SIEMENS

Background information

Munich, March 20, 2018

Siemens fosters innovation by collaborating with start-ups

Faster, more agile, and simpler — Siemens is taking new approaches when it comes to innovation and is significantly expanding its collaboration with start-ups. For the first time ever, the Siemens booth will also present the smart systems for intermodal travel information proposed by the new Siemens subsidiary HaCon.
This young company as well as a number of start-ups will use the Siemens Innovation Corner at Intertraffic 2018 as a forum for getting their message out, powered by next47, the Siemens technology incubator. With next47, an independent unit designed to supercharge cooperation with start-ups, the company aims to promote disruptive ideas more intensely and to further accelerate the development of new technologies.
Those newcomers may be the big players of tomorrow … And tomorrow will be here faster than we think.

Derq to showcase AI and V2x technology to help eliminate road accidents
Derq is on a mission to eliminate road accidents and save lives by using artificial intelligence and V2X technology. Through its proprietary technology, Derq can predict and help prevent road collisions for both conventional and autonomous vehicles leveraging smart cities and connected vehicles ecosystem. Derq will be showcasing its V2X applications including Intersection Safety and Vulnerable Road User Safety with Siemens during Intertraffic Amsterdam 2018.

The company was founded in 2016 and is headquartered in Dubai, United Arab Emirates, with offices in Detroit, United States. It is amidst expanding its presence in Dubai and working on a number of pilot projects with road authorities in the United States and Gulf Cooperation Council, as well as several partnerships with Original Equipment Manufacturers' (OEM) and Tier-1 suppliers.

The Centers for Disease Control and Prevention (CDC) recently reported that an estimated 1,25 million people around the world die from largely preventable road accidents every year. An MIT-spinoff company and recent graduate of the Techstars Mobility program in Detroit, Derq is out to change this. The United States Department of Transportation estimates that

V2X applications, such as the ones Derq is developing, can help reduce 80% of non-impaired collisions.

To learn more, please visit: www.derq.com

EcoG to bring the API to several charging applications

EcoG is the first cloud-based platform to enable shared revenue streams and value added services in fast charging. The company provides the monetization API for Electric Vehicle (EV) charging with its Internet of Things (IoT) Operating System (OS) and API-Layer connecting the infrastructure, the vehicle and the user. With EcoG, the integration of e-mobility in the business process of the infrastructure (Site-Owner), operation (Charge point Operator) or the utilization by retail, fleets and utilities is as easy as making a website. EcoG brings the app economy to public infrastructure and turns the time to charge into extra revenue with a concept similar to a services/application marketplace.

EcoG is a start-up company based in Munich, Germany. It has been going through the Techstars Mobility accelerator program in Detroit in 2017 and is backed by Techstars and next47. EcoG is working with Siemens on bringing the EcoG API to several charging applications. Current projects are in mining, integration with energy management and building management solutions.

Mobility operators worldwide are currently looking for ways to integrate bus and truck charging with their business processes, especially with the fleet management. EcoG can be the missing piece to solve this challenge. With their API and the EcoG SW Stack running on the charger, this integration can be solved by relying on standard web technologies.

To learn more, please visit: https://www.ecog.io/

Geospin to help you exploit your digital resources

Global digitization is expressed in almost all areas concerning smart cities and smart mobility. Mobility service providers, companies and cities in general have to deal with changing customer needs, emerging technologies and legal requirements. The continuous digitization in recent years has also led to a flood of data. This data holds untapped potential to improve decisions on a thorough, data-driven basis.

However, a reliable understanding and prediction of customer needs cannot be generated exclusively with internal data. Moving forward, business decisions will increasingly require dynamic and finely-grained geographical big-data-analysis. By smartly merging and analyzing company data (e.g. customer data, motion profiles, customer behavior, revenue

data) with external geospatial data (e.g. points of interest, weather, traffic, social media and demographics), Geospin understands consumers and their needs. Moreover, this holistic approach accounts for the complex and multilayered nature of human behaviour, incorporating various determinants affecting service choice. This enables Geospin to identify the perfect time and location for service offerings.

Geospin is a spin-off of the University of Freiburg, Germany. It is using state-of-the-art technologies including Deep Learning, Neural Networks and Predictive Analytics, to provide detailed answers to the spatial challenges that companies face. Through these analyses, customers are able to measure and compare the effect of strategic decisions. Time and cost-intensive trial and error processes are finally a thing of the past. Geospin´s analysis methods prove useful to many industries. Whether in the mobility sector, logistics, construction, the automotive industry, mobile communications or branch network planning - Geospin helps you to exploit your digital resources.

To learn more, please visit: https://www.geospin.de/en

HaCon to present smart systems for intermodal travel

HaCon provides cutting-edge software solutions for public transportation, mobility and logistics. Its three business units, HAFAS, TPS and Consulting, deliver more than 300 highly qualified specialists and more than 30 years of experience. Since 2017, HaCon has been a member of the Siemens family.

From trip planning to mobile ticketing and fleet management; The HAFAS product suite covers all aspects of Intelligent Transportation Systems (ITS) and creates the ultimate end user experience. Each day their apps and web-based solutions receive over 100 million requests from passengers who rely on HAFAS to empower their mobility choices; this is why their software is considered the highest industry standard for trip planning throughout the world and prompted the Massachusetts Institute of Technology (MIT) to honor HaCon as one of the “50 Smartest Companies” worldwide.

HaCon’s TPS solutions for train planning and capacity management enable network providers and operators to make the most of their infrastructure. For more specialized projects, the consulting team empowers their clients to manage complexity with ease and offers customer-specific solutions for rail freight and combined transport.
Headquartered in Hannover, Germany, HaCon also holds offices in Berlin, Paris and London.

To learn more, please visit: www.HaCon.de.

ThinxNet is striving to make the Internet of Things happen

ThinxNet is a fast-growing startup, based in Munich. Their vision is to create the world's largest user-driven connected car platform, putting the customer in the focus of their services. Their goal is to connect cars fast and easy to the internet and guarantee excellent services with an OBDII device and smartpohne app. Not only the location of the car, trips, car statistics and car information are available on the mobile phone and can be exported at any time (e.g. for tax return), the application is also automatically warning in case of an accident, low battery level or in case of theft. Furthermore the app provides the possibility to share trips with friends and family. Regarding parking and efficient traffic solutions for smart cities, they are working on the big potential to optimize roads and bring them closer towards a connected future.

Their strategy is to combine various benefits for customers through a platform approach. They are connected to different industries like: insurers, OEMs, repair shops, leasing companies, energy provider, automotive clubs etc. Each sector is adding services to their platform making the user benefit from all of them. ThinxNet is crafting the future of mobility in new, exciting ways improving the driving experience through intelligent, connected solutions. Big Data Analytics and an innovative business model help them to achieve their goal and make their vision real. The team, consisting of people from all over the world, led by an experienced management team (founders of AutoScout and Aloqa) is pursuing the same goal: We do not only believe in the future of smart technology - we want to create it.

To learn more, please visit: https://www.thinxnet.com/

To learn more, stop by the Siemens booth 308, Hall 12, at Intertraffic 2018, Amsterdam, on March 20-23!