



OR4Vet

Multimodal image diagnostics
that inspire.

Medici DR flat panel upgrade kit

for your existing X-ray system for the entire range of veterinary medicine



 OR Technology

The expert by your side.



System benefits of a DR retrofit kit for your existing X-ray system

Intuitive OR Technology acquisition software *dicomPACS®DX-R* including free special measuring functions

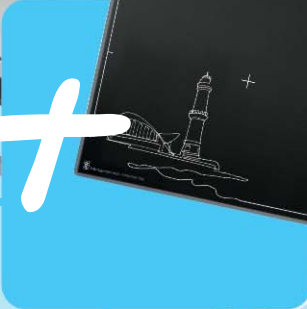
Integration into your existing patient management system – patient data at the push of a button

Thanks to automatic X-ray detection (AED), no modifications, system adaptations or cable connections are necessary

Large selection of X-ray detectors in various sizes and from various manufacturers



Excellent image quality with automatic image processing, no need for manual corrections



Integrated X-ray positioning guide (for examinations of cats and dogs)

High-quality X-ray even at low X-ray doses

Second opinions in a flash with well-designed image management – for example via *ORCA®* cloud solution

Detailed information can be found here:

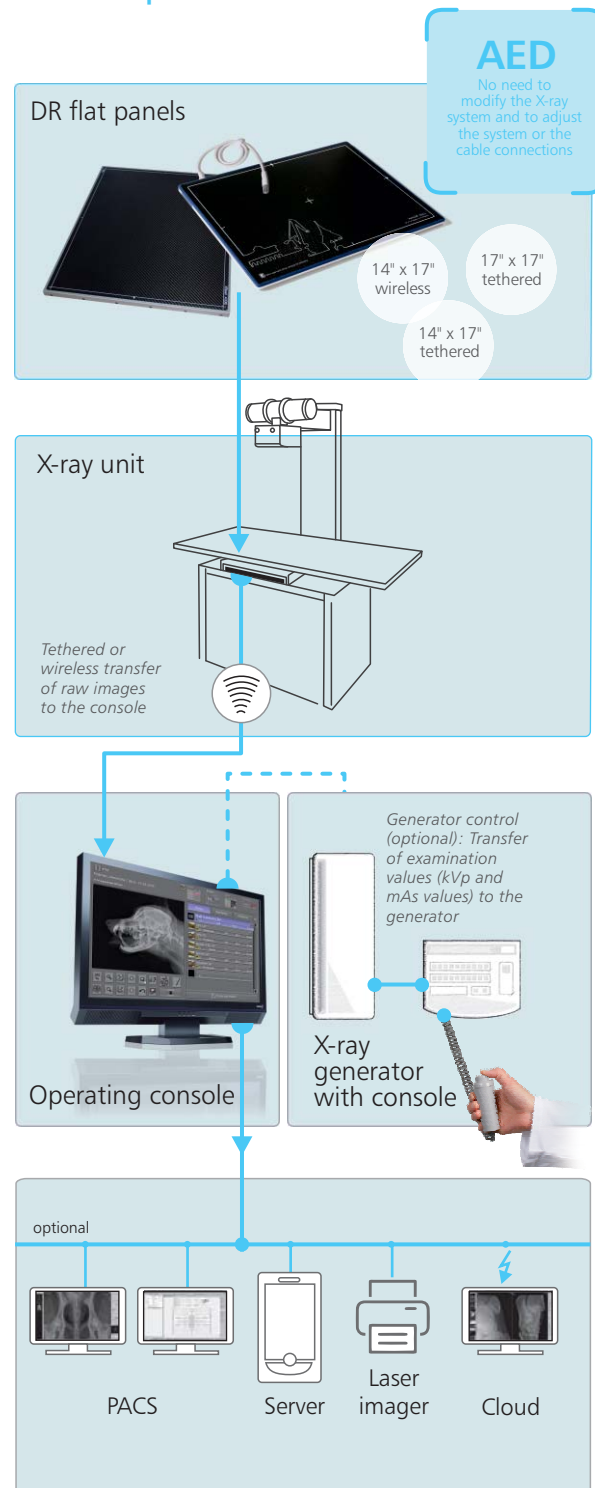


Cleverly designed & multimodal - from small animal to equine X-ray

Upgrade to an integrated multi-modality PACS

- **DICOM reception** from any DICOM sources, e.g. CT, MRI, scintigraphy, ultrasound etc.
- **DICOM distribution** with freely configurable rules
- **DICOM DIR import** for archiving patient CDs by other manufacturers
- **DICOM Query/Retrieve** (SCP/ SCU)
- DICOM Auto **Pre-fetching**
- **DICOM Print Server** to convert DICOM Basic Print into Windows print jobs
- **DICOM Compression** according to freely configurable rules
- **DICOM CD/DVD Backup Module**, also via robot systems
- Integration of **film and document scanners**
- Digitalisation of standard and non-standard video signals, e.g. **endoscopy, angiography** etc.
- Fully automatic **synchronisation** of two image databases, e.g. laptop and main archive
- **Exchange of images and diagnostic reports** between individual clinics by means of teleradiology
- **dicomPACS® MobileView**: distributes images within a hospital and displays the images in a web browser
- **ORCA® - cloud-based solution**: enables worldwide image distribution to referring doctors and patients via the internet

Mode of operation



Advantages of professional acquisition software

Modern graphical user interface, **touchscreen** operation

Capture of patient data via **DICOM Worklist**, **BDT/GDT**, **HL7** or other protocols – data may also be captured manually

Use of **DICOM Procedure Codes** for the transfer of all relevant examination data directly from the connected patient management system (HIS/RIS)

Freely configurable body parts with more than **200 projections** and numerous possible adjustments

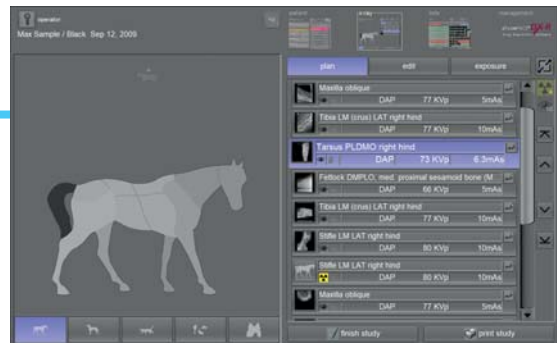
Safe and fast **registration of emergency patients** allowing the user to **switch between examinations** of a patient, for instance to avoid having to re-position the patient frequently

Allows the user to **subsequently add images** to an examination, even after that examination has already been completed

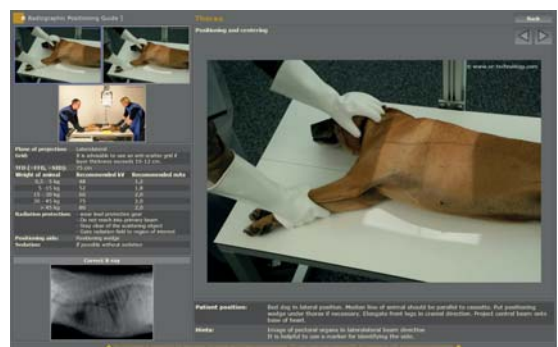
Special tools for veterinary medicine, such as an extra dialogue box for patient and owner data, **automatic hip dysplasia measuring (AI-based)**, **MMP, TTA, TPLO** and **vertebral heart score (Buchanan)**, **special image filters** and much more

Fully **integrated radiographic positioning guide** for each examination incl. comprehensive notes, photos and correct X-ray images

Suited for use in **dental medicine**, e.g. with a digital dental sensor or a dental CR system



Planning the X-ray examination



Integrated multimedia X-ray positioning guide



Preview image of the X-ray image



Diagnostic in the professional PACS viewer

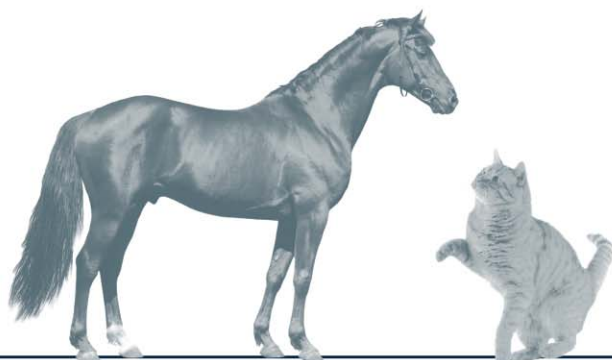
Options for upgrading acquisition software

dicomPACS®DX-R may not only be used as a software for the acquisition and processing of X-ray images, but can also be upgraded to a MiniPACS or even to an Enterprise Multi Modality PACS. Thousands of installed workstations in over 140 countries (as of 1/2025) prove that our customers are satisfied.

A single workstation system with installed *dicomPACS®DX-R* software can be upgraded with the following options (extract):

Further optional viewer functions:

- May be installed on **Windows, Apple MAC and Linux** systems
- Generation of full leg/full spine images (**Image stitching**)
- Preparation of diagnostic reports with integrated images in MS Word
- Connection of several diagnostic monitors
- Capturing additional patient and examination data with their freely configurable **statistical analysis**
- Working with **digital prosthesis templates for surgery planning** and documentation - Prosthesis templates can be selected from a set and inserted into the image as annotations
- Additional radiological functions such as Maximum Intensity Projection (**MIP**), Multiplanar Reconstruction (**MPR**), hanging protocols
- Fast and easy preparation of equine pre-purchase examinations with automatically inserted X-ray images (only for Germany) and much more...





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Multimodal image diagnostics
that inspire.

Everything from a single source: PACS | X-ray | Ultrasound | CT
OR 4Vet. Because image diagnostics only needs one partner.

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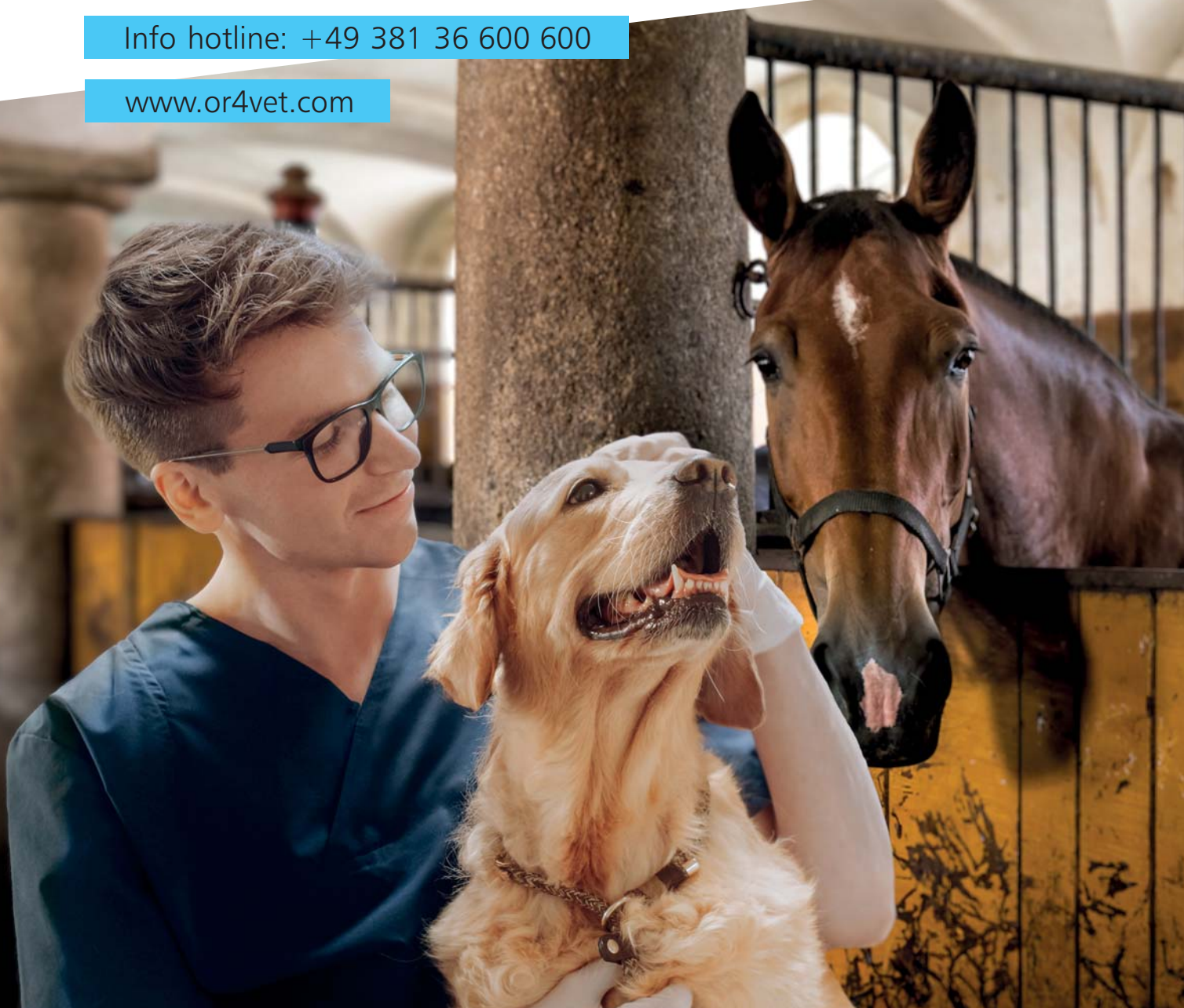
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