



Siemens Healthineers Presents Solutions for the Digitalization in Healthcare



ConhIT 2017, Berlin, April 25th to 27th, 2017, Siemens Healthineers in hall 2.2, no. B 112

- New partners for the Siemens Healthineers Digital Ecosystem: Ebit Srl – Esaote Group and HeartFlow
- eHealth Solutions for networking in healthcare with new Patient Portal including Home Monitoring
- PEPconnect for individual learning experience with over 7,000 learning activities, in up to seven languages
- LifeNet 2.0 eService portal for even faster overview with fleet management

Under the motto „More Networking. More Digitalization. More Value” Siemens Healthineers, the separately managed healthcare business of Siemens AG, is presenting its solutions for the digitalization of healthcare at the conhIT (Connecting Healthcare IT) 2017 trade fair. In this context Siemens Healthineers will showcase in Europe for the first time its new digital platform for healthcare providers as well as for providers of solutions and services, aimed at covering the entire spectrum of healthcare. Furthermore Siemens Healthineers is showing new developments with its eHealth Solutions as well as with PEPconnect, a platform for online learning. Additionally the company presents the new version of its eService portal LifeNet, the customer portal for efficient fleet management.

Siemens Healthineers' strategic goal is to help healthcare providers worldwide to meet their current challenges and to excel in their respective environments using products and solutions that increase efficiency and reduce costs. Digitalization in healthcare is expected to drive the much-needed change towards widespread value-based care and reduced costs. With its digital solutions and services Siemens Healthineers aims to support its customers to meet the challenges of the transformation to value-based healthcare.

New partners for the Siemens Healthineers Digital Ecosystem

With its Digital Ecosystem Siemens Healthineers is providing a platform on which healthcare providers and solution providers can link with one another as well as bring together their data, applications and services. The Siemens Healthineers Digital Ecosystem comes with open API's (Application Programming Interface) to enable

application developers and solution providers to efficiently create, market and offer services which are seamlessly integrated into a shared digital healthcare platform. Partner companies will be able to access one of the largest pools of in-vivo and in-vitro data, and share their solutions with healthcare providers in markets all across the world. The Digital Ecosystem will allow experts to network and communicate with their peers worldwide. Additionally the participating partners can interact quickly, easily and seamlessly.

Two new companies have recently signed up to provide applications and technologies for the Siemens Healthineers Digital Ecosystem: Ebit Srl – Esaote Group and HeartFlow. Companies like Arterys, Dell EMC, SecondOpinions.com, Stroll Health, SyntheticMR, 3D Slicer, TMC, USARAD and Viewics already agreed in February 2017 to provide applications and technologies for the Siemens Healthineers Digital Ecosystem.

The Siemens Healthineers Digital Ecosystem is based on the teamplay¹ cloud-based network, which has been certified for its handling of data privacy² and is already in use at hundreds of customer sites. It brings together a number of additional platforms such as LifeNet, PEPconnect or the Point of Care (POC) Informatics solution from Siemens Healthineers. At the fair in Berlin, Siemens Healthineers will present an initial prototype of its digital platform, with single-sign-on access to its partners' applications and services. The platform is planned to be commercially available in the fall of 2017.

Information about the solutions from Arterys, Dell EMC, Ebit Srl – Esaote Group, HeartFlow, SecondOpinions.com, Stroll Health, SyntheticMR, 3D Slicer, TMC, USARAD and Viewics on the Siemens Healthineers Digital Ecosystem is available at www.siemens.com/healthineers-digital-ecosystem

Siemens Healthineers eHealth Solutions for networking in the healthcare industry, with new Patient Portal including Home Monitoring

Siemens Healthineers eHealth Solutions³ deliver a reliable IHE based network (integrating the Healthcare Enterprise standards), utilizing applications to enable fast, reliable, effective data exchange between healthcare facilities and to support cross-institutional healthcare delivery. Heterogeneous IT landscapes can be integrated and existing national infrastructures or record systems can be connected (EMR, RIS, HIS, etc.). Patient information can be made accessible to authorized healthcare providers. A dedicated authorization system monitors every access. The eHealth applications support cross-institutional workflows like teleconsultations, patient and referral communication, and clinical conferences.

A new application in the eHealth Solutions portfolio is the Web-based Patient Portal³. Here, patients can manage their own data, give their doctors access to it, and check who recently viewed the data. The patient can define access authorization and can thus control who can look at his health data. To prevent data misuse, strict data protection rules apply, including treatment documentation and records of every data query.

On top of that, the Patient Portal can be connected with personal health monitoring devices at home enabling patients to measure vital parameters like weight, blood pressure and/or glucose via external devices, and to transmit them to the portal. Fitness data can be recorded with a smartphone or commercial fitness trackers, and can likewise be synchronized with the Patient Portal. The treating physician can view the parameters anytime, consider this additional information in to the care plan and contact the patient right away if there are any relevant deviations.

In most Austrian states and in interregional networks, Siemens Healthineers eHealth Solutions provide the infrastructure for the ELGA electronic health record, and make the nationwide and cross-institutional exchange of health data a reality.

PEPconnect allows the construction of individual learning experience with over 7,000 learning activities, in up to seven languages

Siemens Healthineers has recently expanded its online learning platform PEPconnect⁴ (Personalized Education Plan) with new learning modules for medical imaging. Physicians and medical technology assistants can now use PEPconnect to access training courses on Siemens Healthineers systems to a broad portfolio of over 7,000 learning activities across Medical Imaging and Therapy, Laboratory Diagnostics, Point of Care, Molecular and General Healthcare, in up to seven languages (English, German, French, Italian, Spanish, Korean and Japanese). With optimized technology and increased search capabilities, PEPconnect allows customers to access education and real-time performance support virtually anytime, anywhere, and on any device, including PCs, laptops, tablets, and smartphones. Users can also construct a learning experience personalized to their needs, and share their learning experience with others — whenever and wherever they need it.

LifeNet 2.0 eService Portal for an even faster overview in fleet management

LifeNet⁵ is a Web-based customer portal for managing the fleet of Siemens Healthineers systems at clinical facilities. The new LifeNet 2.0 eService Portal, comes with a completely revised user interface for easier operation and understanding. Additionally the new portal is now optimized for mobile devices like smartphones and tablets, on which fleet managers can log in with their personal access data to look at service information. A real-time status display provides a view of system availability, as well as a view of open service tickets with new services tickets being transmitted directly to the appropriate Customer Care Center at Siemens Healthineers. The appointment view provides an overview of all upcoming maintenance work and upgrades for the systems, and if necessary a postponement can be initiated. A new function in LifeNet 2.0 makes it possible to plan maintenance requirements not just months ahead, but a whole year in advance. Detailed Performance Reports provide a complete view of the systems landscape. LifeNet 2.0 now provides that view especially fast: with integrated Google Maps, the status of all the locations in a hospital group shows up on an easy-to-read map.

Reference:

1 teamplay is not yet commercially available in some countries. No undertakings can be given as to its future availability due to the special legal provisions pertaining to medical devices. More detailed information can be obtained from the relevant local Siemens organization.

2 teamplay – CORE applications: teamplay Dose, teamplay Usage and teamplay Protocols – has been awarded with the European Privacy Seal and the German "Seal of Privacy for IT products" of the Independent Centre for Privacy Protection in Schleswig-Holstein (ULD).

3 Siemens Healthineers eHealth Solutions is not available in all countries. More detailed information can be obtained from the relevant local Siemens organization. eHealth Patient Portal is a product of ITH icoserve technology for healthcare GmbH, Innsbruck, Austria. eHealth Patient Portal is not available in all countries. Please contact your local Siemens sales representative for the most current information.

4 PEPconnect is not available in all countries. More detailed information can be obtained from the relevant local Siemens organization.

5 LifeNet is not available in all countries. More detailed information can be obtained from the relevant local Siemens organization.

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