

APEX
X-ray Acquisition Workstation

Digital X-ray Solutions by Control-X Medical



Control-X Medical's APEX X-ray Acquisition Workstation is *THE* definitive solution for today's digital x-ray marketplace.

Combine APEX with our renowned Perform-X HF System Series for a complete digital system backed by over 20 years of expertise and proven reliability.



Digital Imaging for the Future

APEX

X-ray Acquisition Workstation

All the benefits of digital radiography (DR) are now available with the **APEX X-ray Acquisition Workstation** - an affordable digital x-ray solution from Control-X Medical. Packaged with digital flat panel technology and integrated with the Perform-X HF System series, **APEX** includes everything one would expect from Control-X Medical - Hospital Grade quality and a wide variety of configurations backed by excellent customer service.

ADVANCED FLAT PANEL TECHNOLOGY

Cesium-iodide (CsI), thin-film transistor (TFT) technology and unique image enhancement functions assure exceptional images and consistent clarity.

HIGH QUALITY IMAGES

Brilliant images appear on the **APEX** workstation screen within seconds without handling cassettes or film. With state-of-the-art software packages, your images can be enhanced, manipulated and then sent anywhere in the world with advanced networking capabilities.

SAVE MONEY AND SPACE

The costs for film, chemicals and processor maintenance will be removed resulting in hard-cost savings. Instead of devoting valuable office space to extensive film archives and files, images will be stored electronically in a secure manner.

INCREASED EFFICIENCY

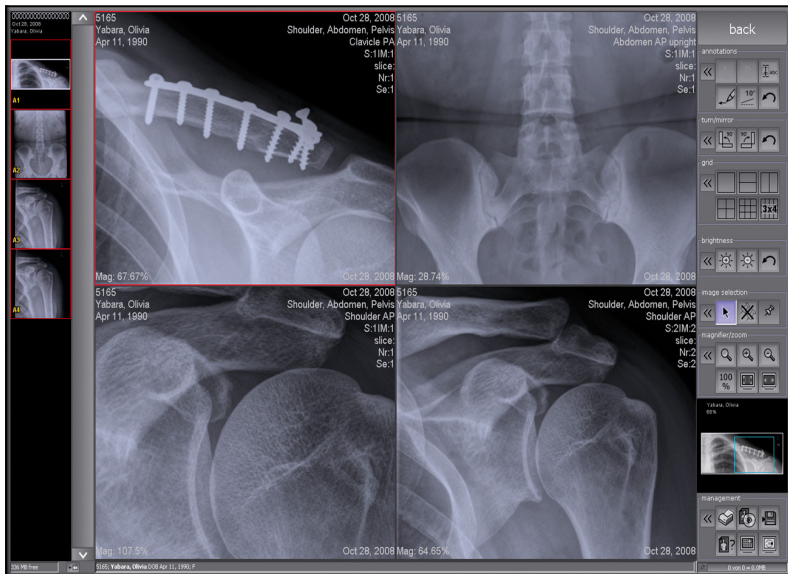
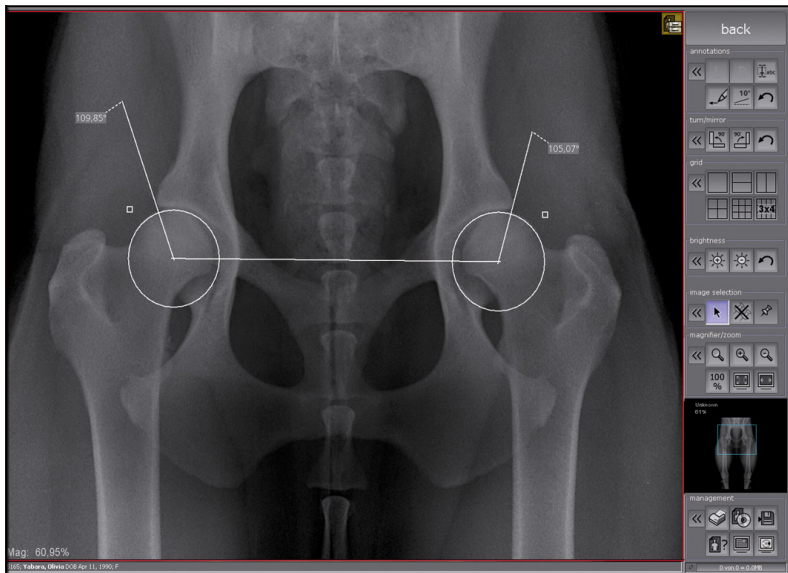
Giving practitioners the ability to access patient files quickly on a user-friendly network instead of searching for film and hard copies of documents will increase staff efficiency, which means you will be able to see more patients each day.

DECREASED RADIATION EXPOSURE

Fewer retakes and minimal exposures will decrease radiation dosages to staff and patients, resulting in a safer workplace.

PATIENT SATISFACTION

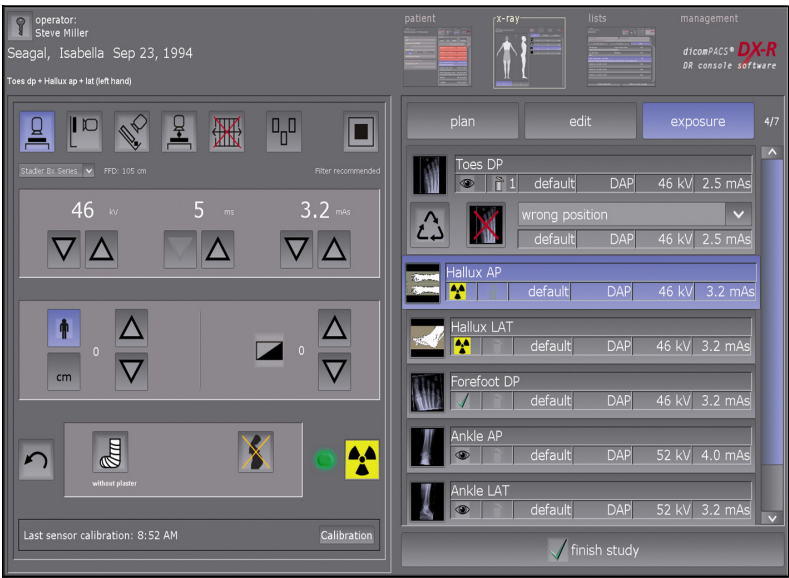
Patients will appreciate shorter exposure times and the ability to view images almost instantly. Additionally, patients can have full access to their own x-rays by simply copying images onto a CD/DVD or sending attachments in a quick email.





SECURITY

Well-designed archive and backup solutions provide peace of mind. Your images will be there when you need them. The highest standards are applied for the security of patients and practitioners.



ENHANCING YOUR IMAGE

Images can be enlarged, brightened, darkened and the contrast adjusted to bring the best out of your images. Soft tissue can be viewed easily with simple adjustments to dark/light variations.

GOING GREEN AND CLEAN

Chemicals used in analog radiography can be damaging to the environment and to people. Eliminating such chemicals is a smart move for everyone. **APEX** is a clean x-ray solution that does not produce any byproducts.

EASY ACCESS - ANYWHERE

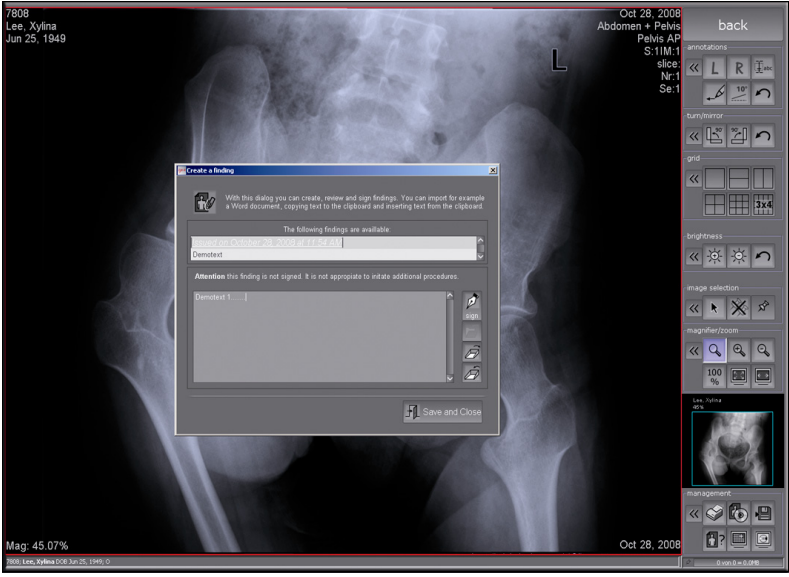
The **APEX** DICOM/PACS software allows access to images in their original quality. Images can be viewed on remote workstations wherever the internet is accessible. All that is required is a simple software installation and, in some cases, a modest increase in computer capacity.

WORLDWIDE INTERACTIVITY

More hospitals and private practices are being connected to referring clinician networks. Communicate with referring clinicians instantly, anywhere in the world, to obtain opinions and diagnoses.

CONVENIENCE AND PORTABILITY

CD/DVD burning, chemical-free film processing and high definition printing each allow for greater image portability.



VERSATILITY

All standard interfaces are supported, including HL7 and DICOM. Numerous other interfaces may operate with **APEX** as well.

MEETING YOUR SPECIFIC NEEDS

Each **APEX** System is built to meet unique, individual needs. Tell us about the system capabilities you require and we will build a system just for you. If you are unsure where to begin, just ask us. Control-X Medical is here to help.

DIGITAL FLAT PANEL AND WORKSTATION SPECIFICATIONS:

- Sensor Type: Cesium-iodide (CsI) with thin-film transistor (TFT) technology.
- Resolution: 9.44 mega pixel (3,072 x 3,072 pixels)
- Pixel Pitch: 143 μm^2
- Data Acquisition Time: Approx. 3.5 seconds
- Active Pixel Area: 17" x 17" (43.9 x 43.9cm)
- Ultra-High Definition Images
- Image enhancement function eliminates most digital image noise interference.
- Physical Dimensions of Panel: 19.7" x 19.5" x 1.7" (50 x 49.6 x 4.4cm)
- Weight of Panel: 13.5 kg
- Workstation equipped with 22" high-resolution touchscreen monitor and CPU.
- Software is fully integrated with generator allowing for complete functionality at the workstation.

APEX X-RAY ACQUISITION WORKSTATION AND SYSTEM OPTIONS:

Since 1990, customized x-ray system solutions have been our specialty. Control-X Medical offers a wide variety of system configurations to meet your specific needs. We offer complete, new DR systems with one or two digital flat panel receptors. If you have a system in need of a digital upgrade, **APEX** retrofit options are available.

APEX X-ray Acquisition Workstations are bundled with advanced software to deliver the best possible images. Whether your practice is large or small, we have a system to help you improve workflow and eliminate the costly chemical disposal, film and overall waste associated with analog radiography.

APEX is configured to operate with our Perform-X HF Systems. Choose from a comprehensive selection of generators, x-ray tubes and collimator combinations along with Hospital Grade radiographic tables, tube stands and receptor stands. As always, Control-X Medical strives to provide the best system for you - the consumer. We will always do our best to provide affordable, high quality imaging solutions to match your needs.

Our customer-centric philosophy and commitment to quality remain the hallmarks of our company. Whether you are ready to add DR now or in the future, Control-X Medical's worldwide distributor network stands ready to assist you.

Control-X Medical - Digital Imaging for the Future

Specifications subject to change without notice.



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