

NEVONEX GmbH

NEVONEX market launch: now available in German-speaking regions

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Digitalization fully under control with one installation

- ▶ Complete solution for agricultural machines and Digital Services regardless of manufacturer
- ▶ Retrofit NEVONEX Box quickly and easily, even on existing agricultural machines
- ▶ First Digital Services now available on NEVONEX

Stuttgart – With the NEVONEX digital platform initiated by Bosch, farmers and contractors can now use the enormous potential of digital agriculture with ease. Under the premise "Digitalization fully under control with one installation," the NEVONEX platform and software were developed and the necessary hardware was launched on the market together with NEVONEX partners. The NEVONEX Box required for using the mentioned digital platform can now be installed on tractors and self-driving vehicles. With the box, farmers can use Digital Services in real time from any manufacturer to control the various implements and also automatically document the corresponding work data to be used in digital farm management systems, for instance. "The first Digital Services are now available, and with the MyNEVONEX portal and NEVONEX Cockpit app, the user interfaces are also online. We are delighted that this marks the official launch of the first open digitalization platform for agriculture on the market and unites Digital Services from different providers with full compatibility, no matter which manufacturer is involved," says Dr. Micha Muenzenmay, managing director and chief technology officer (CTO) of NEVONEX GmbH.

First Digital Services available – more to follow in summer

In recent weeks, the first three Digital Services running on the NEVONEX system were launched: the geoNEX app from geo-konzept for controlling implements via application maps, the StG target pressure specification for tire pressure control systems, and the MyEasyFarm fleet management system. Further Digital Services are planned for the summer, such as the Agrarmonitor software for contractors and crop farms, the RAUCH HillControl system for optimizing fertilizer distribution on slopes, xarvio FIELD MANAGER, and a connection to the Agrirouter network. Farmers and contractors can purchase the Digital Services from suppliers and retailers and use them directly in NEVONEX. The NEVONEX Box can be purchased and installed by installation partners, such as agricultural machinery dealers.

Easy retrofit, modularly expandable for future technologies.

For farmers and contractors, it is especially important that the NEVONEX Box can also be retrofit to existing tractors, implements, and harvesters. In addition, the NEVONEX system itself ensures that "one-sided" updates of individual partners in the system are compatible, so that the services used are always fully functional. In addition, the architecture of NEVONEX was designed in such a way that the ecosystem can also integrate approaches that reach far into the future. Farmers are thus provided with a future-proof concept that gives them all the possibilities according to the current state of the art, while leaving them the freedom to go their own way in the direction of "smart and digital farming".

Direct transfer of application maps as a practical example. With NEVONEX, application maps can be transferred directly from the desk to the NEVONEX Box on the tractor and the recorded data can be transferred back to the documentation system. This eliminates the need for manual transfer via USB sticks, which are often still used here.

More exact work, seamless documentation, higher efficiency in operations management. This opens up a technically reliable way for operators to use the very latest smart farming services, even for machines already on the farm, regardless of the brand. Farmers and contractors can therefore use the full benefits of technological advancements. By working more efficiently, applying operating resources more precisely, and maintaining seamless documentation to thereby make better decisions, agricultural businesses can achieve significantly greater efficiency in their operations and increase their profitability. This is just one of the reasons why the NEVONEX system was already awarded a silver medal at the Agritechnica 2019 trade fair.

NEVONEX operating unit detached from Robert Bosch GmbH

On January 1, 2022, the former NEVONEX operating unit was detached from Robert Bosch GmbH and is now an independent German limited liability company that can act quickly and flexibly on the market. The board of management appears as a trio: Dr. Micha Muenzenmay has already been accompanying NEVONEX since the start of the project in 2018 and was significantly involved in setting up and developing the product. As chief technology officer (CTO), he continues to be responsible for the development of NEVONEX. Sven Grochocki has been part of the NEVONEX team since June 2021 and has been responsible as chief financial officer (CFO) for the company finances since January. Dr. Paul Schulze-Cleven has been supporting the NEVONEX team since November 2021 and is responsible as chief marketing officer (CMO) for marketing and communication.

Press photo: #283b26fc, #33f1e3fa, #b48c7c6a, #6d151d86

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About NEVONEX

The benefit for operators is that NEVONEX powered by Bosch is an open, neutral ecosystem for smart, digital agriculture. The ecosystem approach makes new and already existing agricultural machinery on a farm become intelligent with the help of a NEVONEX-capable electronic control box – the NEVONEX Box. The bundled expertise can be used directly on the machine in the form of Digital Services. This makes the work processes of farmers and contractors simpler and more efficient overall. Thanks to the reliable, end-to-end implementation of Digital Services through all the work steps, farmers benefit from optimized operating processes, a reduced use of seeds, fertilizer, and crop protection materials while at the same time protecting the environment, and ultimately being able to achieve a higher operating yield.

The benefit for the agricultural industry is that NEVONEX offers players in the agricultural industry a robust, securely managed system (framework) and an end-to-end infrastructure as a standardized technical platform for digital applications on tractors, implements, and self-driving vehicles. With NEVONEX, industry partners such as agricultural machinery manufacturers and equipment suppliers, as well as providers of farm management or fleet management systems, are able to develop, apply, and market integrated Digital Services to improve agronomic processes quickly, easily, and directly.

For more information see www.nevonex.com

Mobility Solutions is the largest Bosch Group business sector. It generated sales of 45.3 billion euros in 2021, and thus contributed 58 percent of total sales from operations. This makes the Bosch Group one of the leading automotive suppliers. The Mobility Solutions business sector pursues a vision of mobility that is safe, sustainable, and exciting, and combines the group's expertise in the domains of personalization, automation, electrification, and connectivity. For its customers, the outcome is integrated mobility solutions. The business sector's main areas of activity are injection technology and powertrain peripherals for internal-combustion engines, diverse solutions for powertrain electrification, vehicle safety systems, driver-assistance and automated functions, technology for user-friendly infotainment as well as vehicle-to-vehicle and vehicle-to-infrastructure communication, repair-shop concepts, and technology and services for the automotive aftermarket. Bosch is synonymous with important automotive innovations, such as electronic engine management, the ESP anti-skid system, and common-rail diesel technology.

The Bosch Group is a leading global supplier of technology and services. It employs roughly 402,600 associates worldwide (as of December 31, 2021). The company generated sales of 78.7 billion euros in 2021. Its operations are divided into four business sectors: Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology. As a leading IoT provider, Bosch offers innovative solutions for smart homes, Industry 4.0, and connected mobility. Bosch is pursuing a vision of mobility that is sustainable, safe, and exciting. It uses its expertise in sensor technology, software, and services, as well as its own IoT cloud, to offer its customers connected, cross-domain solutions from a single source. The Bosch Group's strategic objective is to facilitate connected living with products and solutions that either contain artificial intelligence (AI) or have been developed or manufactured with its help. Bosch improves quality of life worldwide with products and services that are innovative and spark enthusiasm. In short, Bosch creates technology that is "Invented for life." The Bosch Group comprises Robert Bosch GmbH and its roughly 440 subsidiary and regional companies in some 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. With its more than 400 locations worldwide, the Bosch Group has been carbon neutral since the first quarter of 2020. The basis for the company's future growth is its innovative strength. At 128 locations across the globe, Bosch employs some 76,100 associates in research and development, of which more than 38,000 are software engineers.

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