Kapsch BusinessCom

Press release

New IoT services provider based on LoRaWAN™ established.

ORF subsidiary ORS comm, Kapsch BusinessCom, and Microtronics have founded the SENS joint venture for IoT digitalization solutions and services based on the LoRaWAN™ wireless standard.

Vienna, February 15, 2018 – SENS stands for Sensor Network Services and offers services, applications, and solutions for IoT (Internet of Things) digitalization projects and IoT organizations in Austria. The services are based on the LoRaWAN™ wireless standard. LoRa® technology has been specially developed to meet the demands of the Internet of Things, and offers unique advantages such as exceptionally low power consumption, high range, good building penetration, minimal bandwidth, and bidirectional communication. A LoRa® sensor can operate for up to ten years without maintenance, as well as working in special application areas such as concrete buildings. As a result, the LoRa® technology opens up a broad ecosystem of potential applications and fields of use related to the IoT in a wide variety of industries.

The new IoT SENS joint venture develops private and cooperative wireless networks, as well as offering networks as a service. Equipment and sensors can be efficiently and cost-effectively integrated via the standardized LoRaWAN™ 1.02 interface. The data is available on the IoT platform also provided by SENS, and can be directly integrated into the customer's business logic via the API interface. SENS solutions and services allow processes to be quickly and efficiently digitalized, thereby strengthening the competitiveness of Austrian companies.

There has been comprehensive LoRaWAN™ testing and setting up in the Austrian cities of Vienna, Linz, and Graz over the past months. The first pilot projects with well-known companies, including the ÖBB Business Competence Center GmbH for a sensor-wireless solution for railroad switching, the Salzburg AG for an IoT solution for water meters, as well as a customer satisfaction survey of City of Graz services via LoRa® on behalf of the GBG Gebäude- und Baumanagement Graz GmbH and its partners Holding Graz, ITG, City of Graz, and Citycom, are currently being implemented.

Value creation in Austria

Cooperation between the three companies Kapsch, Microtronics, and ORS comm creates a single source for digital services with purely Austrian value creation. This ensures that the data never leaves Austria at any time during data processing.

By developing new products, implementing new technologies, and its concomitant increase in productivity, digitalization offers companies the opportunity to set new standards and launch completely new business models. With its energy-efficient and cost-effective LoRa® network technology, SENS will function as a catalyst for digital progress in Austria.

Additional information: www.sens.at

Microtronics is a provider of complete solutions for IoT, M2M, and Industry 4.0 projects. The solutions include hardware, software, and services from a single source at internationally standardized service rates. Microtronics has been the company of choice in device integration since 2006. Solutions from Microtronics are in use in more than 60 countries across the globe. Customers benefit from rapid realization, from idea to first proof of concept in only three weeks. For additional information: www.microtronics.com

The **ORS Group** is composed of the Österreichische Rundfunksender GmbH & Co KG (ORS) and its subsidiary ORS comm GmbH & Co KG (ORS comm). ORS was founded in early 2005, originating from ORF's broadcast engineering. In recent years, the ORS Group has evolved from a transmitter network operator into a digital content gateway and, as a reliable partner, guarantees perfect content transport via cable, IP, satellite, and antenna. For additional information: www.ors.at

Kapsch BusinessCom, a Kapsch Group company, supports companies in taking their business performance to the next level and developing new business models. As a leading partner in digitalization, the company operates as a consultant, system supplier, and service provider. Kapsch BusinessCom is the ideal partner for keeping abreast of rapidly evolving digital technologies thanks to its widespread expertise in handling large quantities of data and matters of security, in addition to the valuable experience gained from successful implementation of a variety of use cases across numerous industries. The company's comprehensive portfolio in Austria, Romania and the DACH region includes technology solutions for intelligent and – most importantly – secure ICT infrastructure along with smart building technology, media and security technology, and outsourcing services. Kapsch pursues a strategy of manufacturer independence, cooperates with leading global providers such as HPE, Cisco, and Microsoft, and participates in a wide network of research partners and industry-specific solution providers ranging from startups to major corporations.

Kapsch BusinessCom services more than 17,000 customers both locally and globally, including Allianz, Erste Bank, ÖBB, OMV, ORF, and Vodafone. In the fiscal year 2016/2017, Kapsch BusinessCom generated revenue of approximately EUR 320 million with its 1,200 employees.

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