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DelftDI
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Overview Brochure 2025

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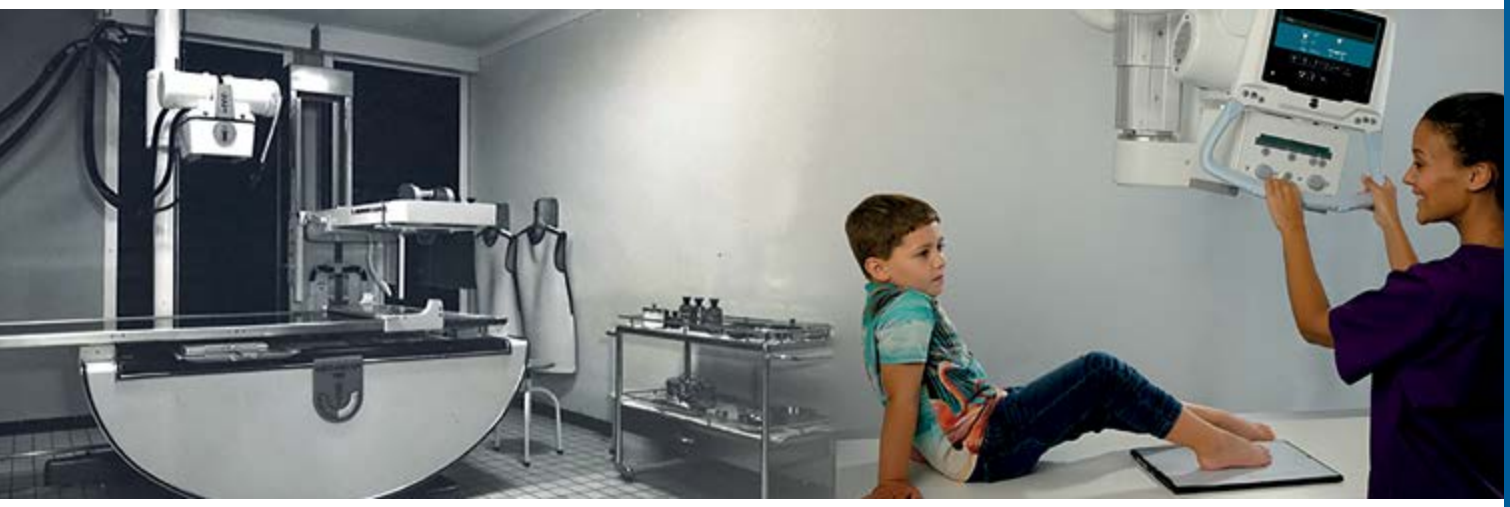
Medical Solutions

Content

With more than 75 years experience in medical solutions, we continue to grow even more and provide our end users with a care free usage of our products.



Our constant innovation is what makes Oldelft Benelux the ideal partner. We offer a total product range when it comes to x-ray devices, IT solutions and imaging.

Oldelft Benelux - a solid partner for a healthy future.

At Oldelft Benelux we help our healthcare industry to innovate and add value to our products.
How do we do that?
Our healthcare is digitizing and innovating day by day. The Oldelft Benelux product range grows with our healthcare, because of our close connection with our end users.

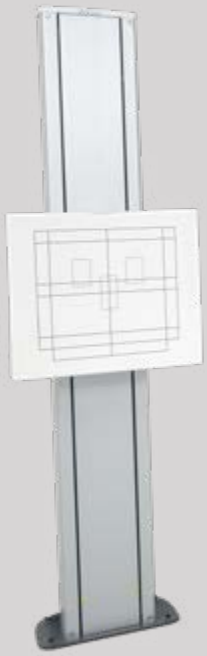
Our product portfolio contains a total solution for our end users.

Aceso

Versatile solution for all radiographic applications
The Aceso is a general trauma and radiography system meeting all current safety guidelines and regulations. Aceso combines a new lightweight ceiling suspended X-ray tube support, a 6-way patient table, a patient wall-stand and high frequency X-ray generator with the latest DR technology from Canon - and includes a large touchscreen user-interface and info-display at the tube head.

This easy to use system incorporates both manual and motorised movements. The ceiling X-ray tube support benefits from motor-assisted vertical movements and vertical auto-tracking to the Wall Stand and Table heights for added convenience.
Motorised height adjustment of the table is combined with smooth floating table top movements for quick and efficient patient positioning.

The Aceso is an extremely simple to use and intuitive radiography system designed for general purpose radiography where it is well suited to both in- and outpatient imaging as well as for the demands of accident and emergency imaging. The system is delivered fully-tested and ready for a plug-in installation allowing for quick installation into a suitably prepared X-ray room.
It includes a fully integrated Canon DR system for instant film- and digitizer-free imaging and best in class image quality.



Key Features
- Optimised workflow for medium volume patient throughput
- High efficiency with RIS integrated workflow
- Lightweight manual Alpha, Beta, X and Y movement
- Motorised Z-movement
- Smart Chest and Table tracking
- Floating tabletop
- Acquisition station with large DICOM calibrated touchscreen display
- Canon NE acquisition software with generator integration
- Possibility to install in low ceiling X-ray rooms
- Optional stitching

Aceso+

High-end solution for all radiographic applications
Aceso+ represents the ultimate combination of auto-positioning technology with ergonomic design. The result is an advanced digital radiography system that creates a comfortable and efficient working environment and maximises patient throughput.

Aceso+ also features automatic image stitching for exceptional convenience and image quality in studies such as full spine and long leg imaging. Manual system handling, and therefore user strain, is almost eliminated as all X-ray system positioning components are motorised.
An extended range of movements ensures that all positioning requirements are easily met.

A touchscreen information display integrated on the X-ray tube support allows access to, and the ability to amend on the fly, a variety of examination information such as:
- Patient information (with on/off display capability)
- Study Name
- Generator Exposure Parameters (amendable)
- Automatic Exposure Control (amendable)
- X-ray Tube Tracking selections
- Image Stitching selections
- Post-exposure Image display (with on/off display capability)

The Aceso+ tubehead display allows users to work in the way they find most convenient and efficient. The positioning components offer the most extensive auto positioning system currently available. It's fast, accurate and very versatile and the process can be RIS-controlled or fully user-defined. You have the freedom to decide; you're always comfortably in control with Aceso +.

Key Features
- Optimised workflow for high volume patient throughput
- High efficiency with RIS integrated workflow
- Smart Automatic Positioning
- Fully Automatic Image Stitching
- Advanced 6-way Patient Table with motorised adjustment and motorised detector tracking
- Acquisition workstation with large DICOM-calibrated touchscreen display
- Canon CXDI-NE Image Acquisition, Management and Distribution software with X-ray generator integration
- Choice from the most extensive range of Flat Panel Detectors available made by Canon - the name you can trust
- 125µm detector pixel pitch for highest resolution imaging
- High sensitivity detector scintillator for lowest patient X-ray dose and shortest exposure times
- Sophisticated image processing for optimised diagnostic presentation
- Share Detectors between different modalities

Adora DRi

Inspired by users, the Adora DRi offers the ideal way to boost productivity and improve health care delivery. It provides versatile, fast and accurate digital DR imaging from every examination angle imaginable - surprisingly simple to use and easy to maintain clean and hygienic. It improves the working environment for staff and prioritises patient comfort and care.

Manual handling is reduced to a minimum: inMotion auto-positioning enables automatic operation with smooth, power-assisted movements and direct positioning of the detector and tube, even for complex DR examinations. Up to 999 APR auto-positions, including all examination parameters, can be programmed using the anatomical DR programme selection

The ergonomic SmartHandle joystick enables hands-on, power-assisted positioning in all three dimensions. Built in inTouch technology ensures seamless and safe operation of all joysticks by lighting up at the base when activated by the touch of a finger. It can be activated any time for manual operation, e.g. minor adjustments of pre-set auto-positions.

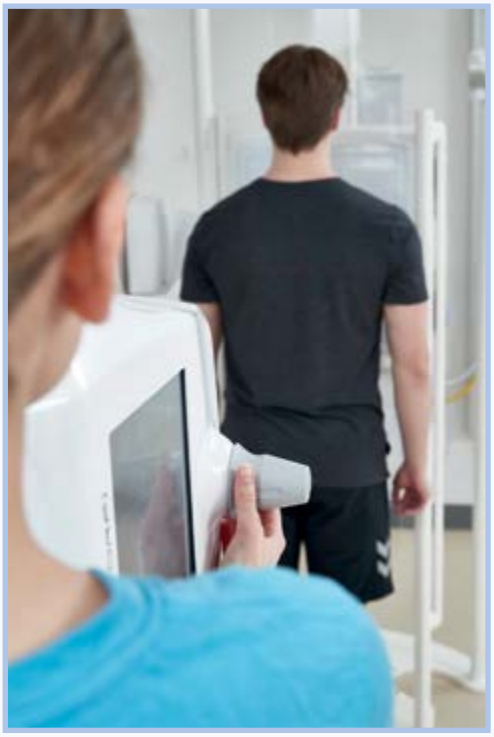
A large 12" floating tube touch screen – which displays and controls the SmartHandle movements tilts to keep text horizontal to the user at all times. Short and simple menus and self-explanatory icons guide the user through the DR process, from positioning, through collimation to generator control.

The durable carbon fibre patient table with a floating top and 340° rotation around the base ensures easy access around the table for patients as well as wheelchairs, stretchers and beds even in small rooms.

The tube and detector are suspended in one ceiling unit, rotating around its centre suspension axis. The two telescopic arms supporting the tube and detectorcan be positioned individually. This facilitates lateral projections from each side of the table - enabling both right and left axial hip imaging, without repositioning the patient.

Images can be previewed immediately after exposure, and a fast refresh cycle allows for the next exposure to be made almost instantly. Upon approval, images can be selected and sent straight to the hospital PACS system. The Adora system is DICOM compatible, HIS/RIS ready and integrates seamlessly into hospital information systems.

Adora DRi



Key Features Unique versatility

- PositionAnywhere, i.e. imagine any projection and perform it, and save it as an auto-position for future use
- 999 programmable APR's and auto-positions
- Enables patella skyline examinations, straight and oblique projections without manual detector handling
- Motorized detector/tube positioning
- Single-side suspended table, max. 250 kg patient weight
- 340° rotating table for max. flexibility even in small rooms make space for wheel chairs and bedside examinations
- AccessAnywhere, provides easy patient access all around the table and optimal cleaning conditions

State-of-the-art ergonomics

- Designed to minimize stress on staff and maximise patient comfort
- One-touch, stress-free DR with minimum manual handling
- Automatic, smooth, low-noise motorised movements
- SmartHandle with inTouch technology and light indicator for direct and intuitive manual control & adjustments
- 12" floating touch screen user interface remains horizontal to the user regardless of tube rotation
- Configurable inlight in equipment ceiling dims when the collimator light is activated

Advanced Canon technology

- Extensive portfolio of Canon CXDI Flat Panel detectors
- Docked in Adora detector dock and/or wireless, portable
- High resolution; 125 µm pixel pitch
- Best performance in workflow, sensitivity, image quality and versatility
- Light weight and robust
- Wireless detectors can be shared across rooms and modalities

Adora DRFi

A hybrid solution inspired by you

The Adora DRFi is a versatile and cost-effective solution for multi-purpose examination rooms. It combines static X-ray radiography with serial imaging and low dose fluoroscopic capabilities, and enables an unprecedented level of flexibility and capacity utilization. Examinations traditionally made on separate equipment – DR and RF – can be made on one system, and the hybrid imaging solution facilitates new examination procedures.

Examples of direct benefits are efficiency gains such as improved workflow, shorter and more efficient examination cycles, higher patient throughput, and more efficient allocation of staff and equipment. Manage more with less. Less effort, less resources and, depending on future requirements: fewer examination rooms.

Efficient examination cycles translates into enhanced patient comfort and improved diagnostic quality, and staff benefits from reduced stress and physical strain in one-room-exams using a system, that in all aspects is easy and straightforward to use, and is designed to minimize heavy work.

Adora DRFi offers all the operational advantages of the Adora DRi qua design (see separate product sheet) and adds functionality specifically required for RF and fluoroscopy. With FluoroAnywhere, fluoroscopy examinations can be performed at the table, in beds and wheelchairs or free-standing in the room.

Complete remote control of the Adora DRFi is possible from the control room using an ergonomic remote, InTouch enabled joystick and the remote user interface, conveniently accessible from the same monitor that runs the generator UI.
A live monitor and exposure foot switch assist in-room, table-side examinations; and with the inControl console the radiologist gains complete control of the system from within the room.
The Canon CXDI Control Software RF provides smooth acquisition of both radiographic and fluoroscopic images. It is designed to be intuitive and easy to use, and offers advanced image processing showing the subtle details of bone structure and soft tissue.
The Adora DRFi system is DICOM compatible, HIS/RIS ready and integrates seamlessly into hospital information systems.

Adora DRFi

Unique versatility and ergonomics

- Position Anywhere, i.e. imagine a projection, perform it and save it as an auto-position for future use
- Save up to 999 APR autopositions; execute using the inMotion positioning technology
- FluoroAnywhere for max. flexibility in fluoroscopy examinations
- Enable unique lateral projections, and e.g. patella skyline without manual detector handling
- Motorised detector/tube positioning; easy handling
- Single-side suspended table, max. 250 kg patient weight
- 340° rotating table for max. flexibility even in small rooms - make room for wheel chairs and bedside examinations
- AccessAnywhere provides easy patient access all around the table and optimum cleaning conditions

Advanced Canon technology

- Canon CXDI-B1 in detector dock; wired, portable
- 42 x 43 cm effective imaging area
- Fluoroscopy & serial imaging from docked position only
- Add wireless portable Canon CXDI Flat Panel detectors.
- Outstanding performance in workflow, sensitivity, image quality and versatility
- Light weight and robust
- Wireless detectors can be shared across rooms and modalities

Added RF capabilities

- Complete in-room system control from any position using the inControl console
- In-room monitor and foot switch for e.g. table side examinations
- Supports a wide array of RF examinations: Arthrography, Pyelogram, Cystogram/Retrograde Urethrogram, Oesophagram/Barium Meal (standing), Nephrostomy catheter insertion, Small bowel follow through, Sialogram/fistulograpy, Cholangiogram (no DSA), Myelography (contrast agent injection), Positioning fluoroscopy, and more.
- Up to 30 frames/sec. in fluoroscopy mode
- Multi-frame radiographic imaging at up to 15 frames/sec.

Compass DR

This Floor mounted Bucky System

Compass DR provides a comprehensive solution for use in small clinics as well as small X-ray rooms, it includes a heightadjustable Bucky table with an integrated Tube column and wall stand. It is easy to manage imaging on standing, seated, or recumbent patients. Even lateral imaging can be done easily. The height adjustable Bucky table makes it easy for patients to get on and off and provides an optimized working height for the user. A bearing load of up to 320 kg
enables examination of large patients. The in longitudinal movable table detector holder and Tube stand, in combination with the floating tabletop, makes total body exam possible. Without repositioning the patient.
In combination with a Wall Stand, X-rays can be taken of standing or seated patients.
The optional automatic tracking function, guarantees centering of the X-ray beam to table or wall Bucky.

Key Features

- Entry level DR system for medium volume patient throughput
- High efficiency with RIS integrated workflow
- Manual movements
- Easy installation, no ceiling suspension
- Floating tabletop
- Acquisition station with large DICOM calibrated touch screen display
- Canon NE acquisition software with generator integration
- Extensive portfolio of Canon CXDI Flat Panel Detectors
- High resolution
- High sensitivity
- Sophisticated Image processing for highest diagnostic value
- Detector exchangeability between different DelftDI modalities

Optional:

- Patient positioning accessories
- Tube display
- Table and wall tracking

Easy DR

Easy DR - Compact and robust

The Easy DR system combines the advantages of a compact, easy to install system with proven Canon digital imaging technology. This extremely robust system can be installed in a mobile vehicle or in container, which can be a major benefit for field deployable requirements. The versatile Easy DR is ideal for chest imaging but also suited for general radiography.

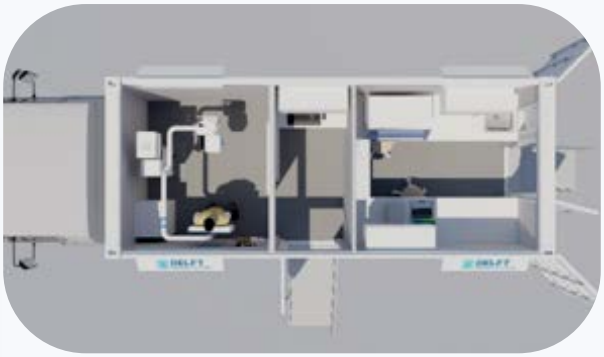
Easy DR uses Canon's intuitive 'CXDI-NE' Graphical User Interface (GUI), which is common to all DelftDI digital radiography modalities. This commonality of Canon GUI across the DR product range is a major advantage when it comes to speed of operator training and user familiarity and convenience.

The configuration options ensure a GUI that is right for you; comprehensive image processing choices guarantee optimised image quality every time and the industry standard DICOM interface ensures multi-vendor and cross-platform connectivity in any situation.

There's just one compact X-ray system we recommend for smaller X-ray rooms and mobile screening centres: DelftDI Easy DR!

Key Features

- Unique compact solution with easy installation in small rooms, a vehicle or mobile container
- Multipurpose floor-mounted X-ray system
- Vertical and horizontal positioning of the U-arm
- Removable anti-scatter grid
- Acquisition station with large DICOM calibrated touch-screen display
- Canon CXDI-NE acquisition software with X-ray generator integration
- Canon large area direct digitalFlat Panel Detector with very high X-ray sensitivity for lowest patientdose
- Instant image display allowing very high patient throughput



Mobirex i9

The standard in mobile imaging solutions

Smooth and Smart mobility. The Mobirex i9 has a very compact design and small footprint which makes it easy to maneuver through the hospital. It has excellent forward visibility and requires limited space for storage. motorised mobile technology with the hugely successful and well-appreciated Canon wireless flat-panel detectors and DR user-interface and the result is the ultimate in mobile X-ray imaging technology.

Key Features

- Telescopic column & arm: Extendable and retractable telescopic arm allows easy access to the patient.
- Extendable and retractable column minimizes blind spots during movement.Safety is improved since it is not necessary to check the screen during movement and operation. With optional built-in AEC assistance; always the optimal dose and image quality for every patient

Trauma DR+

The Trauma DR^{PLUS} X-ray system is a solution for trauma wards and emergency rooms.

The DelftDI Trauma DR is a dedicated and unique digital radiography solution for trauma departments and emergency rooms. The system can be manoeuvred around the patient quickly and easily without any need to move the patient, especially important in critical trauma situations including spinal injuries.

This system comprises a U-arm and the X-ray beam always remains centered to the image receptor so you never have to worry about misalignment. A wireless portable Canon Flat Panel Detector (FPD) provides instantaneous imaging and benefits from the integrated Automatic Exposure Control (AEC).
This provides the highest possible image quality and ensures accurate and repeatable exposures with the lowest patient X-ray dose.

High Workflow Efficiency

After extensive clinical study, Trauma DR's image receptor / X-ray tube support positioning arm has been optimised with a source detector distance of 135cm and with an overall width minimized to a slim 55cm. This allows easy and fast positioning which, in combination with super-fast Canon DR imaging, results in quicker examination completion times. The wide range of Trauma DR^{PLUS} movements allows the positioning arm to be used for precise and easily manoeuvred horizontal beam projections, resulting in stress-free lateral imaging without having to move the patient.

Key Features

- large area of X-ray coverage
- Source Detector Distance: 135cm
- Slimline 55cm positioning arm assembly width
- High patient throughput capability
- Easily positioned for horizontal beam lateral imaging
- Large, clear interactive tubehead display
- Free adjustment of the X-ray beam projection angle
- Integrated cable management system
- Motor-assisted vertical movements
- Automatic Exposure Control
- Integrated Dose Area Product (DAP) meter
- Removable anti-scatter grid
- Removable Wireless DR Detector for increased versatility
- RIS-integrated workflow
- Powered by Canon
- Easy to use with trauma stretchers

Uromat HD

Universal solution for Urology and Fluoroscopy

The DelftDI Uromat HD is a urological examination and operating table, which is equipped with the Canon CXDI-B1 dynamic Flat Panel detector. It is suitable for urological examinations and diagnostic work, as well as for minimally invasive urological surgery. This includes transdermal procedures, such as endoscopies, kidney/urinary stone operations, and procedures involving the prostate, bladder, and ureter.

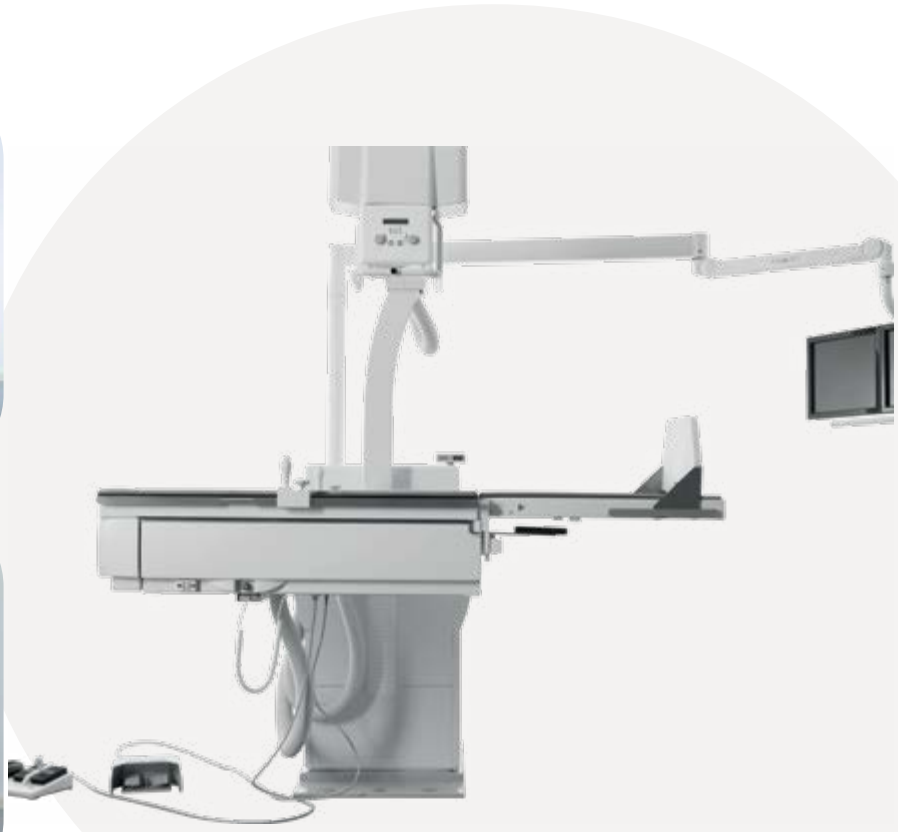
The Uromat provides convenient access for the patient as well as optimum and ergonomic operating conditions for the user. The patient table is accessible from all four sides so that moving the patient is no longer necessary, even during comprehensive procedures and examinations.The imaging area of 42 x 43 cm covers the complete abdomen including the KUB (Kidney Ureter Bladder) without any limitations. This ensures an optimal workflow combined with the best possible image quality for the mentioned procedures.

Key Features

- Convenient to work with due to easy ergonomics
- Uncompromised Direct Digital Radiography & Fluoroscopy
- Isocentric Motorised tilting
- Optimised working position for Urologists and nurses
- High KUB (Kidney Ureter Bladder) FOV
- Highly configurable with modular design
- Multi functional footswitch
- Easy to clean
- Canon's CXDI-B1 portable 42 x 43cm detector suitable for both fluoroscopy and radiography, 160 µm pixel pitch
- Sophisticated Image processing for highest diagnostic value

Optional:

- Eswl option
- Tabletop extension
- Footrest (only with tabletop extension)
- Infusion arm rest
- Infusion bottle holder
- Compression belt
- Leg supports
- Shoulder rests
- Handgrips
- Head cushion with mount
- Paper roll holder (only with head cushion mount)
- Rinse bowl
- Rinse bag mount
- Micturition seat



Celex RF

Celex takes multi-purpose to a new level with wide projection flexibility and innovative features that enhance user ergonomics and patient comfort.
Celex is a modern, versatile multi-purpose tilt-C X-ray system which in addition to serial and fluoroscopic imaging offers an extensive range of static, DR imaging capabilities.
It combines state-of-the-art imaging with unique positioning flexibility, a true hybrid that delivers optimum capacity utilization.

Due to a small footprint, minimum install space is required, while the design maximizes the work area around the patient table.
Depending on the clinical requirements – could be the need to perform ERCP examinations – or examination room constraints, the Celex is available in two basic versions with either left-side or right-side suspended table.

Celex does not require an extra technical room. Minimum installation space is required, in addition to the one small generator cabinet placed outside the system.

Accessing the patient table is easy due to the low access height of only 50 cm (AP) above the floor, while the unique design concept offers best in class SID range of 100 - 150 cm
In addition, with Celex it is possible to save up to 999 different auto-positions and any position can be saved for standard procedures.
The built-in inMotion auto-positioning technology enables direct, automatic positioning of the detector and tube to any saved position with all examination parameters pre-set. Save and restore any position – permanently or on-the-fly.
Preferred positions can be saved and recalled at any time, for fast and fully automatic positioning.

With the latest Canon detector and imaging software, digital images have never looked better. The Celex features the CXDI-B1 detector, which combines outstanding static image capabilities with high sensitivity, high resolution dynamic capabilities. In addition, intuitive Canon software provides sophisticated image processing for premium diagnostic image quality.

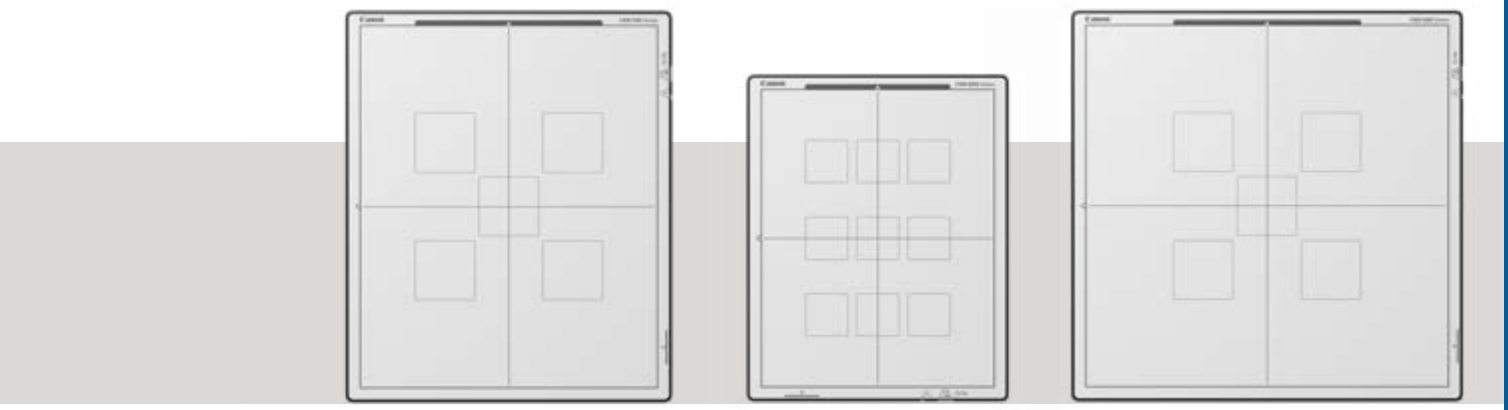
The Celex has been designed with patient and user safety in mind. In addition to the carbon fiber patient table, the Celex is entirely designed from material that allows minimum X-ray absorption for maximum dose minimisation. Moreover, the grid can easily be removed from the detector housing for reducing the dose to the detector during pediatric and/or extremities examinations. Extensive movement ranges allow the patient table to be moved out of the X-ray beam. This
allows to save dose in e.g., swallow or standing examinations by keeping the clear space between the tube and detector.

The software with specialized algorithms to reduce dose, specific programs for pediatric patients and all areas of the patient contributes to the dose minimisation. The sophisticated algorithms include noise reduction, advanced edge enhancement and contrast boost.

Canon Detectors

Canon's CXDI-Elite Series

Canon's next generation wireless flat panel detector line-up takes you to new heights of possibilities in Digital Radiography with build-in AEC Assistance.



Model name:	CXDI-720C Wireless	CXDI-820C Wireless	CXDI-420C Wireless
Purpose:		General Radiography	
Scintillator:		CsI (Cesium Iodide)	
Weight (incl. battery):	2.5 kg	1.8 kg	3 kg
Effective imaging area:	35 x 43 cm	27 x 35 cm	43.0 x 43.0 cm
External dimensions:	38 x 46 cm	31 x 38 cm	46 x 46 cm
Image matrix size:	2800 x 3408 pixels	2192 x 2800 pixels	3408 x 3408 pixels
Pixel size:		125 µm	
Resolution:		4.0 lp/mm	
DQE:		Typical 74% (0 lp/mm) / 67% (0.5 lp/mm)[2]	
Grey scale:		A/D: 16bit	
Preview image time:		1 sec.[3]	
Cycle Time:		4 sec.[3]	
Dust- and waterproof:		IP57[4]	
Battery performance:		Standard Synchronisation mode 2000 images @ 7 sec. cycle, 100 images @ 100 sec. cycle. Non-Generator Connection mode 1900 images @ 7 sec. cycle, 145 images @ 100 sec. cycle.	
Charging performance:		Detector charging in docking station: approx. 150 min.[5] In battery charger: approx. 150 min. [4]	
Wireless channel/band:		2.4 GHz, 5 GHz (W52, W53, W56, W58)[6]	

[1]Specifications subject to change.

[2]0 lp/mm is extrapolated value iec62220-1-1 2015 (rqa5).

[3]Dependent on acquisition mode.

[4]Based on tests conducted by an independent institution. certification does not guarantee against failure or damage. Dust and water resistance may be compromised by substantial impacts (dropping, crushing, etc.).

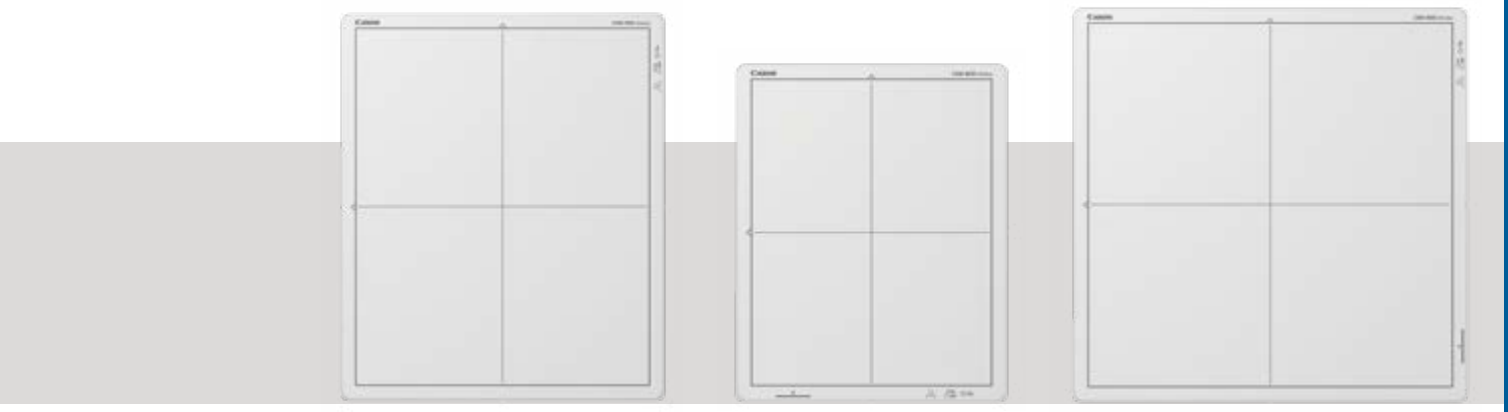
[5]At an ambient temperature of 25°c

[6]W53, W56 supports only in module receiver mode.

Canon Detectors

Canon's CXDI-403C Wireless and CXDI-703C Wireless[1]

Canon's new mid-range generation wireless detectors bring you a new range of possibilities in digital radiography. This new line reduces weight,is IP55 dust and waterproof, and has enhanced ergonomic detector design. These are just a few of the new features that are clinically beneficial.



Model name:	CXDI-703C Wireless	CXDI-803C Wireless	CXDI-403C Wireless
Purpose:		General Radiography	
Scintillator:		CsI (Cesium Iodide)	
Weight (incl. battery):	2.9 kg	2.1 kg	3.5 kg
Effective maging area:	35 x 43 cm	27 x 35 cm	43 x 43 cm
External dimensions:	38 x 46 cm	31 x 38 cm	46 x 46 cm
Image matrix size:	2496 x 3040 pixels	1952 x 2496 pixels	3040 x 3040 pixels
Pixel size:		140 µm	
Resolution:		3.5 lp/mm	
DQE:		Typical 65% (0 lp/mm)/58% (0.5 lp/mm)[2]	
Grey scale:		A/D: 16bit	
Preview image time:		1 sec.[3]	
Cycle Time:		<5 sec.[3]	
Dust- and waterproof:		IP55[4]	
Battery performance:		Standard Synchronisation mode 1500 images @ 7 sec. cycle, 140 images @ 100 sec. cycle. Non-Generator Connection mode 1500 images @ 7 sec. cycle, 140 images @ 100 sec. cycle.	
Charging performance:		Detector charging in docking station: approx. 150 min.[4] In battery charger: approx. 150 min. [4]	
Wireless channel/band:		2.4 GHz, 5 GHz (W52, W53, W56, W58)[5]	

[1]Specifications subject to change.
[2]0 lp/mm is extrapolated value IEC62220-l-l2015 (RQAS).
[3]Dependent on acquisition mode.
[4]Based on tests conducted by an independent institution.
Certification does not guarantee against failure or damage.
Dust and water resistance may be compromised by substantial impacts (dropping, crushing, etc.).
[5]At an ambient temperature of25°C
[6]W53, W56 supports only in module receiver mode.

Canon Detectors

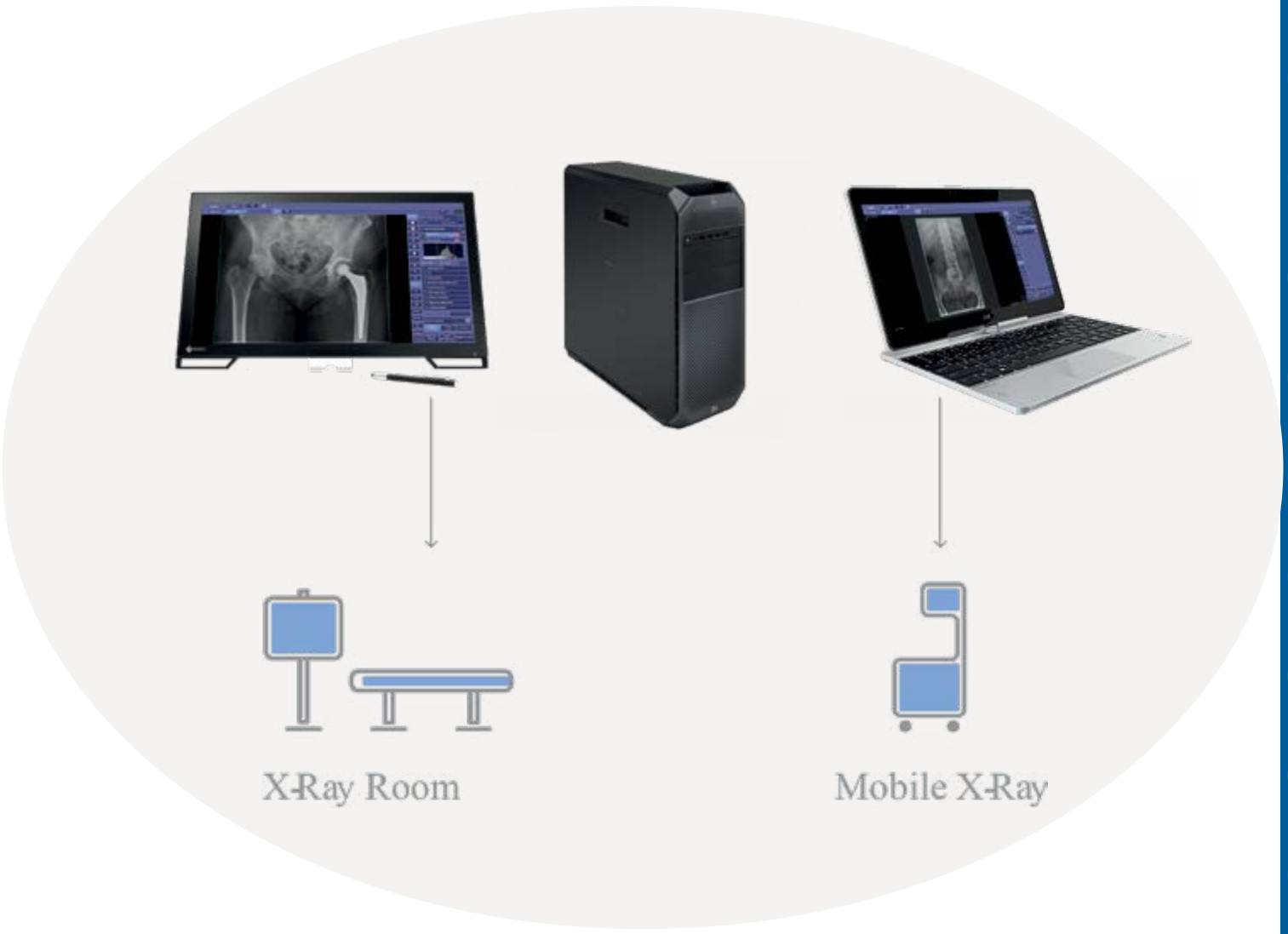
Canon's CXDI-RF B1 Dynamic Flat Panel Detector

Designed to help healthcare professionals attain a high level of performance, usability, and reliability.

Model Name:	CXDI-Rf Wireless B1[5]
Scintillator:	Csi (Cesium Iodide)
Weight (Incl. Battery):	3,5 Kg
Effective Maging Area:	42 X 43 cm
External Dimensions:	460 X 460 X 15.5 mm
Pixel Pitch:	160 µm
Dqe (0.5 Lp/Mm):	Typical 60% (0.5 lp/mm)
MTF (2 lp/mm):	Typical 38% (2 lp/mm)
IPX:	IP57[6]
Robustness:	Load: 310 kg @ entire 100 kg 00.40 mm Drop height: 100 cm
Frame rate (wired[7]):	GigabitEther Wireless: IEEE802.11a/b/g/n
Frame rate Wired[7]:	5 fps @ 1x1 15 fps @ 2x2 30 fps @ 3 x 3 (9" x 9")
Continuous x-ray:	Supported

[1]CXDI Controller RF Software version 3.00 onwards for support of CXDI-RF Wireless Bl, CXDI-702 series and CXDI-710 series.
[2]Only for static imaging.
[3]Only for static imaging with CXDI-710CW, CXDI-410CW.
[4]Specifications subject to change.
[5]CXDI-RF Wireless Bl system consists of various components.
[6]Based on tests conducted by an independent institution. Certification does not guarantee against failure or damage. Dust- and water resistance may be compromised by substantial impacts[dropping, crushing, etc.).
[7]Wireless Dynamic imaging implemented later.

DR in two minutes



Breathe new life into your existing equipment; fixed, mobile, even portable systems can instantly benefit from Canon DR.
Only 2 Canon DR components are required to provide instant DR with any existing X-ray system. And you're not tied thereafter to just that one X-ray system. Canon provides you with the freedom to move between systems; just pick up and go! It's smart, light-weight and battery-powered.

Solution Composition
- Portable DR Workstation (laptop or desktop)
- Canon Flat Panel detector (CXDI-410CW / CXDI-710CW / CXDI-810CW Wireless)
- 'Grab & Go' bracket (optional)

'Grab & Go' bracket
For convenient, secure and effortless transportation in one hand, the Grab & Go bracket offers a solid personal solution for moving the DR Workstation portable PC and the CXDI-710C Wireless 35x43cm DR Detector between locations. This portable solution is easily set up in any X-ray room or even with an existing mobile X-ray system, as the Grab & Go fits into popular analogue mobile cassette storage bins.

System Key Features
- Easily add DR to any X-ray system using just 2 lightweight compoents
- No connections or modifications to your existing X-ray system necessary
- Not tied to any X-ray system; simply pick up and move to another
- Option for integrated USB DAP Meter

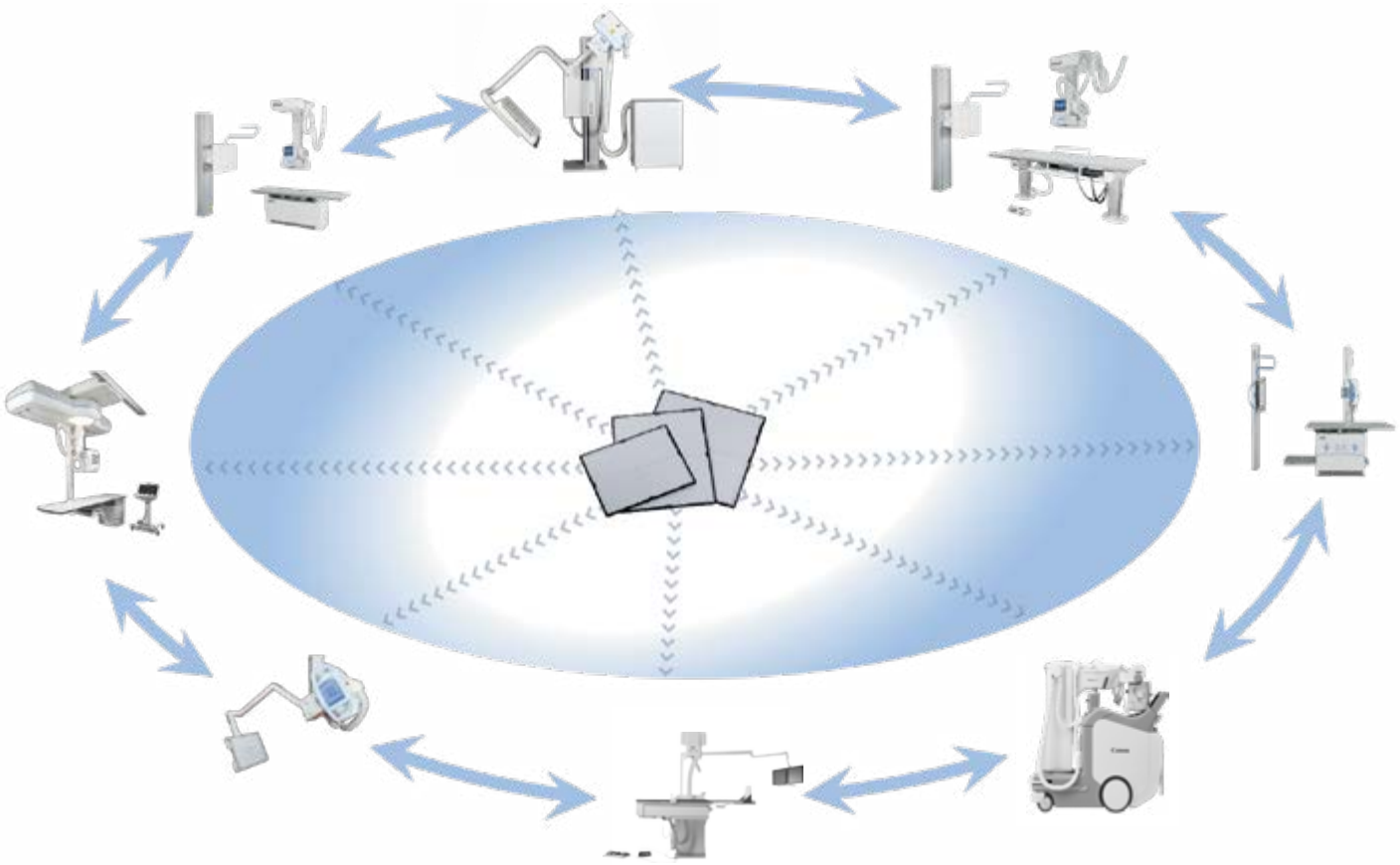
Optimal dose registration workflow With the optional USB DAP meter integration the dose is directly added to the DICOM header of the image and available for further processing.

Canon Detectors

Canon Flat Panel Detectors inside

At the core of DelftDI Solutions are state-of-the-art Canon Flat Panel Detectors (FPD's). Canon FPD's are renowned for their consistent ability to offer the very highest image quality whilst demanding the lowest patient X-ray dose. They are also characterized by outstanding robustness and reliability that is second to none.
Canon wireless portable FPD's are exceptionally versatile and allow use both in and out of X-ray bucky's, in patient beds and on trollies and have the added benefit that they can be shared between different DelftDI modalities including fixed systems and mobiles, so providing additional resilience and cost-effectiveness.

Share your detector



CXDI NE-Software

CXDI Control Software NE

CXDI Control Software NE is made exclusively for use with Canon Digital Radiography systems. This software helps to optimise workflow and to reduce the steps needed to complete exams. It provides quick image confirmation and timely network distribution, supports multiple study acquisition, can be easily 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.

Intuitive interface

Canon's intuitive 'CXDI-NE' 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 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.

Main features:

- Real-time viewing of high quality images
- Scatter Correction Software (optional)
- Large high-resolution monitor for comfortable viewing
- Automatic Image stitching
- 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 designa ted analysis workstation

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 1 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 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 being proven outstanding in communication with x-ray generator and brilliant in the non-synchronised mode.

CXDI NE-Software

High contrast images without using a grid

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 improving your workflow.
Where a grid physically reduces scatter and thereby increases the image contrast, the software mimics this process virtually. The software works by creating a scatter model, which is subsequently subtracted from the image. The result is an image with reduced scatter and increased contrast.

Benefit from Canon's decades of imaging expertise

Use a grid or select Scatter Correction; you are always in control and the choice is yours as the situation demands. Canon digital radiography provides the versatility, and years of imaging expertise provides the following benefits:

- Significantly lower X-ray dose compared to imaging with a grid[1]
- Superior image contrast without the need for a grid
- Improved workflow: no need to carry, fit, position and remove agrid
- 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

CXDI RF-Software

CXDI Control Software RF

CXDI Control Software NE/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.

Tomosynthesis (optional for CXDI-RF software)

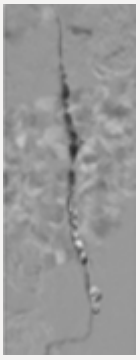
Performing high-resolution limited-angle tomography at radiation dose levels comparable with traditional projection radiography:

- 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-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 are supporting 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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