

sense® - smart ehealth solutions

Product Information



What does 'sense® stand for?

sense® stands for smart eHealth solutions, the eHealth product line by ITH icoserve, emerged from the successful research project health@net (2002-2009).

7 years of experience

sense® - smart eHealth solutions is based on 7 years of experience in the field of the cross-facility health networks and is tested annually for IHE Connectathons

Real-life application

sense® - smart eHealth solutions is used, among others, in Tyrol for the setup of the health network Tyrol GNT (11 hospitals), for the setup of the Austrian order domain (Vinzenzgroup and Merciful Brothers Austria with 14 hospitals) and within an evaluation project by the Wien KAV (24 hospitals in Vienna). sense® is developed by a team of experienced eHealth specialists.

Supporting cooperative health care The top priority is the production and implementation of components for the development of integrated eHealth network structures, the development of eHealth applications that are based on the same and the consultation and design of concepts for the setup of sustainable health networks.

Objectives of sense® - smart eHealth solutions Inter-operability by applying international standards (IHE, CDA, XACML etc.) and conformity with the Austrian ELGA, compatibility with existing and future systems, encapsulation of the complexity of IHE and extended security by adaptors are important goals of sense® - smart eHealth solutions.

Security and innovation Due to a maximum of data protection measures, due to the application of state-of-the-art technologies, permanent university supervision, high software quality and planned medical product certification, sense® - smart eHealth solutions is one of the securest and most innovative eHealth products on the market



Networking in healthcare makes sense.

sense® - smart ehealth solutions

ITH icoserve
technology for healthcare
a siemens company

The Product Line for Health Networks

Portal applications

Portals for querying diagnostic findings (for searching and querying findings and images), clinical epidemiological registers for multi-center studies for recording, obtaining pseudonymity or administration of clinical epidemiological data and disease management programs are based on the eHealth infrastructure components.

IHE-conform profiles

sense® - smart eHealth solutions is IHE-conform with all relevant IHE profiles for the Austrian ELGA or international health networks (XDS-a, XDS.b, XDS-I, ATNA, PIX, PDQ, CT, XCA, XUA, NAV)

Adaptors connect KIS, RIS, PACS, physician's software with the eHealth infrastructure, provide IHE conformity for existing systems and offer interfaces that are easy to operate

Support The sense® - smart eHealth solutions infrastructure supports the feed of diagnostic findings and images, communication as well as manual or automated queries at predefined recipients

Components The sense® - smart eHealth solutions infrastructure consists of local network nodes (local nodes) with adaptors, XDS repository, image repository as well as central network nodes with XDS registry (document register), PIX/PDQ (central patient index), XCA gateway, audit repository and central security components.

ITH icoserve As subsidiary of Siemens AG Austria and of TILAK Tiroler Landeskrankenanstalten, the Tyrol company is the pioneer with regard to health networking in Austria. More than 60 specialists from the medical and IT fields provide consulting for health facilities all over the world, implement highly complex clinical information and workflow systems and develop future-proof solutions in the area of health networks, archiving, image and document management and/or the locating and identification of patients on the basis of state-of-the-art technologies, such as RFID and ultra-sound.



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