

The friendly PACS solution

Oehm und Rehbein GmbH  
Waldemarstr. 20 g/h, D-18057 Rostock, Germany  
Telephone switchboard: +49 (0)381 - 20 36 112  
support: +49 (0)381 - 20 36 115  
Fax +49 (0) 381 - 20 36 111, [info@oehm-rehbein.com](mailto:info@oehm-rehbein.com)

General Manager: Bernd Oehm, Ragnar Rehbein, HRB 8923  
Ust.-ID-Nr. DE-178 595 967, ST.-Nr. 079/115/01761  
Bank branch: Ostseesparkasse Rostock  
Account number: 220 013 314,  
Bank code number: 130 500 00  
IBAN: DE87 1305 0000 0220 0133 14  
BIC: NOLADE21ROS  
SWIFT: NOLADE2H

### Digital archiving of images in medical radiology: general requirements for the digital archiving of images in terms of DIN 6878-1: 1998-05

By using our product **dicomPACS®** acquire a tool that offers you comprehensive assistance in meeting the requirements as formulated in the above norm.

Our **dicomPACS®** system is ideally suited for the functions defined in the norm to be applied to medical radiology, which includes projection radiography, computer tomography, magnetic resonance tomography, nuclear medicine, ultrasound image generation as well as dental X-ray diagnosis.

It offers you a digital archive for the long-term, rational and unmodifiable storage of digital medical image information, which allows you to operate according to the extensive requirements of data protection. Even older data can be made available at short notice to meet the legal demands.

All items are stored in DICOM format as required by the terms of the norm. The internationally applicable DICOM standard allows you to exchange data regardless of the type of software used.

In accordance with the definitions of the norm we work with the basic image as well as the information about the processing stages, i.e. the basic digital image, from which all subsequent processing, transferring, storage or representation is derived, is stored. This guarantees the integrity of the data, as the image data is available for retrieval at all times in the same format as it was entered. All ancillary information provided by the image generator (patient data and data for describing the image generation process) is stored along with the image.

All required modifications (corrections, blocking, data deletion) are logged in detail.

In accordance with the requirements of the data protection norm, no deliberate modification of the data is possible. All necessary modifications of archived data can only be performed by authorised persons and are comprehensively minuted in a tamper-proof form. These modifications can be retrieved by means of an amendment history.

The archiving of data is done onto data carriers that are unmodifiable when in the prescribed manner. Even during archiving the inter-connection between image information and document information are retained by the application of the DICOM standard.

  
Bernd Oehm  
Distribution/marketing partner

  
Ragnar Rehbein  
Development/technology partner