

Press Release

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GLOBAL PARTNERSHIP FOR TELEHEALTH SOLUTION DEVELOPED BY AIT

Global launch: AIT, Telbiomed and Siemens Healthineers

The AIT Austrian Institute of Technology and the AIT-Spinoff Telbiomed have won Siemens Healthineers as an international cooperation, sales and development partner. Based on the AIT Telehealth Platform, a new flexible telemedicine solution will be further developed and internationalised.

The AIT Telehealth Platform will bring the care of patients with chronic diseases into the age of digitalisation. This telehealth solution is already in routine use as HerzMobil in Tyrol and Styria for patients with chronic heart failure. Healthcare providers can plan their own telehealth programmes and flexibly adapt the underlying technology to their needs. "Together with Telbiomed, we have succeeded in bringing AIT technology into care in Tyrol and Styria. With Siemens Healthineers, we were able to gain a globally recognised partner in the healthcare sector to further internationalise the AIT technology," explains Prof. Dr. Elke Guenther, Head of Center for Health & Bioresources at the AIT Austrian Institute of Technology.

The telehealth solution helps patients to easily record their health data and medical staff to quickly and efficiently care for the patients assigned to them. Deteriorations in the patient's health are quickly identified and the attending physicians can thus decide on further treatment without delay.

USE FOR COVID-19

For the current use case of the COVID-19 pandemic, the AIT Telehealth Platform was adapted to facilitate the care of individuals with unclear COVID-19 status for health authorities and medical professionals. These individuals record body temperature, oxygen saturation and COVID-19-specific symptoms on a daily basis. This allows caregivers to easily monitor progress remotely and quickly initiate medical interventions if health deteriorates. Currently, the use of the system is being prepared in Tyrol and, together with Telbiomed and Siemens Healthineers, this application is already in use internationally. For example, Bendigo Health (Victoria region north of Melbourne) in Australia uses telemonitoring for patients with suspected COVID-19. According to Prof. Dr. Marc Budge, Geriatrician and Clinical Director of Integrated Care Services at Bendigo Health, the innovative telemonitoring solution enables the hospital to provide the best possible medical care to patients. The innovative telemonitoring solution enables the hospital to provide patients with the best possible medical care and advice, while making efficient use of medical resources.

As part of the cooperation with Siemens Healthineers, the COVID-19 telemonitoring system is also used at the University Hospital in Mannheim, but in a completely different way: there, the medical staff is supervised with the system in order to be able to react as quickly as possible to infections or suspected cases. As a "Corona diary", according to the rules of the Robert Koch Institute, the medical staff records their state of health daily, and thus the supervising company doctors get a

quick overview. "Whereas we used to get stacks of paper in the form of diaries, everything is now available in an organised way in a software," explains company doctor Dr Margit Eisenbarth. "The employees can conveniently enter their data via a website. This saves us valuable time and we have an immediate overview."

AIT builds on years of experience in the development of telehealth solutions. Telehealth projects have been successfully implemented together with long-standing partners such as the province of Tyrol, the province of Styria or the VAEB. One showcase project is HerzMobil Tirol, which demonstrates the benefits - optimised therapy options and lower hospitalisation rates.

The partnership between AIT, Telbiomed and Siemens Healthineers shows once again that innovations developed and tested in Austria are not only used domestically but also internationally.

AIT Austrian Institute of Technology GmbH

AIT Austrian Institute of Technology GmbH is Austria's largest non-university research institution and a specialist in the key infrastructure issues of the future. AIT is a pioneer and trailblazer in research and care for digital healthcare in Austria with 19 years of expertise in telemonitoring and therapy management and over 1.5 million telemonitoring days of experience. The AIT has developed and tested eHealth and mHealth technologies to support disease management programmes and integrated care models in national and international research projects.

Further information about the centre: <https://www.ait.ac.at/>

Partner site of Telbiomed: <https://www.telbiomed.at/>

Partner page of Siemens Healthineers: <https://www.siemens-healthineers.com/at/>

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