



Press Release

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IoT sensor solution from H & D Wireless selected by Scania for monitoring factory lifting equipment

Nasdaq First North Growth Market listed H & D Wireless AB, has entered into a 12-month agreement with Scania for IoT services. Since June 2017, H & D Wireless has pilot installations at Scania Smart Factory, where new systems for factory digitization are evaluated. Now the collaboration advances into a new phase where H & D Wireless will deliver Raven IoT Sensor BOX827 solution as a product with associated NB-IoT cellular service to Scania's factory in Södertälje.

Scania has thousands of material handling equipment in the entire factory area. With Raven IoT sensor BOX827 from H & D Wireless, Scania can now measure the real use per each lifting machine. This allows the service organization to greatly reduce costs, as they only need to inspect machines that have reached the appropriate threshold of operating hours before carrying out maintenance service. The lifting gear usage is monitored and presented with the help of Griffin Visualizer. The deployment of BOX827 is enormously facilitated by use of the new NB-IoT cellular standard, which does not require any additional installation of infrastructure at Scania factory for communication with the IoT sensor. The length of current contract is 12 months with the possibility of annual extension thereafter. Starting with an initial order under 50KSEK for the first batch of sensors the number is expected to increase gradually over time.

"H & D Wireless is a strategic partner for Scania Smart Factory. Raven IoT Sensor BOX827 gives us better control of how we use our material lifting equipment. The main benefit is that we are able to plan maintenance only when needed and be more efficient. We can do it in a simple way without having to invest in any additional on-site infrastructure." says Lars Hanson of Scania Smart Factory Lab.

"We are in an exciting phase of our collaboration with Scania Smart Factory Lab, where Raven IoT sensor will be installed in both Lab and Factory for concept tests." says Pär Bergsten, CEO and founder of H & D Wireless.

Raven IoT sensor BOX827 is a solution that can be easily applied to machines or tools for monitoring their health, uptime, interval to next service with cloud analysis for predictive maintenance. The sensor requires no local infrastructure installation such as WiFi or BT because it uses the new IoT M2M cellular standard LTE-M and NB-IoT being provided by mobile operators like Telia and Telenor. It is offered together with Griffin® IoT Cloud for remote sensing applications or GEPS® which additionally provides location or positioning information (e.g. machines or tools on construction sites). Alternatively Raven IoT sensor BOX827 can be linked to another standard cloud solution that the customer selects, for example Microsoft Azure, Amazon Web Services or Google Cloud.

To find out more about Raven IoT sensor BOX827, please contact sales@hd-wireless.se

This news is information that H & D Wireless AB is obliged to disclose in accordance with EU Market abuse regulations. The information was provided by the contact person below for publication 08:00 CET on 7 October 2019.

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About H & D Wireless:

H & D Wireless is a Swedish provider of technology and services in the domain of Internet of Things (IoT) and Real-Time Location Services (RTLS + GPS) with the Griffin® cloud platforms and GEPS®. Founded in 2009, H & D Wireless has delivered over 1 million wireless products to date for IoT and M2M solutions worldwide. The company develops and delivers solutions that digitize and visualize physical processes and identifies, among other things, the handling of materials, tools and machines with its proprietary solution, GEPS® (Griffin Enterprise Positioning Service). Since mid-year 2019, MVV Holding is also included with its MES system CASAT in the group. CASAT's customers include Volvo Penta and Parker. H & D Wireless shares are listed since December 2017 on Nasdaq First North Growth Market in Stockholm with Aqurat fondkommission AB as Certified Adviser. E-mail: Info@aqurat.se Tel No: + 46 (0) 8-684 05 800 web address: www.aqurat.se

About Scania:

Scania is a world-leading provider of transport solutions. Together with our partners and customers we are driving the shift towards a sustainable transport system. In 2018, we delivered 88,000 trucks, 8,500 buses as well as 12,800 industrial and marine engines to our customers. Net sales totaled to over SEK 137 billion, of which about 20 percent were services-related. Founded in 1891, Scania now operates in more than 100 countries and employs some 52,000 people. Research and development are concentrated in Sweden, with branches in Brazil and India. Production takes place in Europe, Latin America and Asia, with regional production centres in Africa, Asia and Eurasia. Scania is part of TRATON SE. For more information visit: www.scania.com.