

What does 6G mean for medical technology?

VDE at the MedtecLIVE 2024

- **Many hospitals and medical practices are currently struggling with immature digitalization, even though networked working saves time and improves quality**
- **At MedtecLIVE 2024, the VDE will be demonstrating the new possibilities that 6G can open up for the healthcare of the future**
- **Dr. Cord Schlötelburg, Head of VDE Health: "We are still a long way from comprehensive networking. But what is missing today must not slow down the vision."**

(Frankfurt a. M., 04.06.2024) Around 400 exhibitors from the fields of processes, mechanical engineering, medical technology and materials and around 50 speakers on trend topics such as automation, digitalization and the circular economy: MedtecLIVE 2024, the European trade fair for medical technology, will offer visitors extensive opportunities for professional exchange from 18 to 20 June in Stuttgart. In its session, the VDE will address the question of how the step from 5G to 6G will proceed and what benefits networked medical technology will bring for doctors and patients. Dr. Cord Schlötelburg, Head of VDE Health, explains: "We are struggling with a shortage of skilled workers – a trend that will intensify in the future. It is therefore all the more important not to lose touch technologically and to take advantage of new opportunities."

From the medical app to the networked operating theater

In the 6G Health project of the Federal Ministry of Education and Research, the VDE is working with 18 partners to demonstrate what can be achieved with an increase in speed, capacity and reliability in 6G. The focus is on various use cases: Comprehensive patient monitoring in real time, for example, can ensure that doctors can intervene more quickly in an emergency. Augmented reality can be used to bundle skills regardless of location so that virtually networked teams can perform complex procedures together in the operating theater. In hospitals,

networked medical devices offer the potential to simplify logistics and control and thus reduce the workload of staff. "The level of digitalization in hospitals currently varies greatly. We are still a long way from comprehensive networking. But what is still lacking today must not slow down the vision of tomorrow," says Schlötelburg.

VDE event: From 5G to 6G? Networked medical technology for the healthcare of tomorrow

In the [VDE session at MedtecLIVE 2024](#), experts will discuss the following topics on June 18 from 11:45 a.m. to 12:45 p.m. in the Forum at Messe Stuttgart (Messeplazza 1, 70629 Stuttgart, Forum 1-331):

- From 5G to 6G technology: vision, technological possibilities and limits (Christoph Lips, DFKI)
- 6G Health: Networking and intelligent systems as the basis for innovative medical technology (Tobias Pabst, Leipzig University)
- How can medical devices and non-medical devices or components be networked in a compliant manner and as simply as possible? (Hans Wenner, VDE)
- Networked medical technology for the healthcare of tomorrow (discussion, moderated by Dr. Cord Schlötelburg)

MedtecLIVE 2024 welcomes visitors on June 18 and 19 from 9 a.m. to 5 p.m. and on June 20 from 9 a.m. to 4 p.m.

About VDE:

VDE, one of the largest technology organizations in Europe, has been regarded as a synonym for innovation and technological progress for more than 130 years. VDE is the only organization in the world that combines science, standardization, testing, certification, and application consulting under one umbrella. The VDE mark has been synonymous with the highest safety standards and consumer protection for more than 100 years.

Our passion is the advancement of technology, the next generation of engineers and technologists, and lifelong learning and career development "on the job". Within the VDE network more than 2,000 employees at over 60 locations worldwide, more than 100,000 honorary experts, and around 1,500 companies are dedicated to ensuring a future worth living: networked, digital, electrical. Shaping the e-dialistic future.

The VDE (VDE Association for Electrical, Electronic & Information Technologies) is headquartered in Frankfurt am Main. For more information, visit www.vde.com

Press contact: Jennifer Bounoua, Phone +49 151 14600477, presse@vde.com