

PRESS RELEASE

Device Insight and grandcentrix Launch Partnership for Fast and Scalable IoT Solutions from a Single Source

- + Collaboration offers customers end-to-end IoT expertise
- + Focus: Low-cost narrowband IoT solutions
- + First joint customer projects: Implementation of a NB-IoT solution for Stieglmeyer

Munich / Cologne – July 29, 2021 – Munich-based IoT specialist Device Insight and Vodafone subsidiary grandcentrix are combining their expertise to support enterprises with a holistic technology approach that accelerates the design and development of scalable IoT solutions. One of the partnership’s focus is the implementation and productization of Narrowband IoT solutions. This new mobile communications standard will make the benefits of the Internet of Things accessible to application areas for which the use of IoT was previously unfeasible or unprofitable.

IoT projects can still be a complex and time-consuming undertaking for companies, difficult to manage with on-board resources. As a result, most companies rely on cooperation with external specialists. This often means that multiple partners must be coordinated to ensure that design and implementation, hardware and software, connectivity, devices, and infrastructure can be seamlessly integrated throughout the development process.

This is where Device Insight and grandcentrix come in and combine their IoT know-how, providing holistic end-to-end support for companies: Their goal is to support customers from the conception to the roll-out and operation of an IoT solution across all development steps and in all technological matters.

Bundled know-how for IoT solutions from a single source

As part of the partnership, Device Insight brings its years of experience in developing complex IoT and IIoT solutions. The Munich-based IoT pioneer relies on a flexible framework combining prefabricated IoT building blocks, system integration based on common cloud providers and software development to create flexible and sustainably scalable IoT solutions. grandcentrix, a wholly owned subsidiary of Vodafone since 2020, provides its expertise in designing custom-fit hardware and connectivity solutions as well as in the field of app development.

According to Marten Schirge, CEO of Device Insight: “With grandcentrix we have found a partner that perfectly complements our technological core competence and brings the same agile mindset to the development of IoT solutions. By combining our strengths, we enable our customers to implement their IoT projects quickly and seamlessly.”

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Narrowband IoT opens up brand new areas of application for the Internet of Things

One focus of the collaboration is the implementation of Narrowband IoT (NB-IoT) projects. Already widespread throughout Asia and the USA, this new mobile communications standard is now making its way into Europe. In contrast to the much-discussed 5G, this technology relies on low bandwidths and low data volumes, thus reducing energy consumption and operating costs to a minimum. At the same time, NB-IoT offers particularly good building penetration, making it possible to be used inside buildings without having to rely on the existing network infrastructure.

As a result, NB-IoT offers ideal characteristics for the implementation of IoT applications that do not require high data rates and at the same time work with large quantities. These include, for example, smart metering, i.e., IoT-enabled electricity or water meters, as well as the smart city sector (waste management, street lighting) or the management of building infrastructure. NB-IoT opens completely new technological possibilities for a wide range of applications in which the Internet of Things was previously either technically unfeasible or unprofitable.

Stieglmeyer: Narrowband IoT solution for hospital and care beds

Device Insight and grandcentrix are already working on their first joint customer projects. This includes the implementation of an NB-IoT solution for the Herford-based company Stieglmeyer, a leading global manufacturer of hospital and care beds. The solution is designed to facilitate patient care and improve comfort without having to rely on hospital and nursing home infrastructure.

“The combination of our NB-IoT offering with Device Insight's ready-to-use IoT building blocks makes it possible to realize IoT applications that previously failed due to economic considerations,” explains Christian Pereira, Managing Director at grandcentrix. “Our vision is to enable companies to not only get started quickly and cost-effectively with a combined hardware and software solution based on plug-and-play principles, but also to operate networked devices worldwide.”

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Image caption: Marten Schirge, Device Insight CEO (left) and Christian Pereira, grandcentrix CEO, are looking to offer companies a plug-and-play solution for narrowband IoT.

About Device Insight:

Founded in 2003 in Munich, Device Insight GmbH is an IoT specialist, accompanying companies in their digitization in the fields of Internet of Things, Industry 4.0 and artificial intelligence. Based on a flexible IoT framework, Device Insight combines ready-to-use IoT building blocks and individual applications for customized IoT services. System integration based on common cloud providers and software development are combined to create tailored solutions that are both fast and scalable. Device Insight supports global networking of machines, vehicles, plants, and devices and provides applications in the fields of data acquisition, condition monitoring, predictive maintenance, machine learning, industrial analytics and AIoT (Artificial Intelligence of Things). Device Insight is active in more than 15 countries, working together with large enterprises and mid-size customers from various sectors, including machinery and plant engineering, HVAC, commercial vehicles, vending, transport, energy as well as the Connected Home environment. Services range from business case analysis and implementation to secure IT operations. The company has been awarded "Internet of Things (I4.0) Leader Germany" on numerous occasions by the ISG Provider Lens study. Since 2019, Device Insight has been a subsidiary of automation specialist KUKA AG.

About grandcentrix:

grandcentrix is a system integrator for Internet of Things (IoT), Industrial Internet of Things ("Industry 4.0"), Smart Home, Smart Products, and mobile apps. As a 100% subsidiary of Vodafone Germany, grandcentrix mission is to make IoT affordable and accessible. With over 200 specialized employees, grandcentrix offers a complete range of services from electronics and embedded development, manufacturing of IoT products, connectivity, security and analytics from a single source and is responsible for the successful end-to-end implementation of networked digital products for customers from German-speaking SMEs.

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