

## Press release

Ellwangen, November 13, 2020

### VARTA supplies energy for the Internet of Medical Things (IoMT)



Application of an H2 cell from VARTA in a smart pill.

**At the Virtual Compamed 2020, which takes place from 16<sup>th</sup> to 19<sup>th</sup> November, the technology company from Ellwangen (Germany) will present its broad product portfolio of microbatteries for intelligent applications in the medical sector. One of the highlights is the Hydrogen Gas Generating cell (H2 cell), which is used, among other applications, for so-called Smart Pills.**

The hydrogen generator cell from VARTA's product portfolio makes innovative and mobile dosing devices such as Smart Pills possible: A capsule which can be swallowed provides diagnostic information and can administer a dosed medication at an exact place. The principle of an H2 cell is based on the build-up of gas pressure, which triggers the release of substances through displacement.

In addition to the H2 cell, VARTA, with the latest CoinPower® series, offers a high-performance lithium-ion cell for various technologically intelligent applications such as insulin pumps or smart monitoring systems, for example for infants, seniors or athletes. VARTA also provides optimal energy for products of the Internet of Medical Things with its proven and powerful lithium primary and silver oxide button cells. The Ellwangen-based company is thus making an important contribution to the further development of medical devices which, thanks to their small size, help to improve the quality of life, safety and comfort for the users.

„Our microbatteries work with the latest technology that is available on the market and thus enable many smart and vital applications and devices of the Internet of Medical Things. The medical sector will make a quantum leap in the coming years, which we would like to advance further and faster with our products“, Philipp Miehlich, General Manager OEM VARTA Microbattery, says.

You will find a variety of applications in the [Medical-Clip](#).

At the Virtual Compamed, Johannes Durschang, Key Account Manager at VARTA Microbattery will speak in an online session on Wednesday, November 18, 2020 at 10:00 am focussing on the topic of "Technologies To Enable Smart Medicals". The participation in the online event is free. The registration can be done using the following [link](#).

Further information about VARTA's products and their various applications can be found in the [virtual booth](#).

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#### **About VARTA AG**

VARTA AG produces and markets a comprehensive battery portfolio, ranging from microbatteries, household batteries, energy storage systems to customer-specific battery solutions for a wide range of applications, and, as a technology leader, sets industry standards in key areas. As the parent company of the Group, it operates in the business segments "Microbatteries & Solutions" and "Household Batteries".

The "Microbatteries & Solutions" segment focuses on the OEM business for microbatteries as well as on the lithium-ion battery pack business. Through intensive research and development, VARTA sets global standards in the microbattery sector and is a recognized innovation leader in the important growth markets of lithium-ion technology and primary hearing aid batteries. The "Household Batteries" segment comprises the battery business for end customers, including household batteries, rechargeable batteries, chargers, portable power (power banks) and lights as well as energy storage devices. The VARTA AG Group currently employs almost 4,000 people. With five production and manufacturing facilities in Europe and Asia, and distribution centers in Asia, Europe and the USA, VARTA AG's operating subsidiaries are currently active in over 75 countries worldwide.