

EXCEPTIONAL IT SOLUTIONS



Horespower Computing was founded in 2006 by Walter Angelucci. The company started off as a simple sideline business supplying computer equipment supported by minimum service. As the company grew so did the services that it was able to supply.

Horsepower Computing is now a fully fledged computer support company dedicated to small /medium businesses and home users. Horsepower Computing will fix any computer problems, sell new computers, upgrade computers, remove viruses, install and maintain networks and help you get connected to the internet!

MAIN SERVICES INCLUDE:

Maintenance contracts:

To ensure that problems are resolved onsite in a timely fashion. Remote server and infrastructure checkups to make sure critical I.T. services are working and stable. Telephonic support

Design & Maintenance:

Design, implement and maintain I.T. solutions and network server solutions with support of all our brands.

Supply of Hardware and Software:

Source and supply all major hardware and software brands with priority turn around times when required. These include but are not limited to workstation computers, servers and server software, printers and scanners, office software packages and antivirus.

ALWAYS providing a qualified, affordable and friendly service!















ABOUT US

Professional IT Support, Consultancy, Hosting & Connectivity Solutions to the SME market in South Africa. With over 10 years of experience in the IT industry, we are well established and keep our clients happy. Outsource your IT Support & IT Maintenance to Horsepower so you can spend your time focusing on the other areas of your own business.

ADDED SERVICES

Managed Services:

Managed Services allows businesses of all sizes to get a high level of IT expertise without having to absorb the cost of full time employees. Items that can be managed include: Servers, Networking equipment, Network Performance, Routers, Software and Licensing, Cloud Services such as SharePoint, Websites, Mail and Backups, Workstation, Internet access, Applications, Security.

By outsourcing this type of work companies are not faced with the problem of Internal IT Staff leaving the organisation and loosing knowledge.

Managing IT both generally and in the medical sector requires a unique blend of expertise in strategic planning, development and leadership along with in-depth technical knowledge. We are confident that we can make a valuable and immediate contribution to your operations.

REMOTE MONITORING

Horsepower offers a variety of options for remote server, workstation, network and printer monitoring. We'll know as soon as there's a problem and can see the exact cause, so we can fix it fast and cut your downtime to a bare minimum.

ON THE MEDICAL SIDE...

Horsepower through its subsidiary VMED is able to cater for IT Solutions, Service and Support to medical technology sector by:

Providing medical equipment, supplies, software and hardware Design and development of medical departments.

Installation, application, education and training





> DICOM Print Server

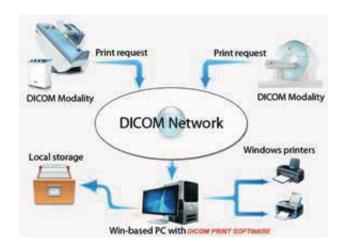
SUPPORT FOR ALL TYPES, MAKES AND MODELS OF PRINTERS

THE NEED FOR HARD COPIES IN THE PACS DIGITAL WORLD

The need to take medical images out of the hospital, or out of the boundaries of the hospital's network, for instance to provide copies of the exam images to the patient, or to accompany the report for the referring physician. A "hard copy" of the acquired medical images is certainly the most immediate and effective mean for most "users".

PAPER DICOM PRINTS WITH DICOMPRINT

The DICOMPrint software, coupled with an appropriate Windows compatible printer, allows obtaining a high quality and cost effective DICOM printing solution for the radiology department and the other hospital departments. Paper hard copies of exams can be easily produced in a cost efficient way.



DICOMPRINT: BENEFITS ARCHITECTURE OF A DICOM-BASED PAPER PRINTING SOLUTION

Seamless integration in any DICOM network: digital modalities see the "DICOMPrint + office printer" system as it was an actual DICOM film printer.

In small imaging center, DICOMPrint can be coupled even with a single modality supporting DICOM print.

Dramatic reduction (from 1.5 Euros per copy to a few cents per copy) diagnostic print quality.

Easy filing, storage, shipping and disposal of paper printouts. Environment friendly.

DICOMPRINT AND XEROX DEVICES

DICOMPrint now supports the Xerox Entended Interface Platform (EIP) techology, as an optional software module. Many DICOMJet features are available directly on the touch screen of EIP capable Xerox devices, thus delivering an extremely streamlined and optimized workflow. In addition, some exclusive image acquisition and DICOMization features have been introduced in the EIP application.



HERE IS A SHORT SUMMARY OF THE FEATURES OF THE DICOMPRINT EIP APPLICATION MODULE:

Scan to PACS: acquire paper documents, transform them into DICOM images including patient and exam data (automatically retrieve through DICOM services), and finally send them to a DICOM server.

All this is without stepping away from your Xerox device! Transformation to DICOM of printed or hand written reports, forms or other paper document has never been easier! Jobs to PACS: acquire images from print jobs previously saved by the DICOMJet server, time print preview on the home screen of the Xerox EIP device.

Server Status: review the current status of the DICOMJet print server, stop and restart the server, view currently active DICOM associations, abort inactive associations. The DICOMPrint EIP application running on a Xerox device.

EMBEDDED PAPER PRINT SOLUTIONS



OKI



OKI is a leader in printing innovation, providing organisations with High Definition colour printing devices based on digital LED technology, and now our sophisticated range of printers integrate seamlessly with your clinical systems using DICOM.

A FIRST IN MEDICAL IMAGING AND PRINTING

This is a first in digital printer technology, combining the cost effectiveness and high quality output of an LED printer with embedded DICOM software, allowing you to print directly from medical equipment without the use of conversion software or external print servers. You no longer need to settle for expensive printing on specialist media and devices.

With the C831 DM you can now print your medical imaging cost effectively on standard media formats in vibrant, HD colour and in sizes up to A3. From nuclear medicine to scans (eg MRI, CT) and ultrasounds, these images can now be easily printed for your own non-diagnostic use or to provide a copy for your patients and clients to take away with them.

REDUCE YOUR COSTS AND IMPROVE YOUR PRINTING

The C831 DM is not only perfect for your medical imaging printing, it can also be used for your standard office printing, from patient letters and forms to medical reports, allowing you to choose one machine that answers all the needs of your organisation, cutting down on the number of devices and consumables used.

The C831 DM is based on our existing, award winning printers, offering the same reliability, ease of use, low total cost of ownership, media flexibility and high quality output, with the additional benefit of embedded DICOM technology. Through system integration, the use of energy efficient equipment, standard printer consumables and a three year on-site warranty, the C831 DM offers considerable savings for your day-to-day printing needs.

SEE IT CLEARER WITH OKI

Talking directly with your medical imaging equipment, the C831 DM presents many opportunities for printing high quality, non-diagnostic images in HD mono and colour on a wide range of media. The significantly reduced costs of printing using the C831 DM, compared with traditional DICOM printing technologies, allows medical establishments to change their approach to printing.

Imagine the possibilities; print MRI scans in colour, offer mothers-to-be A4 or A3 ultrasound scans or keep sharp and clear non-diagnostic images in patients' records, and all at a very low cost. In fact, the same cost of printing as standard office documents.

BENEFITS AT A GLANCE

- Fully integrated DICOM print server
- Up to 3 simultaneous imaging equipment connections
- Recommended usage Nuclear medicine, ultrasound, MRI/CT scans
- High quality non-diagnostic mono and colour printing of medical images
- No additional external hardware or software required
- Handles media from A6 to A3 wide 1200mm banners, from 64 to 256gsm
- Three year on-site warranty (product to be registered within 30 days of purchase)



PACSESS / VIDAR PRODUCTS









aycan store

VIDAR Film Digitizers

VIDAR Systems Corporation is a privately owned optical imaging technology manufacturing company that specializes in medical and life-science imaging products. It has been a leader in the optical imaging market for almost a quarter of a century. The company is a worldwide leading manufacturer of medical film digitizers that allow scanned radiographic films to be converted into the DICOM format. The resulting image can be transferred and stored with a PACS (Picture Archiving and Communication System), copied to external media or printed out via a conventional or DICOM printer.

VIDAR's newest products of the Advantage line have shattered world records in overall performance. With them, VIDAR achieved the highest reliability and image quality, unparalleded consistency, and better productivity than any other digitizer on the market.

on the market.

The next generation of the Advantage digitizers live up to their name and feature a number of technological advances that will increase their uptime, which in turn will increase productivity and revenues for our customers. With a Mean Time Between Failure (MTBF) rating exceeding 5,000 hours, a modular film feeder, and a field-replaceable LED illuminator system, the Advantage digitizers have become the most reliable digitizers on the market. The highest reliability, along with higher speed, superb image quality, and flexibility, are just a few of the new features. Several patent applications have been filed for the technical innovations used in these products that will undoubtedly set a new standard in the medical film digitizing industry. In addition to a higher level of image quality and consistency, the scanners source an increased speed of digitization. They digitize films two times faster than previous models and will process up to 25 mixed-sized films in batch mode, allowing for more productivity and greater efficiency. The scanners sport VIDAR's proprietary High Definition CCD (HD-CCD*) technology with significantly more sophisticated HD-CCD array and electronics design.

Moreover, the Advantage products provide ADC (Automatic Digitizer Calibration), a closed loop quality assurance (QA) system that calibrates the digitizer automatically before every film digitized.

ADC, combined with HD-CCD* imaging and LED lighting systems, allows the digitizers to provide excellent spatial and contrast resolution with virtually variation between digitized films, ensuring superb grayscale reproduction every scan.

- Dual use general radiography or mammography Clinical y proven image quality and consistency Clinical Optical Density Range: 5 to 4.0 Bit Depth: 32-bit mapped to 12-bit (4096) and 8-bit (256) grayscale
- output
 MTBE: >50,000 hour
 Auto Film Feeder: 25-films (mixed sized no presorting necessary)
 Light Source: LED illuminator; > 500,000 scans
 Geometric Accuracy: better than 1 percent or 2 pixels, whichever is
 greater, in both axes
- greater, in both axe Scan Rate: 200 In/s
- Hardware Interface: USB 2.0

TIMS DICOM conversion units are PC-based systems fitted with a very high-specification frame-grabber that enable users to connect to ANY imaging device and convert static or motion images to DICOM format.

The system can be incorporated within the hospital network and the resulting DICOM files sent to a PACS, recorded to CD/DVD/USB/network, and printed to film or paper. TIMS is available for a small fraction of the cost of a modality upgrade. For speech pathology and endoscopy, TIMS records the entire procedure and provides special features for the instant review and analysis of the studies.

TIMS can convert ANY medical modality to DICOM including fluoroscopy, angiography, ultrasound, endoscopy, C-arms, CT/MR, nuclear medicine, cardiac imaging devices, and much more. TIMS captures both static images and video at 30 frames per second, including high resolution video formats, such as 1024 x 1024 pixel resolution fluoroscopy.

Key Features:

- Image acquisition from any medical modality
 DICOM conversion
 Static & streaming capture
 High-resolution video capture
 Sync audio capture & review
 Capture of entire studies

- One-click DICOM send
- Record to CD/DVD/USB/network
 Printing via DICOM & conventional printers

A cost effective and powerful DICOM archive

With more than fifteen years of extensive experience in long-term archiving of medical image data, aycan offers aycan store, a scalable, high performance DICOM archiving and distribution system, which can be accessed on-site or optionally through our off-site data center. From simple to complex workflows in imaging centers, hospitals, and Teleradiology service companies, aycan store can improve the workflow in any environment.

Tailored to meet your needs

aycan's consulting team meets with you to develop a customized solution to fit into your current or future IT/PACS and RIS environment and workflow.

Vendor neutral for easy integration

aycan store is at home in any environment. It seamlessly integrates with RIS and other patient management systems. The Import Module assures reliable legacy data migration. And, its open architecture makes it compatible with most 3rd party vendors. Uncompromising DICOM compatibility aycan storesupports most Radiology compatibility standards, so it can seamlessly integrate into your current environment and with all your DICOM nodes. Once integrated, you'll stay in control of your data as it is all stored in a vendor neutral DICOM format.

Improved workflow and security

aycan store's unique features allow you to improve productivity without compromising security. Configuring aycan store's auto-routing feature will streamline your workflow by automatically transferring your DkCOM data to any desired location. And with industy-standard VPN encryption methods, aycan storekeeps your data traffic secure at all times. aycan also offers optional off-site data storage, so you can safely backup your data for disaster recovery and other applications.

Turnkey installation

aycan will thoroughly plan and prepare for the install before arriving on-site, so you are ensured of a smooth and timely installation.

Ready for the future

aycan store's RAID System is engineered for performance and scalability, so no matter how quickly your data grows, aycan storecan grow with you and provide the performance you need. With aycan store, there is no need to migrate your data when you are ready to expand. And with native JPEG-lossless compression, you get end-to-end speed, without the wait.

MEDICAL DISPLAYS

BEACON





Backlight stabilization system



Compliant with DICOM

standard

Professional protective



Built-in multiple display mode

Technical Specification

Model	G32SP+
Display	21.5"
Support color	16.7M
Resolution	1920x1080
Pixel Pitch	0.248x0.248mm
Brightness	250 ^{cd/m2} Typ.
Contrast	1000:1 Typ.
Angle view	178° Typ.
Response time	14ms Typ.
	DVI: DVI-D: 24 pin
	Display Port: 20 pin
Input signal interface	VGA: D-sub 15 pin
	Audio: 3.5mm stereo jack
	Speaker: 5W*2
Size	523(W)x376(H)x179(D)mm
Weight	6.0 kg
Standard mounting	VESA 100x100mm
Power supply	AC 100~240V/DC 12V
Power consumption	40 max.
Power saving	EPA, VESA
MTBF	> 50,000 hours

Support touch & electronic whiteboard

Application Area

- Outpatient
- service Sickroom
- Intensive care Clinical
- department Community medical service



21.5" Multi-function Clinical Display



BEVCON





Backlight stabilization

system (CQAS)



Ambient light adaptive system (ALAS)



QA software



Professional protective glass



Compliant with DICOM standard

Technical Specification

Model	G52SP+
Display	21.3"
Support color	4096 grayscale
Resolution	2560x2048
Pixel Pitch	0.165x0.165mm
Brightness	1200 ^{cd/m2} Typ.
Contrast	1200:1 Typ.
Angle view	170° Typ.
Response time	25ms Typ.
Input signal interface	DVI-D: 24 pin
	Display Port:20 pin
Size	398(W)x510~630(H)x235(D)mm
Weight	10.5 kg
Standard mounting	VESA 100x100mm
Power supply	DC 12V
Power consumption	47W max.
Power saving	EPA, VESA
MTBF	> 50,000 hours

G52SP+

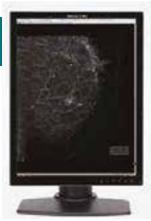
5 MP Grayscale Medical Display

Application Area

• Digital

Mammogrphy

• DR



BEVCON



Continuous quality assurance system (CQAS)



Backlight stabilization



Ambient light adaptive



QA software



Professional protective



Compliant with DICOM standard

Technical Specification

Model	C328P+
Display size	21.3*
Support rolor	1.07 6/6on
Resolution	3048x1536
Fixel Phdi	02915 x 9.2915rom
Brightness	800using Typ.
CoNtract	1400 1 Typ.
Angle of siew	1781 Typ.
Response time	20mx Typ.
Input signal interface	DVA-D: 34 pin DisplayPort: 20 pin
Size	3090V0x527-62T(H0x750/D)mm
Weight	9.7 kg
Standard Mounting	VESK 100v100mm
Power tapply	DC 12V
Power Consumption	60W max.
Power Serling	EPA, VESA
MTM	> 50,000 Yours

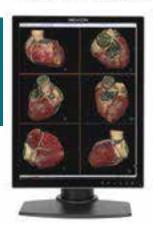
C32SP+
3MP Color Medical Display

Application Area

-CR/DR

-CT

-MRI
-PET/CT
-X-RAY
-DSI
-3D medical image
-Image fusion
-Nuclear medicine
-CAD



BEVCON



Continuous quality assurance system (CQAS)



Backlight stabilization



Ambient light adaptive system (ALAS)



QA software



Professional protective



Compliant with DICOM standard

Technical Specification

Model	G32SP+
Disp l ay	21.3"
Support color	4096 grayscale
Resolution	2048x1536
Pixel Pitch	0.2115x0.2115mm
Brightness	1700 ^{cd/m2} Typ.
Contrast	1400:1 Typ.
Angle view	176° Typ.
Response time	20ms Typ.
Input signal interface	DVI-D: 24 pin
	Display Port:20 pin
Size	369(W)x507~627(H)x235(D)mm
Weight	9.7 kg
Standard mounting	VESA 100x100mm
Power supply	DC 12V
Power consumption	37W max.
Power saving	EPA, VESA
В	h

G32SP+

3 MP Grayscale Medical Display

Application Area

• CR/DR

• CT

• MRI

• X-RAY

• DSA





aycan workstation OsiriX

IT power for multi slice reading



DICOM

- » DICOM Storage SCU/SCP
- » DICOM Query/Retrieve SCU
- » DICOM Print SCU with FilmComposer
- Import/Export various image formats (DICOM, JPG,

Image manipulation

- 3D Volume Renderina
- 4D Viewer for Cardiac-CT and other temporal series
- 5D Viewer for Cardiac-PET-CT and other temporal series
- Image Fusion with adjustable blending percentage
- MPR (Multi Planar Reconstruction) with Thick Slab
- Curved and Orthogonal MPR
- MIP (Maximum Intensity Projection)
- MinIP (Minimum Intensity Projection)
- DSA (Digital Subtraction Angiography)
- Segmentation, Bone Removal Tool
- Window/Level, Rotate, Mirror, Zoom, Pan
- Overlay Switch On or Off
- Display Length, Angle and Density
- ROIs: Polygons, Circles, Pencil, Rectangles, Points,
- CLUT (Color Look-Up Tables)
- User-specific filters

Organizational options

- Generating study based Reports
- Customizable Toolbars and various screen layouts
- Cutlines in Topograms/Pilots/Scouts
- Series synchronization and stack scrolling
- Export Data to Patients CD, including DICOMDIR
- Create manual or smart albums

Hardware Configuration

- RAM minimum 8GB (4 x 2GB) DDR2 ECC RAM (for larger DICOM stacks)
- Graphics card: NVIDIA GeForce 8800 GT 512MB (Two dual-link DVI)

Low cost, high speed Advanced Visualization

New generations of imaging modalities no longer acquire just a few hundred images per study – they acquire introducing aycan workstation OsiriX PRO, a high performance, cost effective and a highly functional workstation for conventional, multi-slice and other image reading.

Designed by radiologists for radiologists

The aycan workstation OsiriX PRO was developed by aycan leveraging outstanding open-source project OsiriX. It is simultaneously an advanced image processing tool and a DICOM PACS workstation. Its complete plug-in architecture allows for easy expansion of capabilities making it a highly versatile and efficient system for clinical needs.

Stable, versatile, compatible

Because the aycan workstation OsiriX PRO is built on Macintosh's operating system, it is extremely stable. Built for versatility, you can easily integrate aycan workstation OsiriX PRO into existing systems and network environments - or it can stand alone. Whichever way you choose, the workstation OsiriX PRO will be DICOM compatible with most of your existing equipment.

Exclusive innovative technique for 3D/4D/5D navigation aycan workstation OsiriX PRO has been specifically designed for navigation and visualization of multi-modality and multi-dimensional images: 2D and 3D, 4D (3D series with temporal dimension, for example: Cardiac-C T) and even 5D (3D series with temporal and functional dimensions, for example: Cardiac-PET-CT). The 3D Viewer others all modern rendering modes: Multi-planar reconstruction (MPR), Volume Rendering and Maximum Intensity Projection (MIP). All these modes support 4D data and are able to produce image fusion between two different series (for example: PET-CT).

Ultra fast performance system that is easy to use

With very fast upload times of images the 'waiting time' for radiologists is shortened significantly. You'll also pick up speed because the aycan workstation OsiriX PRO has an intuitive interactive user interface and a 30 inch wide, high-resolution monitor which allows for less eye disruption than with other systems using multiple monitors.



CD PUBLISHERS







aycan myCD is a versatile digital media publisher solution for clinics, hospitals and imaging centres. The user can easily burn patient CDs just sending the DICOM images to aycan myCD. The software will automatically burn the single study CD, easy and fast. The authorised users can burn multiple studies of a single patient or multiple studies of multiple patients in a CD/DVD with a simple and easy web based interface. The produced media is intended as a handout to patients only and not for diagnostic or therapeutic use.

Supporting the leading CD, DVD hardware (Epson, Rimage, Primera, Bravo), aycan myCD reduces the cost of film distribution, improves operational workflow and provides a highly professional product that improves patients services.

aycan myCD's workflow and burned content is fully compliant with IHE PDI requirements and produces a standard DICOM 3.0 part 10 formatted media. The studies can be sent from multiple DICOM sources including modalities.

The media contains DICOM compliant images in a DICOMDIR hierarchy, aycan myCD supports the printing of custom designed media labels, which can automatically include the patient and study information from the DICOM header of the images.

aycan myCD features:

- Easy to install
- Full automated process
- Independent on media producer, tested with Espon, Rimage, Primera, Bravo
- Store and burn single patient study
- Query and manage production process
- Query and Retrieve for custom media
- DICOMDIR directory hierarchy
- Studies provided in HTML/JPEG format
- Supports spanning of multiple media for large studies
- Single patient, multiple study & multiple patient, multiple study media creation





DICOM EDITION



Intuitive WEB interface

Manage your patient CD and archiving jobs using an intuitive touch screen monitor or any web browser in your network.

Features & Benefits

- Query/Retrieve archived studies
- Off-line archiving to DVD/BD
- Upload Dicom CDs to PACS
- Retrieve images from PACS
- **Easy operation**
- WEB based and touch screen intuitive user interfaces
- Advanced customization Print templates & workflow
- Dicom & IHE PDI compliant
- **Anonymization**
- Add reports from RIS to CD Dicom Structured Reports HL7, HTML, C-Find, Database, UNC
- Use any Dicom viewer
- Multilingual English, Spanish, Brazilian Portuguese, French, German, Russian, Chinese & Dutch



Automated CD/DVD/BD recording, printing and reading thanks to the state-of-art Rimage production robots

www.perennitysoft.com



All-in-One solution

Perennity Dicom offers a turnkey solution for the medical industry to output examination data from any DICOM compliant modality or PACS to CD, DVD and BluRay. It substantially reduces production costs compared to traditional film. Any Dicom Viewer can be added to the disc to display and manipulate the Dicom images.

Once processed, you may decide to keep all Dicom images for archiving purposes. Images can be stored on large capacity RAID systems or long term archive storage solutions (e.g. Fast-LTA Silent Cube). You will be able to query and retrieve studies stored in the Perennity archive using any Dicom workstation searching by patient, study, ...

Patient CD production

Perennity uses CD/DVD autoloaders (robots) to automate the production, and at the same time personalize the media with a custom label. Any information can be printed on top of the CD/DVD: patient name and identifier, date and time, list of studies, etc. Of course you can also add logos and pictures to the printout, or even thumbnails of included images.

Dicom Image Archiving

Perennity can also be used as an archiving solution for Dicom images. It will act as a Store and Query/Retrieve SCP. Furthermore, an off-line backup to DVD or BluRay can be optionally performed for long term secure archiving.

Perennity extracts all relevant metadata (patient and study information) from the processed Dicom images and stores these in a database (MySQL or MS SQL Server). Up to five custom fields (Dicom tags) can be defined for extraction and printing.

Automated operation

Perennity interfaces with all CD/DVD autoloaders from Rimage, the leading manufacturer in CD/DVD/BD production solutions for the medical industry. Rimage offers a complete range of robots, meeting any requirements in terms of throughput and print quality. A choice is offered from several printing technologies: thermal printing for a highly professional indelible print quality, or inkjet for less demanding applications. Rimage systems based on the Prism thermal printer also offer the possibility of personalizing preprinted discs, thereby dramatically reducing operational costs.

Intuitive WEB interface

Our web-based graphical interface is extremely user friendly. It is accessible from any web browser in your network and has been designed to be used with a touch screen monitor.

Limited investment

Perennity Dicom edition is one of the most affordable solutions of its kind available in the market today. It offers all the functionality - Patient CD, Image Archiving & Upload - of competing products at just a fraction of the cost.

100% Dicom compliant

- Store and Query/Retrieve SCP
- Query/Retrieve SCU from existing PACS
- Fully compliant Dicom/IHE PDI Patient CDs
- Support of Dicom Structured Reports

Use any "Dicom Viewer"

Perennity works with almost all Dicom viewers. We offer IQ-View Lite as an option. You may add any other Dicom application(s) to each CD/DVD. You may also configure the Dicom viewer to autorun when inserting the disk in a CD/DVD reader.





EMBEDDED DICOM WEB VIEWER













Review, Transfer, Share & Protect your Medical Images

■ APPLIANCE
 ■ EMBEDDED
 ■ ENTERPRISE
 ■ WINDOWS/MAC CLIENT



All-in-One for Medical Imaging

Transfer images between institutions

Securely exchange studies between Imaging & Diagnostic centers, clinics, hospitals and radiologists. No VPN or cloud services required.



Review studies using any WEB browser

The AccessBox embeds a full-featured DICOM WEB viewer. Review your images using Windows, MAC, Linux, iOS and Android.



Local Storage/Archive

Use the AccessBox as a genuine DICOM server to store, query & retrieve your DICOM images and reports.



Protect your images

Replicate your studies and extend the storage capacity of the AccessBox using any local NAS or any cloud repository.



Benefits

Institutions

- Easily share studies between hopsitals, clinics and imaging & diagnostic centers
- Dispatch studies to Radiologists outside of the facility for diagnostic purpose
- Archive images to secure internal/external/cloudbased Data Center
- Works with limited bandwidth and even unstable Internet connection

Patients

- Faster diagnostics
- Access to reports & images
- Download original images for secondary diagnostics
- Economical

Radiologists

- Quickly access studies from anywhere, anytime
- Easily collect studies from imaging center for diagnostic
- lacktriangle Send report using any application
- Publish studies to Web Portal for Referring Physicians and Patients
- No IT expertise needed
- Available as software portable client for Window & Mac

Physicians

- Get instant access to images and reports of their patients
- Email notification when study is available for review
- Securely access images from any computer, tablet or smartphone

Four versions to meet your needs

Standalone



Out-of-the-box appliance Preconfigured 1TB integrated hard drive Extendable using any NAS Up to 5 nodes

Embedded



Hosted on Synology NAS Embedded RAID High storage capacity Highly expandable Up to 20 nodes

Enterprise



Hosted on MS Windows Server 2012/2016 iMAGE Portal included Unlimited storage capacity Unlimited number of nodes

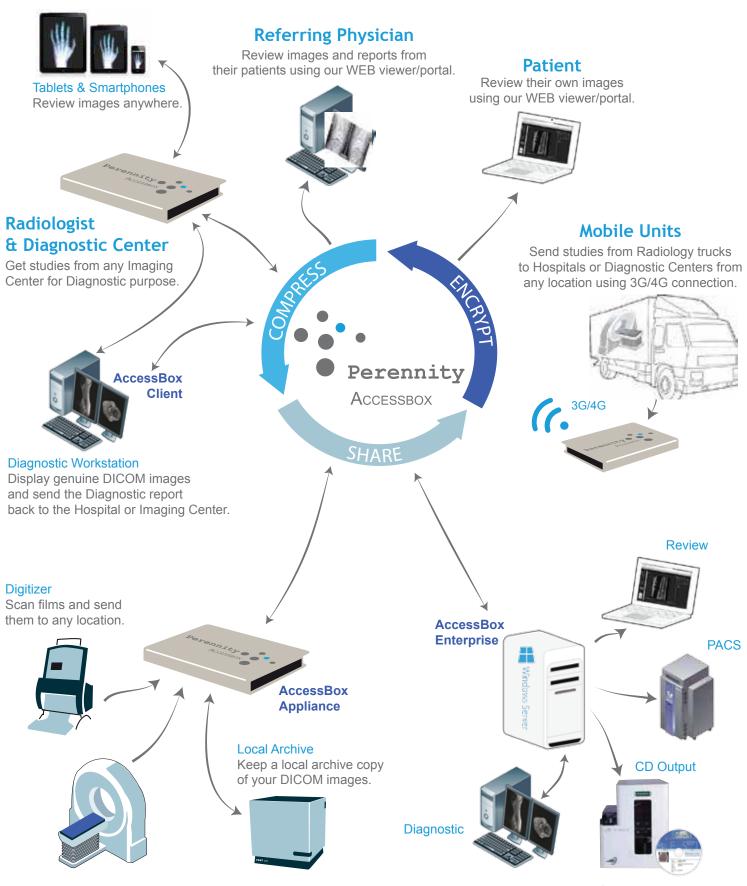
Client



Software plug-in Windows or Mac Send/Receive images with your workstation to/from any AccessBox



The AccessBox optimizes Patient Data Exchange and Archiving



Imaging Center

Send studies to Hospitals or Diagnostic Centers and get the report back.

Hospital

Get images from Imaging centers, archive them to the local PACS & diagnose or review the studies.

MASKS & THERMOMETERS









- Small-sized health care respirator and surgical mask
- NIOSH Approved: N95
- FDA Cleared for use as surgical mask
- Helps protect against certain airborne biological particles This small-sized health care particulate respirator and surgical mask helps provide respiratory protection against certain airborne biological particles. It is disposable and fluid resistant to splash and spatter of blood and other infectious material.

These single-use 3-Ply Surgical Face Masks are made up of two layers of non-woven fabric, with an additional layer added in the middle to filter >95% of bacteria, dust, smoke, and pollen (BFE 98-99% & PFE 95-96%). This product features a soft, odourless, and non-irritating design that allows for good ventilation with a secure but comfortable fit. The surgical face masks are sealed in sterile packaging.

Made of high quality dual ply fabric, these face masks are auto-clave safe and machine washable for everyday use. Sustainably-made with upcycled fabric. These masks are also reusable.

BCKT3 MEDICAL GRADE INFRARED THERMOMETER BEARE

- Non-contact measuring 5 15cm
- Fast and easy
- One key measuring
- Smart detector 0.5s measuring time
- Ergonomic handle design
- LCD display and fever alarm
- Transport & storage: temperature-20 -55 relative temperature
- Atmospheric pressure: 70kpa-106kpa
- Indicating unit resolution: 0.1
- Accuracy (Body temperature mode): 35.0 -42.0 within range ± 0.2
- : 35.0 42.0 out of range ± 0.3
- Measuring range (Body temperature mode) 32.0 -42.9
- Operating temperature: 0 -40
- Operating humidity: ≤80%
- Power supply: DC9V battery

SANITIZERS



Trade Name HanSan X Chemical Description Hand Sanitizer Volumetric Size 250 ml Chemical Family Hazchem Code I[T]

250ml 500ml



Pure Launch Vehicle Sanitizer

Ethanol 99.9%
Sodium Benziate
Propylene Glycol
D-Limonene
Glycerine
Propane
Butane

120 ml

SPECIALIZED MEDICAL PAPER





ColoTech 120gsm A3 250sheets/500sheets

ColoTech 120gsm A4 250sheets/500sheets

CONSUMABLES & DAY-DAY



SMART COPY 80gsm A4

We also supply consumables such as toners and cartridges for various printer models.





EXCEPTIONAL IT SOLUTIONS

Office: 010 595 1195 Fax2Email: 086 605 0832

Mobile: (+27) 83-225-0080 Email: info@horsepower.co.za