VET

VIEW
THE RADIOLOGY READING STATION FOR VETERINARIANS

VET READINGS MADE SIMPLE

VET-VIEW 2.7
SPECIALIZED FOR VETERINARY NEEDS

The most important issue for vets who frequently read imaging studies
is selecting the appropriate reading station.

VET-VIEW is an easy-to-use reading station, specialized for veterinarians. A customized veterinary graphical user interface and the especially adapted text overlay are only some of the many veterinary features. All important veterinary data, like breed description or studbook name, is visible on every image, thus providing easy patient recognition.

VET-VIEW is available in two different versions: BASIC and PRO. The BASIC version includes all required features for viewing and reading while the PRO version offers professional tools for reading specialists like presentation states and individually customizable hanging protocols. Hanging Protocols make it easy to view for instance pre-purchase examinations of hor-

ses for facilities dealing with equine patients. Studies and images can be loaded automatically as each veterinarian wishes to read them.

Vet-specific measurements, such as the Norberg angle, make image review simple and fast.

Due to its special software design, VET-VIEW is very fast. An automa-

tic tiling function arranges imaging studies on the screen without any user interaction. A configurable toolbar in the viewer allows the easy selection of tools that are needed for image processing. The most relevant buttons can simply be set up in the personal default toolbar.

VET-VIEW can be integrated into virtually any practice management system, EMR or HIS. Customized modules for 3D post-processing, nuclear medicine, orthopedic templating, image stitching and more equip specialty readers with the required tools.

VET-VIEW even contains an integrated basic structuring reporting module for creating, editing, storing and sending individualized structured reports.

It is further possible to write imaging data and reports on CDs, DVDs or USB media, to print on Windows® laser printers or DICOM medical imagers and to email any study to a colleague - even in diagnostic quality.

VET-VIEW may be used as a radiological media burning station – or rather, as a semi-automatic burner/printer in connection with iQ-ROBOT.

VET-VIEW can also work as an image acquisition station by importing images from scanners, directories and portable media, including options for patient reconciliation offered in the PRO version. Scanned documents can simply be attached to a study.

A special feature of the import module are the fields for veterinary view positions, body parts and vet-specific information, such as species, breed, owner and studbook info, which can be added to the image to complete the information workflow.
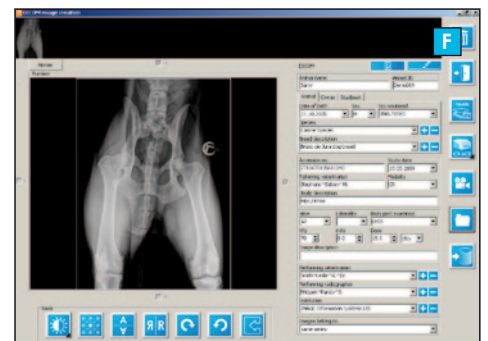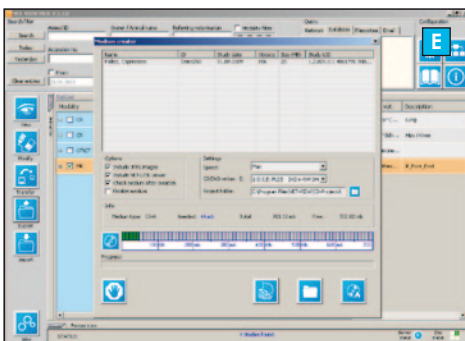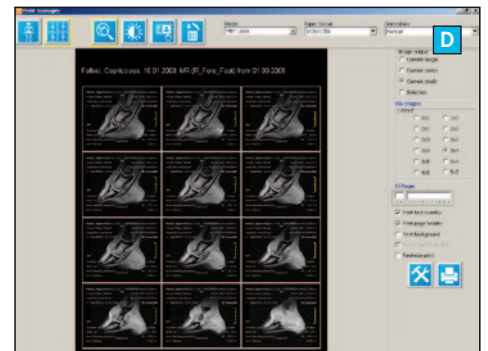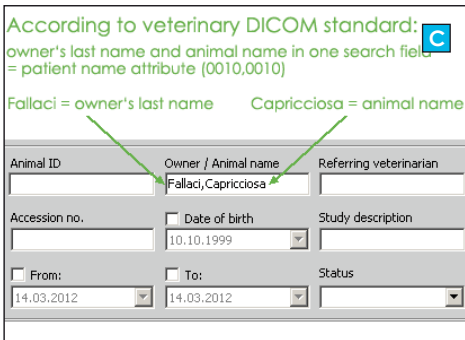
VET-VIEW is ideal for teleradiology purposes. Encrypted DICOM email makes it possible: Ask any colleague anywhere in the world for a second opinion by just doing two mouse-clicks! This new technology offers easy and fast information exchange among colleagues by email. Or use the email feature to send out image data as JPEG files.

The application is compatible with virtually all medical imaging DICOM devices on the market, regardless of the manufacturer.

THE BEST
FOR VETS

According to veterinary DICOM standard:

owner's last name and animal name in one search field = patient name attribute (0010,0010)

Fallaci = owner's last name   Capricciosa = animal name
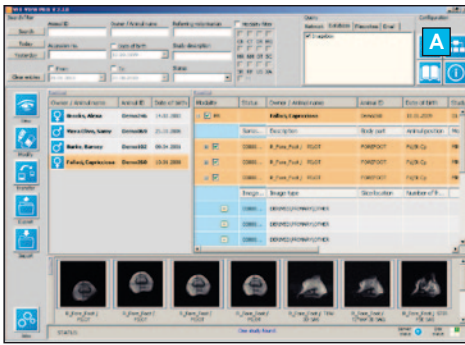
A *The Study Browser provides a clear overview of all imaging data including structured reports. A patient root view will automatically sort all available studies by patient.*

B *All image processing tools can be accessed either by selecting buttons or menu items or even by using shortcuts. For an easy orientation within a series, the user-friendly viewer offers several scout pilot tools, such as the lines mode and the 3D position display.*

C *By using the search filters it is possible to narrow down the search for intended studies. This can save a lot of time when querying a PACS with a high volume of stored data.*
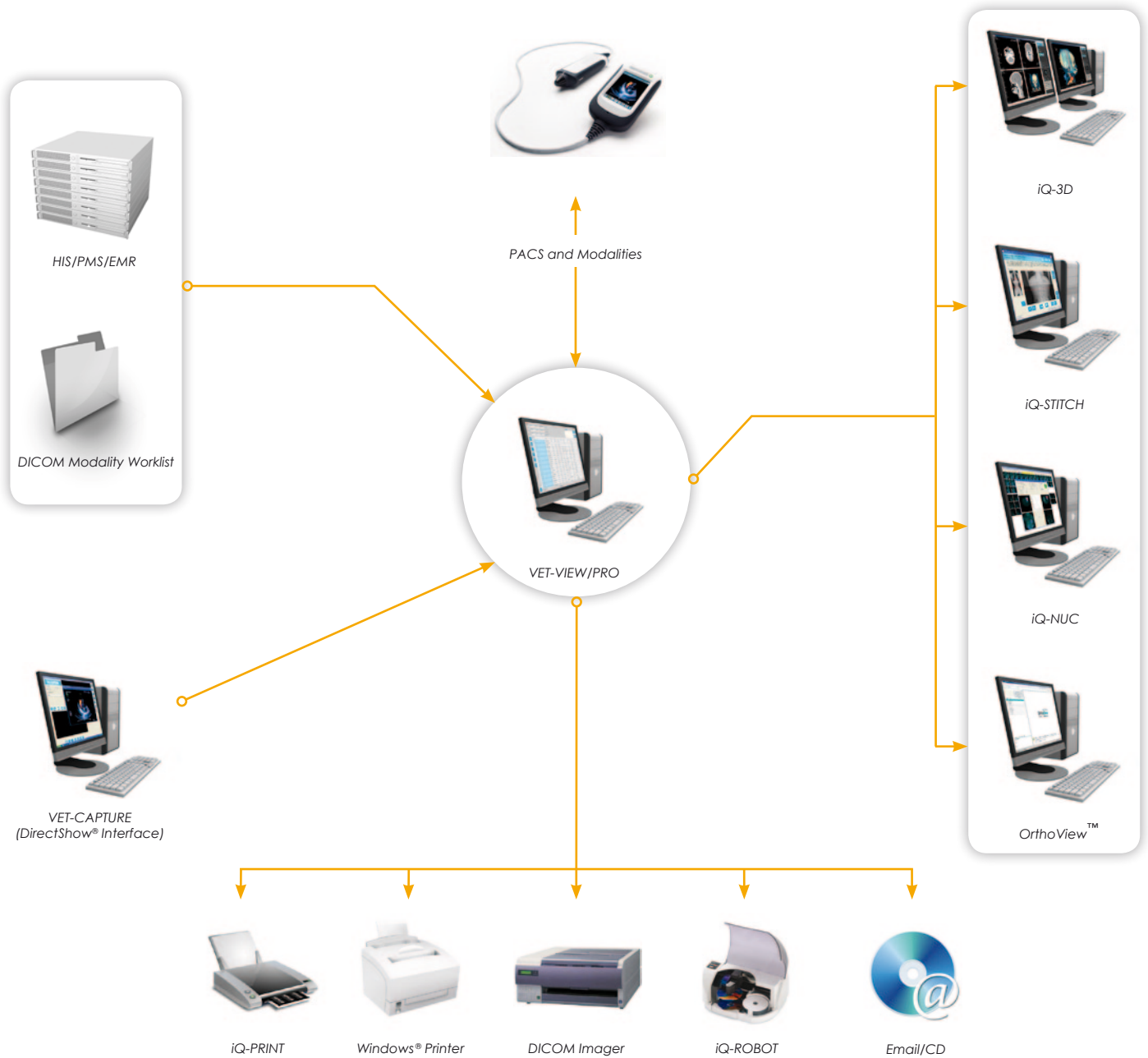
D *VET-VIEW can be used as a printing station; the integrated print manager allows for a flexible optimization of the printouts.*

E *Single and multiple studies and series can be exported to a CD, DVD or memory stick, all including a VET-LITE CD viewer. Exporting to DICOM email, to directories and different file formats is also possible.*

F *The import module is a comprehensive tool for the acquisition of images from different sources (such as scanners, capture devices, cameras, microscopes or file directories) and their conversion to DICOM.*

HIS/PMS/EMR

DICOM Modality Worklist

PACS and Modalities

VET-VIEW/PRO

iQ-3D

iQ-STITCH

iQ-NUC

OrthoView™

VET-CAPTURE
(DirectShow® Interface)

iQ-PRINT

Windows® Printer

DICOM Imager

iQ-ROBOT

Email/CD

VET-VIEW places the reading veterinarian at the heart of all diagnostic processes: Studies from all modalities or a PACS are received in the reading station, colleagues and referring veterinarians can be connected via DICOM or DICOM email and VET-VIEW can easily be integrated with any practice management system (PMS), EMR or HIS. Even specialty tools for 3D post-processing, orthopedic templating, nuclear medicine or stitching are closely interfaced with the viewer.

VET-VIEW FEATURES

GENERAL
- 64 bit support for Windows 7 Professional or higher
- Scalable buttons and possibility to set font size (for high-resolution displays)
- Multimonitor support

STUDY BROWSER
- Study table
- Thumbnail preview
- Virtual patient root model

VIEWER
- Veterinary text overlay
- Image processing (including comparison of multiple studies, image filters and synchronization/desynchronization of series)
- Configurable bottom toolbar and creation of viewer shortcuts
- Measurements (including distance, angle, Cobb angle, Norberg angle, ROI, modify/delete options)
- Basic annotation of images (incl. Secondary Capture image creation)
- DICOM presentation states on image level
- Configurable scoutlines to display plane projections and/or plane intersections
- Integration of 3rd party image processing or image analysis tools
- Support of DICOM shutter sequences

REPORTING
- Structured reporting module with read/write/edit support of Basic SR objects
- Read-only support for other SR formats

IMPORT
- Lists containing veterinary body parts and image views
- Additional veterinary DICOM information included, e.g. studbook, breed, species or owner information, sex neutered and more
- TWAIN interface (scanner, video capture and CR)
- Drop box interface for automatic image file import
- Image file import (BMP, JPEG, TIFF, RAW)
- Patient CD/DVD/USB import

EXPORT
- Patient CD/DVD/USB
- Integration of direct interface to iQ-ROBOT module for patient CD/DVD creation and label printing (not available in the USA)
- Image export to image file or AVI video file (including measurements, windowing, color remapping, annotations and more)
- Sending of JPEG images by email

PRINTING
- Print to DICOM imagers of any brand
- Windows® print
- True-size (1:1) DICOM printing

COMMUNICATION
- Server administration tool for easy configuration
- Smooth interoperability with iQ-products; support of various transfer syntaxes
- HIS/PMS interface (accession number or GDT/BDT) (others on request)
- DICOM Query/Retrieve, C-FIND, C-STORE, DICOM print client and DICOM email

VET-VIEW FEATURES

ADD-ONS
- Optional 3D post-processing add-on module (iQ-3D)
- Optional image stitching software (iQ-STITCH)
- Optional orthopedic templating module (OrthoView™)
- Optional nuclear image processing (iQ-NUC)

LICENSING
- Single (PC-based) or concurrent (floating user) licenses

LANGUAGES
- English, French, German

VET-VIEW PRO FEATURES
IN ADDITION TO VET-VIEW FEATURES

VIEWER
- Hanging Protocols (including the creation of HP sequences and modality-specific toolbars)
- Perpendicular distance, polygonal ROI
- Copy of measurements to other images to enable 3D measurements
- Dynamic magnifier window for seamless image zooming
- Annotation of images (incl. storing and sending as Presentation States)
- Color schemes for nuclear medicine, e.g. GE Color, Hot Iron, Lut7

COMMUNICATION
- DICOM Worklist Client

IMPORT
- Video capture interface (DirectShow®)*
- Foot switch support
- VET-CR ACE post-processing incl. histogram function and S-value (optional)

* We recommend the VET-CAPTURE or VET-CAPTURE PRO hardware packages for an efficient and guaranteed use. They each include a frame grabber card and a foot switch.

HARDWARE & SOFTWARE REQUIREMENTS

	MINIMUM	RECOMMENDED
OS:	Windows XP Pro 32 bit Windows 7 Pro 32 bit or 64 bit	Windows XP Pro 32 bit Windows 7 Pro 32 bit
CPU:	Intel® CPU with 1 GHz min. 1.5 GHz for cardiology	Intel® Dual-Core CPU > 2 GHz
RAM:	1 GB RAM min. 2 GB RAM for cardiology	4 GB RAM
HDD:	2 GB free hard disk space (DMA33)	20-500 GB free hard disk space (S-ATA-II)
Network:	10 Mbit/s network adapter	100 Mbit/s network adapter
Graphics:	24 bit color or 8 bit gray output Any NVIDIA, ATI or Matrox graphics card	24 bit color or true 12 bit gray output iQ-GRAFIX or iQ-GRAFIX PRO
Display:	1024 x 768 pixel High-resolution monitors for diagnostics	Dual screen of 1280 x 1024 pixel or more IMAGE DISPLAYS diagnostic monitors
Peripherals:	CD-ROM drive	Scroll mouse, CD or DVD writer, PostScript printer
Hardware:		Dell

OUR PRODUCTS FOR YOUR IMAGING NEEDS

VET-PACS   The full-featured, reliable and affordable PACS for vets
VET-VIEW   The radiology reading station designed for veterinarians
VET-RIS   The radiology information system for veterinarians
IMAGE DISPLAYS Medical diagnostic monitors