

Visbion Image World for Vets

An innovative, flexible cloud PACS solution for single vet practices up to large veterinary groups.

Visbion Image World provides a fantastic archiving solution for any size of practice and with limitless capacity you need never run out of storage or worry about data migrations again. Image World allows an unlimited number of users per account and the ability to log in using a secure username and password from anywhere with an internet connection, making it the perfect method to keep branch practices connected.

Image World is available as a convenient subscription model, with predictable monthly payments. All your data is stored in our dual secure data centres, freeing you from the daily chores of backups, system updates and virus checks. It is an online hosted solution with no need for local hardware, making it extremely flexible. Existing data can be migrated into your Image World account or transferred out to your own local system if required in the future.

Image World is a cloud based version of Visbion's hugely popular and successful integrated PACS solution and currently provides online storage solutions for many UK and overseas customers. The system provides secure storage for all types of images in one place, including CR, DR, MRI, CT and Ultrasound alongside non-DICOM data such as PDF and JPEG files. Image World allows review of high quality images using a standard web browser, which incorporates all the tools expected from a high end workstation. Features include a full range of image review tools, side-by-side image comparison of studies from different dates, extensive measurement tools and burning of CDs or DVDs.

Key features

- ▶ Unlimited number of DICOM modality connections
- ▶ Unlimited number of concurrent users across all branch practices
- ▶ Practice management system integration
- ▶ Support for tablet and mobile devices
- ▶ Easy image sharing with partners and colleagues
- ▶ Fully diagnostic quality DICOM viewer plus extensive measurement and 3D tools
- ▶ Central storage for Veterinary Groups



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Image World Software Features

General

- ▶ Secure, compressed image transfer for security and speed
- ▶ Importing of photographs and other documents into a single patient centric record
- ▶ Online remote software updates
- ▶ Multiple monitor support
- ▶ Online help with tooltip pop-ups for every button
- ▶ Full colour support e.g. for ultrasound images
- ▶ Full animation support for cine images, e.g. ultrasound movies
- ▶ Copy displayed image to clipboard for inclusion in Word, PowerPoint etc
- ▶ Studies can be downloaded completely as a zip file and loaded directly into a 3rd party viewing application
- ▶ Images can be printed to a standard printer or PDF writer
- ▶ A CD with a 'Lite Viewer' can be created for a client or referral centre

Image display options

- ▶ Multiple series layout formats for side by side viewing of image. Formats available are 1x1, 2x1, 2x2, 3x1, 3x2, and any configuration up to 8x8
- ▶ Multiple image layout formats, e.g. 1x1, 2x1, 2x2, 3x1, 3x2, and any configuration up to 8x8
- ▶ Automatic user-definable hanging protocols, including relevant prior study retrieval
- ▶ Image rotation (90, 180, 270 deg), vertical flip, horizontal mirror
- ▶ Greyscale and colour negative\invert
- ▶ Window\level and zoom restore buttons
- ▶ User-definable window\level pre-sets

Standard mouse button tools

- ▶ Zoom, pan, magnifying glass
- ▶ Picker tool, e.g. for Hounsfield units or Standard Uptake Values
- ▶ Window\level or density\contrast adjustment, including colour images
- ▶ Each of the tools can be pre-configured to the left, middle and right buttons.
- ▶ The middle wheel button can also be used to scroll through a stack of images, e.g. in MRI or CT exams

Overlay tools

- ▶ Text annotations, with configurable font and colour
- ▶ User definable pre-set text annotations
- ▶ Lines and arrows with length measurement, configurable thickness and colour
- ▶ Various region of interest (ROI) measurement tools
- ▶ Various angles and angled line measurements
- ▶ Linegraph tool
- ▶ All regions of interest (ROIs) automatically calculate area, volume (where applicable), perimeter, mean value and standard deviation. Measurements can be displayed as part of the overlay or as a tooltip
- ▶ Annotations, measurements, rulers and orientation markers can be individually hidden or displayed

Advanced display tools and configurations

- ▶ Series locking by slice position, manual offset position, image number or frame time
- ▶ Multi-planar re-formatting functionality, including angled planes
- ▶ Curved multi-planar reformatting
- ▶ Maximum Intensity Projection calculation, including real-time interactive tools
- ▶ Individual user log-on with roaming user preferences. Configurable permissions to allow a user or group of users to only see specific patients

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