

EXAMION®

X-Ray Systems · Digital Imaging · Service

X-AQS

Universal Software Platform



Customised solutions for
Medical imaging

Intuitive:

- Uniform user interface which covers all modules
- Clear icons and menu structure

Future-proof:

- Continuous further development
- The system grows with you

Modular:

- Adaptable to your needs
- Perfectly matching modules

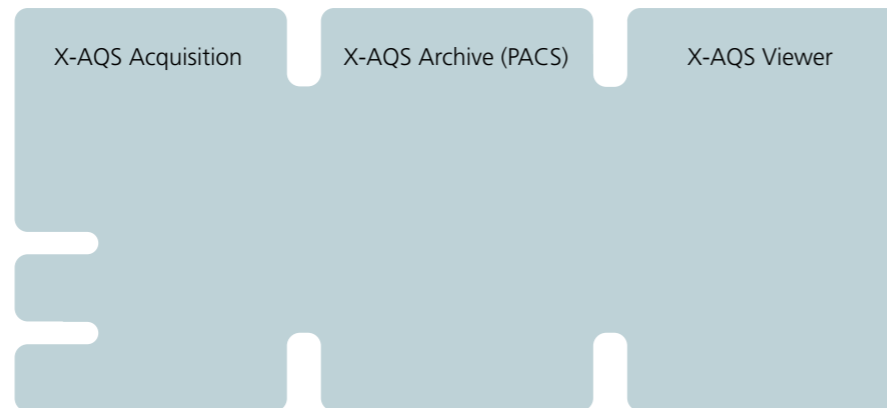
Universal software platform for radiologic image acquisition and management of all medical image data.

- Acquisition: control of DR and CR systems, generators and peripherals
- PACS: archiving of all medical image data
- Viewer: editing and diagnosis

Architecture

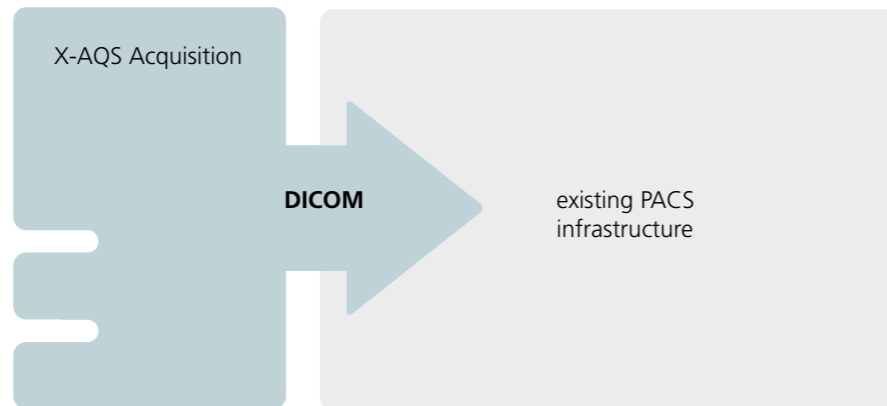
Use EXAMION X-AQS as a complete system or connect parts of it to your existing infrastructure.

EXAMION X-AQS as a complete system



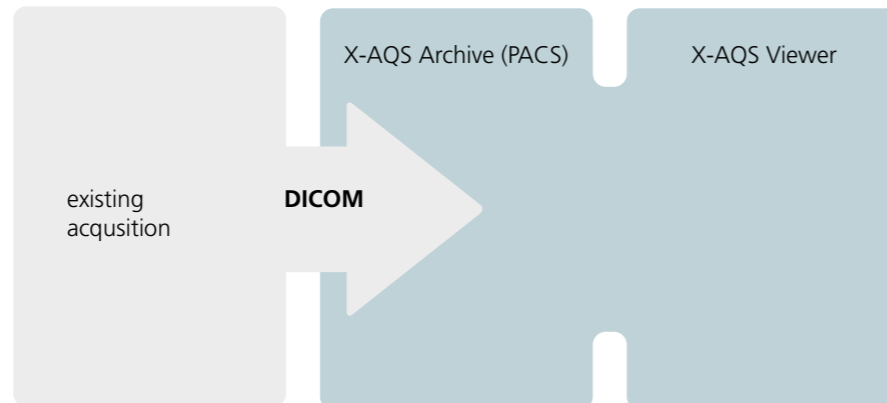
EXAMION X-AQS as DICOM modality

+
existing PACS infrastructure



Existing DICOM modality for image acquisition

+
EXAMION X-AQS PACS and Viewer



Acquisition

Create a new X-ray study

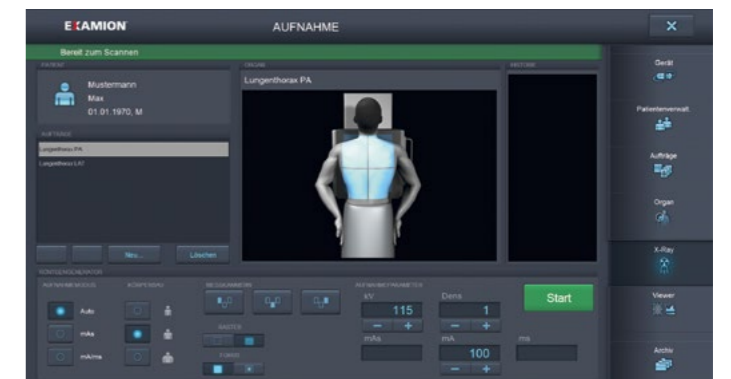
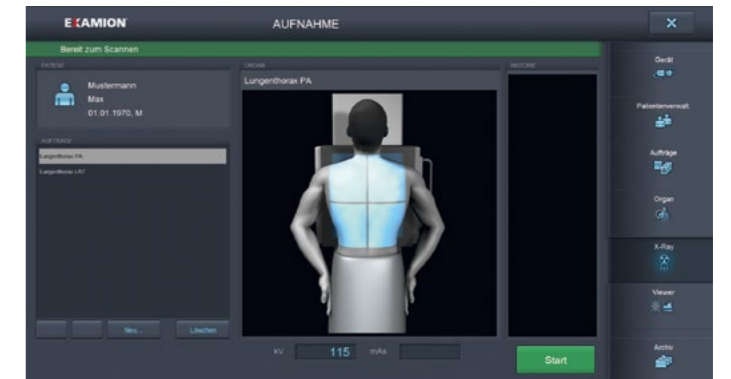
Enter patient data manually or select the patient from a patient administration system (e.g. DICOM Worklist)

- Select body part from organ tree (first figure)
- Select desired image from configurable list of organs (second figure)
- Create worklist for exposure
- Receive procedure codes from HIS



Exposure

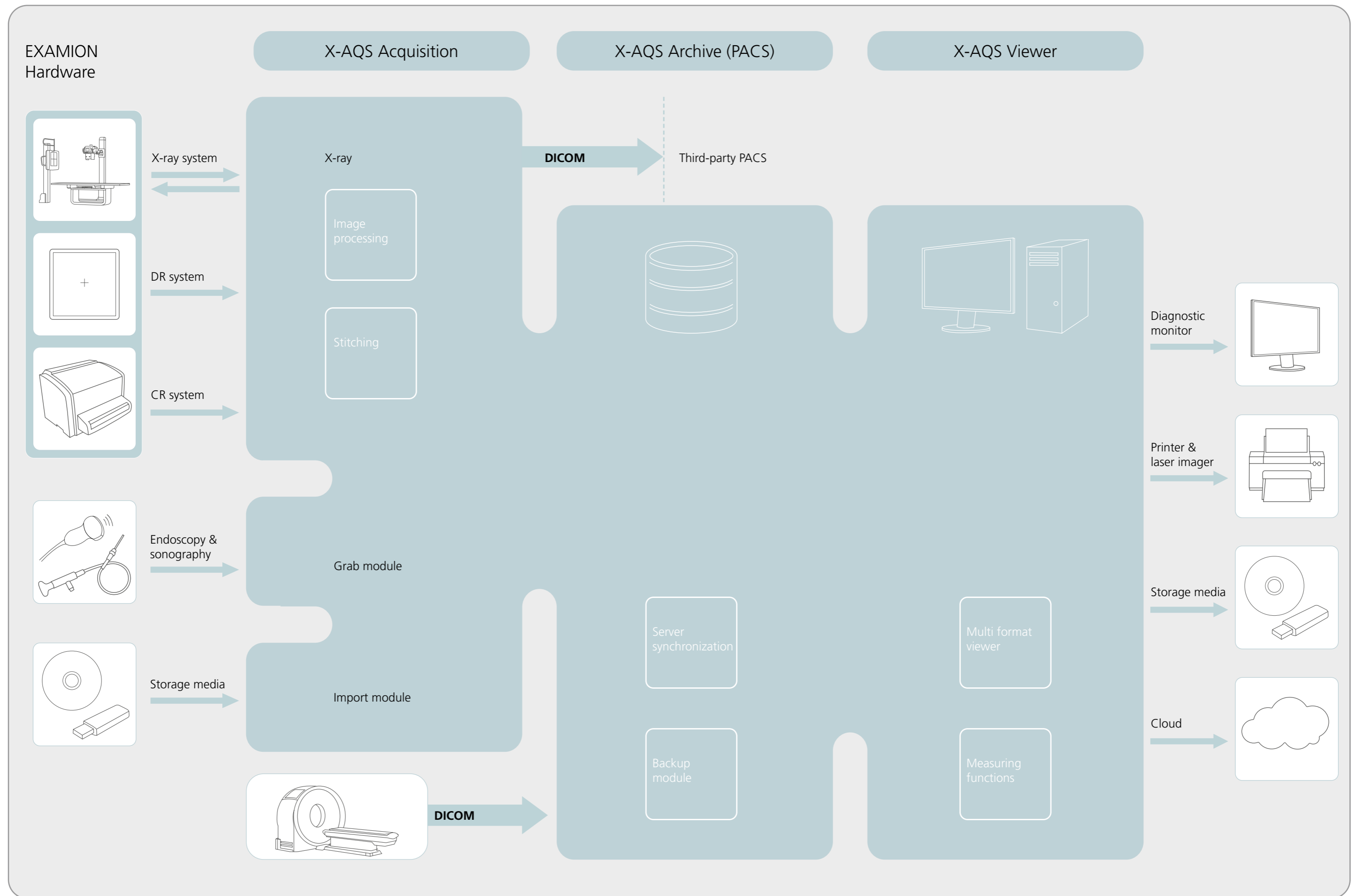
- Comprehensive integrated positioning guide
- Pre-set exposure values
- Automatic transmission of X-ray parameters to the electronic X-ray journal
- Direct control of EXAMION X-ray generators



Certified diagnostic viewer at the acquisition

- Rotation, mirroring, optimization of brightness and contrast
- Comprehensive measurement functions
- Printing and image export





Stitching

Automatic stitching

- Automatic stitching with the help of markers or lead rulers

Manual stitching

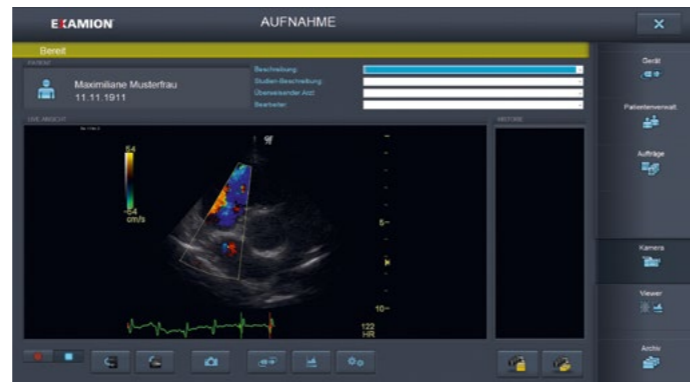
- Various tools for comfortable manual alignment of images
- Difference image display in overlapping area



Integration of further image sources

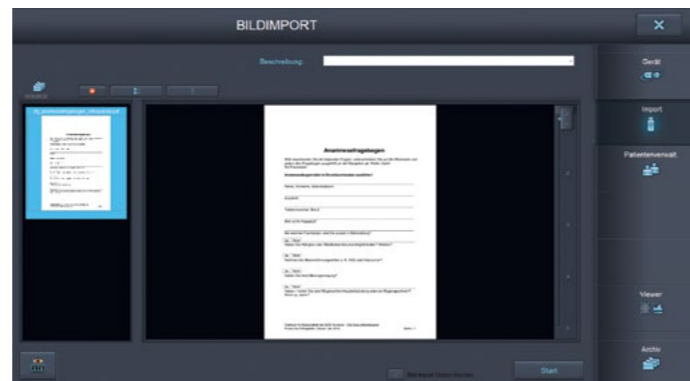
Recording of video signals

- Sonography
- Endoscopy
- Photo and video cameras
- Cutting function for moving images



Import

- Import of X-ray, CT and MRT data to CD and USB stick
- Import of various image files
- Import of PDF files



Archive

Architektur

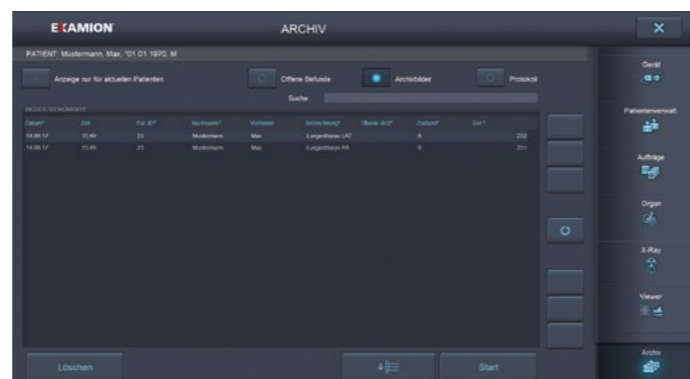
- Scalable archive based on Windows or Linux
- Unlimited number of image files

Synchronisation

- Between different locations
- Between mobile and stationary archives

Backup

- External backup
- Server mirroring



Viewer

X-ray images

- Display of images ready for diagnosis
- Extensive editing functions and diagnostic tools
- Intuitive user interface
- Support of multitouch interfaces



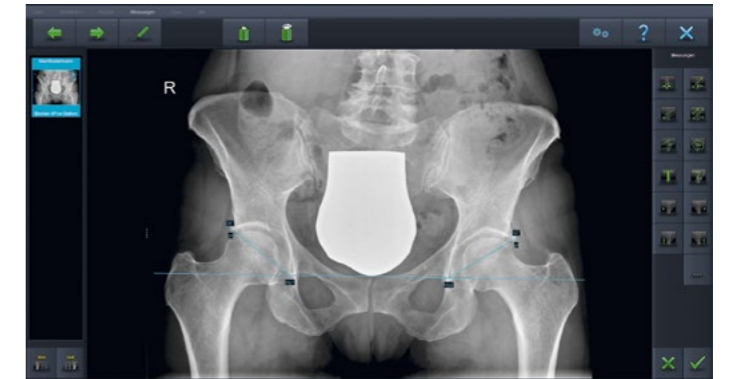
Photo, video and documents

- Display of single images and image series
- Presentation of documents per page
- Playback of video files



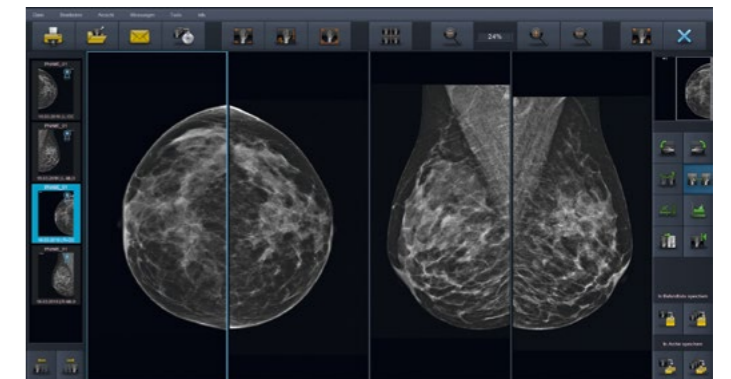
Measurement functions

- Basic measurements such as distance and circumference
- Guided advanced measurement functions such as Cobb, Ulmann-Sharp and Wiberg angle, infant's hip...



Mammography

- Switchable hanging protocols



Cross-sectional imaging techniques - CT and MRI

- Several options for displaying section lines
- Functions for navigation through image data
- Configurable display of scouts and localizers
- Multiplanar Reconstruction



EXAMION GmbH

EXAMION is a global provider of specialized solutions for digital radiography in human and veterinary medicine. For 35 years, we have been working based on the principle of "everything from a single source". We are available to our customers as a competent partner for planning, installation, and after-sales services.



Our technical and sales advice is tailored to the specific requirements of the customers and the practice premises. Contact our experts for your personalized advice!

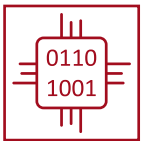
EXAMION currently services over 7,000 systems, most of which are stationary X-ray systems installed in medical and veterinary hospitals and practices. Our in-house developed EXAMION X-AQS software empowers the system control, image processing, reporting, and archiving while ensuring efficient workflow. In addition to digital radiography and image processing systems, our product portfolio includes digital mammography.

With more than 150 employees in Germany, our European subsidiaries in Belgium, Poland, Portugal, and Switzerland, and our ever-growing network of service and sales partners, we passionately support our customers throughout Europe and beyond.

Take advantage of our long-standing experience



X-ray systems



Digital systems

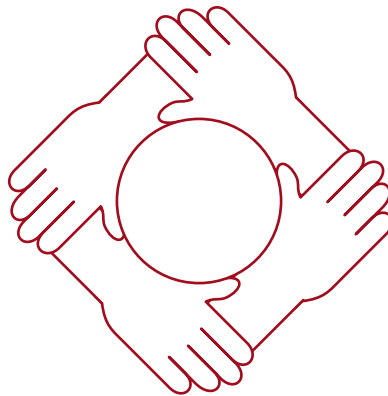


Image archives



Services



Contact – your local sales and service partners

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