

PRESS RELEASE

Telekom Healthcare Solutions

An integrative approach to file infrastructure and telemedicine

Connecting the healthcare industry still revolves too much around islands of care provision. For this reason, Deutsche Telekom is focusing on digitally integrated care provision at the DMEA 2019. Mark Düsener, Head of Telekom Healthcare Solutions, looks ahead to the DMEA and explains why telemedicine, telematics infrastructure, and hospital IT have to go hand in hand.

Digitalization has taken off in all areas of German society since the new federal government was formed in Germany – it will have been in office for one year when the DMEA takes place. What expectations are your hospital clients currently coming to you with?

One issue where interest is definitely growing, particularly in the hospital field, is [cloud computing](#), which is much more widespread in other countries. We're now beginning to see the first very successful implementations here in Germany, too. Deutsche Telekom is particularly in demand in this field because we're not just able to offer [iMedOne](#), a hospital information system, but we also provide the necessary cloud and security expertise. The second major area that is about to be rolled out in outpatient care departments – so it's also relevant to hospitals – is digital networking. The buzzword here is telematics infrastructure. Another important area for hospitals is exchanging digital case files with doctors in private practice. This is likewise an area that is increasingly related to telematics infrastructure.

Talking of cloud applications: what are the areas here that are of interest to hospital clients?

Hospitals will typically take their first steps towards the cloud in the area of administration. Internationally we're now seeing a clear trend towards central HIS installations, whether cloud-based in the stricter sense or operating out of a data center as a kind of private cloud. This is a trend we will see in Germany in the future, too. But in Germany it's important for us to establish a standardized framework if we want to advance digitalization in healthcare. We still have a very heterogeneous landscape of hospital legislation in the various federal

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states. The European General Data Protection Regulation won't initially do anything to change this situation. What's needed here is the political will to harmonize.

What solutions will Telekom Healthcare Solutions be particularly focusing on at the DMEA 2019?

Networking will be one of the key issues for us at the DMEA – from telematics infrastructure and telemedicine through to digitally supported integrated care provision. We'll also be providing a look ahead to the technological and strategic future of our HIS. Another focus area of our trade fair presentation will be mobile use of the HIS, based on our solution [iMedOne Mobile](#). In addition, we'll be demonstrating how telemedical services can be used to realize integrated care provision scenarios that are not digital island solutions but interact with service provider information systems.

Deutsche Telekom is heavily involved in the healthcare field beyond the world of hospitals, too. How is the establishment of the telematics infrastructure progressing? And what importance does your company attach to electronic patient files?

In terms of the telematics infrastructure we're in the middle of rolling out our [connector](#) in collaboration with partners from the practical IT environment such as medatixx. We've also started the more complex installation of hospital connectors. Here we're expecting a definite increase in the number of projects in 2019. By creating the telematics infrastructure, we're laying the foundations for secure data exchange. Once this is on track, we will definitely have to talk about content. The electronic patient file will be crucial here: telemedicine can't function without a file infrastructure. It's vital for us not to veer away from international standards but build on the work already being done by international bodies such as [HL7](#) and [IHE](#) – frequently with the active involvement of German experts.

To what extent can progress in the telematics infrastructure help advance telemedicine? And how important is data security here?

For years now, Deutsche Telekom has demonstrated that a secure communication infrastructure is capable of delivering telemedicine on a broad basis – not least in Eastern Saxony, where we have established a [platform](#) for integrated care provision aimed at patients suffering from cardiac insufficiency, stroke, and Parkinson's disease which makes use of telemedicine components. This platform now also offers [antibiotics consultation](#) via telemedicine. A shared view of patient data is required for these applications. The results also have to be transparently documented, so electronic files and a reliable communication structure

are essential. Maximum data security is equally crucial. The much-quoted firewall is one part of this but it's not sufficient on its own. A sustainable security concept is required that involves active management of security. At Deutsche Telekom we're in an excellent position to provide this. Telekom Security alone employs some 1,200 specialists who ensure the security of our networks and systems on a round-the-clock basis, as well as those of the big DAX companies, for instance.

Telekom Healthcare Solutions: <https://www.telekom-healthcare.com/>

About DMEA

DMEA is the successor to conhIT – Connecting Healthcare IT, and represents a strategic evolution of that concept. It aims to mirror the entire digital supply chain including every process along the way. Step by step DMEA will expand into a platform representing every digital field of interest to all players in the healthcare system, both now and in the future. DMEA targets decision-makers in every healthcare sector – hospital managers, IT heads, doctors, nurses, healthcare policymakers and experts in science and research. As an integrated event combining a trade fair, congress, academy and a wide range of interactive formats, it gives participants the opportunity to find out about the latest digital healthcare developments and products, establish industry contacts and acquire high-level qualifications.

DMEA is held by the German Association of Healthcare IT Vendors (bvitg) and organised by Messe Berlin. DMEA is organised in cooperation with the following industry associations: the German Association of Healthcare IT Vendors (bvitg), the German Association for Medical Informatics, Biometry and Epidemiology (GMDS), the German Medical Informatics Professional Association (BVMI). The National Association of Hospital IT Managers (KH-IT) and the Chief Information Officers of University Hospitals (CIO-UK) provide contributions on the subject matter. The three-day event takes place annually on the Berlin Exhibition Grounds.

More information on products, topics, events and industry trends can be found by visiting the health IT homepage of bvitg Service GmbH, a subsidiary of the German Association of Healthcare IT Vendors (bvitg).
www.health-it-portal.de

This press release can also be found on the internet: www.dmea.eu

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