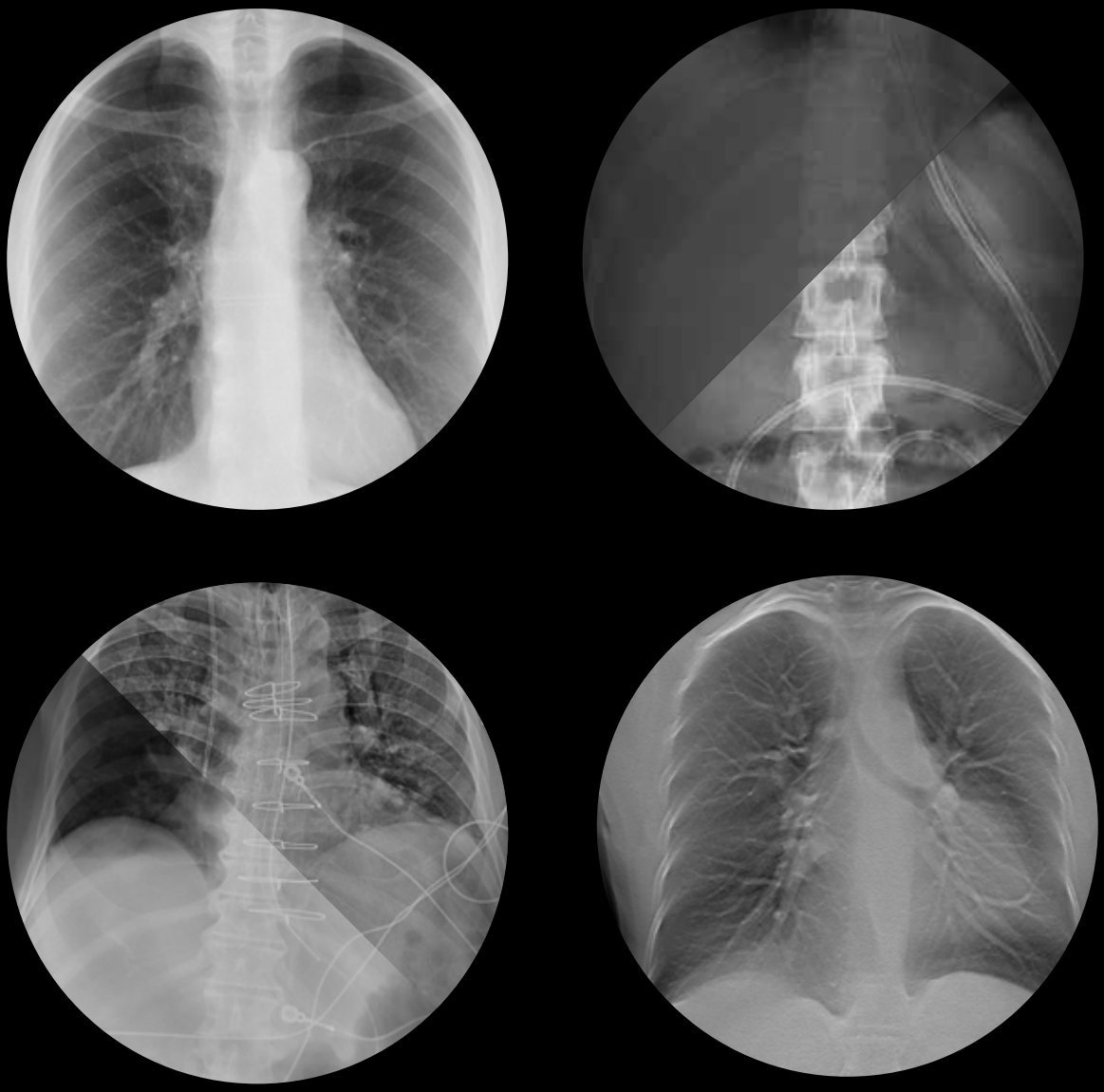
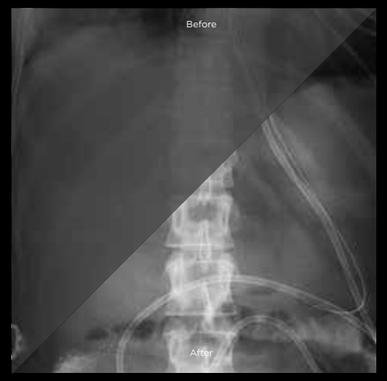
Canon



CXDI Control Software NE
CXDI Controller RF Software

Secure, intuitive, efficient workflow and comprehensive image processing for static and dynamic imaging

Intuitive interface
Canon's intuitive 'CXDI-NE/RF' Graphical User Interface (GUI) can be used for all types of digital radiography modality and this commonality of GUI across the entire DR product range is a major advantage when it comes to speed of operator training, user confidence, convenience and familiarity. Canon CXDI-NE/RF software configuration options ensure a GUI that is always right for you. Comprehensive image processing including 'Scatter Correction' and 'One Shot Long-Length' imaging options guarantee optimised image quality with the lowest possible dose; the industry standard DICOM 3.0 interface ensures multi-vendor and cross-platform connectivity in any situation.



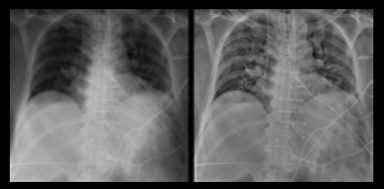
Scatter Correction (optional)
Canon's Scatter Correction reduces the effect of scattered radiation for non-grid bedside examinations, allowing you to obtain images with outstanding contrast while avoiding the grid handling and improve your workflow
Benefits:

- Significantly lower X-ray dose compared to imaging with a grid*
- Superior image contrast without the need for a grid
- Improved workflow: no need to carry, fit, position and remove a grid
- Enhanced efficiency: no repeat exposures due to grid misalignments and resulting artefacts
- Potential to improve patient comfort in bed examinations as the imaging receptor is thinner without a grid fitted

*Confirmed result after testing Canon Scatter Correction at Linköping University Hospital, Sweden

One Shot Long-Length (optional)
One Shot Long-Length exams enhance efficiency compared to conventional stitch exams; shorter examination time, lower risk on patient movement, reduced dose and increased image quality.
Expected benefits:

- Patient positioning stand with motorised height adjustment
- Fixed installation or mobile for convenient relocation
- Large, ergonomic grip rails for confident patient positioning
- Optional grid
- Ability to use 3 existing detectors for cost-effective one shot Long-Length imaging
- Versatile configuration; use either 3 x CXDI-710CW or 3 x CXDI-410CW wireless detectors



Advanced Edge Enhancement (optional for static imaging)
Improved visualization of tubes, lines and bone details. The software has three different image processing algorithms (small structures, bone detail and catheter setting):

- Automatic copy of the image acquired, allows various views on the same acquisition

CXDI Control Software NE / Controller RF
CXDI Control Software NE / Controller RF is made exclusively for use with Canon Digital Radiography systems. This software helps to optimise workflow and reduce the steps needed to complete exams. It provides quick image confirmation and timely network distribution, supports multiple study acquisition, can easily be tailored to individual clinical preferences and helps provide the delivery of consistent, high-resolution images with the Canon CXDI Digital Radiography systems. In addition, this proprietary software solution is Integrating the Healthcare Enterprise (IHE) compliant and has features that can help practitioners with their HIPAA compliance efforts.

Main features:

- Real-time viewing of high quality images
- Large high-resolution monitor for comfortable viewing
- Optimised workflow with less operation steps
- Interactive GUI for intuitive operation
- Supports various workflows to match local requirements
- Single and Prepacked Protocols
- Emergency study capability
- Suspend Exam
- Reject Analysis
- Automatic forwarding rejected images to a designated analysis workstation
- Automatic Image stitching (static FPD)

Optimises your workflow
Protocol planning with the right sequence of the positions in the study.
Instant display of the image taken in high resolution within one second.
Comfortable viewing on large screen with overview and less operation steps.

Designed to enhance image quality
Provides wide range of the algorithm and dynamic formatting before saving.
Enables significant dose reductions through optimising image processing parameters.

Adaptive to your local standards
Is giving you the tailored preset that you require, is adaptable to any local language needs, preference or taste of imaging, accommodating standard or unique protocols such as trauma protocol and protocols for paediatric imaging.

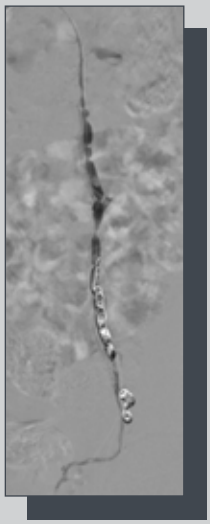
Flexible and Secure
The Canon NE software is outstanding in communication with X-ray generator and brilliant in the non-synchronised mode.

Additional functionality CXDI Controller RF software

Tomosynthesis (optional for CXDI Controller RF software)

Performing high-resolution limited-angle tomography at radiation dose levels comparable with traditional projection radiography:

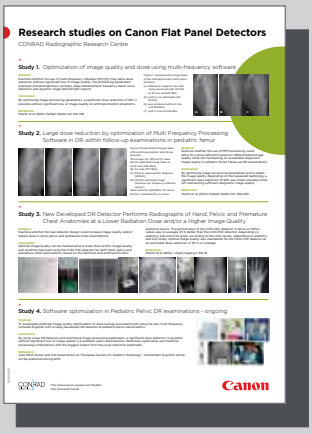
- For imaging of lung nodules or lung tissue that is partly obscured by ribs, heart or other structures
- For arthritic changes in extremities
- Extreme/ complex fracture imaging
- For localization Brachytherapy seeds



DSA (optional for CXDI Controller RF software)

Digital subtraction angiography (DSA) is a fluoroscopy technique used in interventional radiology to clearly visualize blood vessels in a bony or dense soft tissue environment:

- Basic functionality like road mapping is supported DSA technology on your digital radiography modality.



Enabling significant dose reductions

Canon's NE / RF Control Software enables significant dose reductions. Through a wide range of algorithms for dynamic formatting before saving, it optimises the images with intelligent image processing parameters, as confirmed by various clinical evaluation studies conducted in Europe. CONRAD Radiographic Research Center in Denmark, proved with our static FPD that by optimising image processing parameters and adapting the image quality depending on the requested pathology a significant dose reduction has been achieved while still maintaining sufficient diagnostic image quality. Read the conclusions of the specific reports in the dedicated leaflet.

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