



Press Release

ubirch develops blockchain-based Industry 4.0 solutions at the RWTH Aachen Campus

Cologne, September 12, 2018. ubirch has sealed its membership in the Center Connected Industry on the RWTH Aachen Campus with a matriculation. As an official member of the network of industry users and suppliers as well as researchers from the fields of mechanical engineering, information and production management, the Cologne-based start-up is testing the use of blockchain-based data signature in the production process.

ubirch is sharing resources with the research institutes of the RWTH Aachen Campus and can discuss the requirements of its solutions with industry partners on site. The start-up is currently developing a joint solution with the Center Connected Industry, as well as with a sensor manufacturer and a mobile communications supplier, to enable production sites to communicate with each other not only securely but also wirelessly.

"The RWTH Aachen Campus offers an excellent infrastructure for start-ups like us to develop hands-on new business models for Industry 4.0. Not only do we have access to manufacturing machines, but we can also exchange ideas directly with well-known companies from the industry and technology sector putting into action specific projects for secure machine communication much faster and more efficiently," explains Stephan Noller, CEO of ubirch.

"The Center Connected Industry aims to directly transfer the new technologies and opportunities of the Internet of Things into productive benefits through early evaluation and testing. From our point of view, blockchain technology will cause one of the biggest changes in industrial production in the coming years. The partnership with ubirch as a solution provider for the blockchain-based protection of IoT data is therefore an important step for us on the path to establishing the digitally networked companies of the future," explains Christian Maasem, director of the Center Connected Industry in the Smart Logistics cluster at the RWTH Aachen Campus.

ubirch GmbH

ubirch is a specialist in blockchain-based IoT technology with locations in Cologne and Berlin. The team consists of experienced specialists in the areas of cryptography, blockchain and data-driven business models. With its product, "The Blockchain for Things," consisting of an extremely lightweight client for sensor firmware and a corresponding cloud backend, the start-up enables new business models for the Internet of Things. Innovative cryptography and blockchain technologies are used to make IoT data trustworthy. ubirch focuses on customers from the finance & insurance, automotive, production & logistics/Industry 4.0 and energy/utility sectors.

Center Connected Industry

The Center Connected Industry in the Smart Logistics cluster provides a platform for industrial companies, research, software and service providers that targets the prototypical evaluation of new and existing IoT technologies for purposeful, technology-supported information provision. New technologies and possibilities of the Internet of Things are to be transferred into productive use through early assessment and testing. Under the guiding principle "Next Level Information Logistics," the center bundles the available expert knowledge in fields relevant for the realization of networked digitization and coordinates the cooperation between the participating industrial users, technology and solution providers as well as relevant research centers of RWTH Aachen University. For more information: <http://connectedindustry.net>

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