

# DEKOM

VISIONS IN MEDICINE

*more than 500  
installations  
“ worldwide*



## DEKOM Engineering

### Clinical image and data processing

Since its foundation in 1984, DEKOM Engineering GmbH has been first on the market with numerous solutions and has succeeded in establishing itself as innovative and reliable partner in the hospital sector.

We support doctors and IT personnel in hospitals and doctor's surgeries in their day-to-day work by providing them with professional equipment.

Let our tailor-made solutions convince you and profit from our more than 25 years of experience in the service of medical progress.

DEKOM – extensive knowledge of DICOM, HL7 and all types of video standards from S-Video to HDTV.

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## DEKOM History

### 1980er

- 1984 Sale of professional video equipment

### 1990er

- 1993 Introduction of semi-digital draw technology (LDA), the first solution changing to the optical video disc as medium.
- 1994 Introduction of the PKI, the only interface to make data reconciliation between analogue modalities and measuring consoles possible.
- 1997 Development of the DicomView software and a digital archive. The first fully fledged DICOM compatible solution in Germany (University Hospital Magdeburg).
- 1998 Introduction of DicomFactory, the first DICOM compatible CD producer. Introduction of DIANA Frametrager, a solution to digitise and convert analogue radiological image data to DICOM.
- 1999 Start of the installation of DICOM image processing solutions worldwide.

### 2000er

- 2001 Introduction of a patient information system via SMS mobile communication technology.
- 2002 Introduction of the DicomEditor, the first tool to enable the user to subsequently process DICOM data (e.g. examination IDs).
- 2003 DicomWebView release – Web access to any DICOM PACS including automatic compression depending on line bandwidth.
- 2005 HL7 – DicomWorklist Scheduler, the only application which not only converts HL7 messages in Worklist but also sends HIS (Hospital Information System) tasks individually to modalities.
- 2006 DICOM Visible Light Server for linking up endoscopes and microscopes to digitalise whole operating theatres.
- 2007 Communicator for the free exchange of master data between RIS, CIS, HIS and surgery information systems. Free conversion of Worklist, HL7 and GDT datasets. Fully automatically or manually as order manager.
- 2008 DEKOM Migration Tool: tool for the coordinated migration of examinations from PACS to PACS.
- 2009 PACS Validation Tool: tool to determine the quality of PACS data as regards completeness, correct linkage, missing entries, double entries, etc.

### 2010er

- 2010 Live Streaming solution for the teaching sector with audio functionality.

