 2015, Siemens generated revenue of €75.6 billion and net income of €7.4 billion. At the end of September 2015, the company had around 348,000 employees worldwide. Further information is available on the Internet at www.siemens.com.