

DIRECT RADIOGRAPHY

empower

your X-ray department

DX-D Retrofit: The smart DR upgrade solution from Agfa HealthCare



maximize

your existing imaging investment

The budget-friendly way to go direct digital – without compromises

DX-D Retrofit solutions enable you to easily upgrade your current X-ray modality to direct radiography (DR) while protecting your current investment by extending the use of your existing equipment. Your mobile and stationary X-ray systems can become high productivity Agfa HealthCare DR systems with the DX-D Retrofit, allowing you to implement direct radiography technology throughout your departments economically.

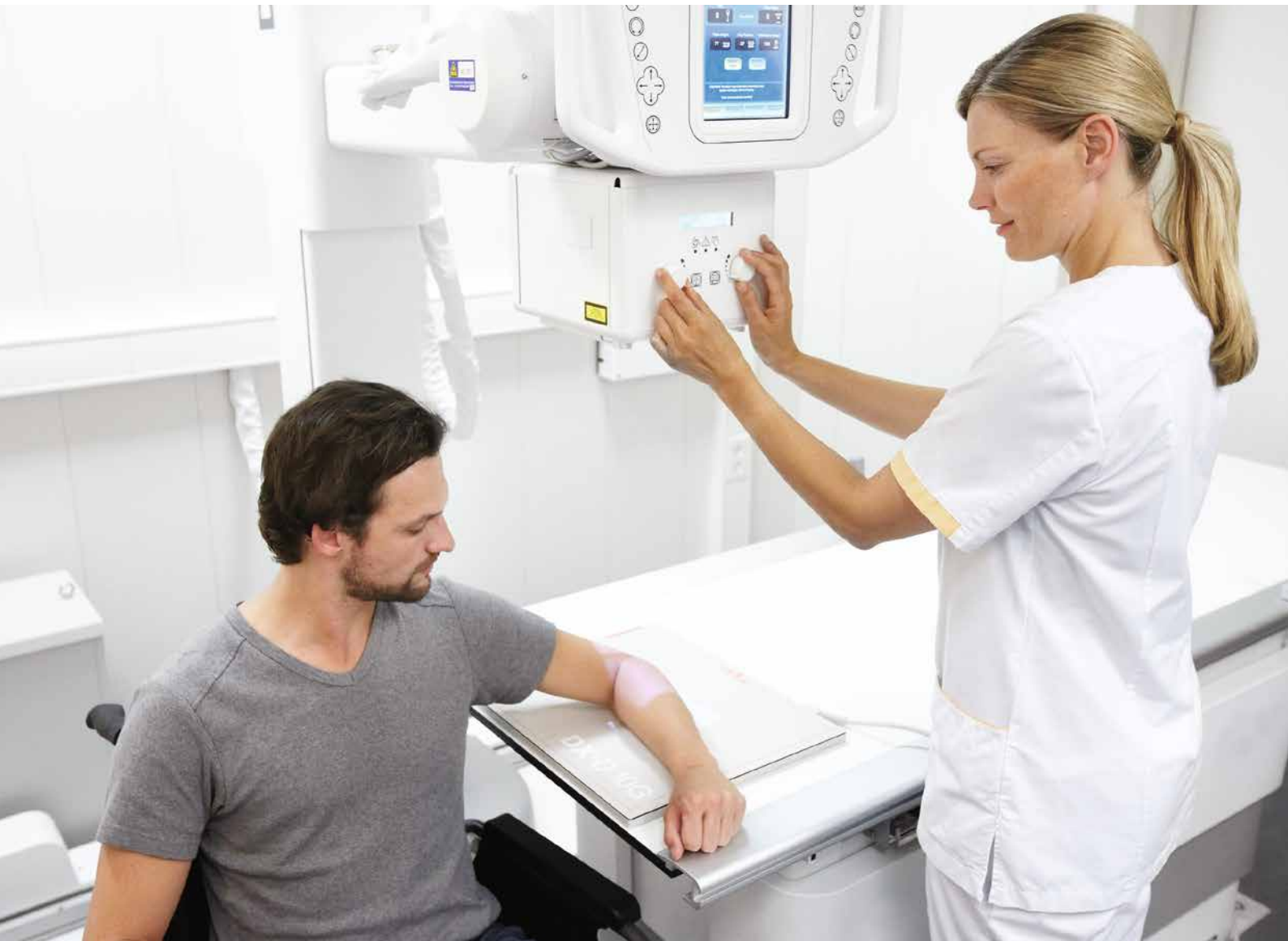
Many healthcare providers begin migrating to DR technology with mobile X-ray systems due to the benefits that immediate, high-quality images provide in critical areas. Replacing a mobile fleet is costly, but with the DX-D Mobile Retrofit, Agfa HealthCare offers a smart, seamless and budget-friendly path to capitalize on DR advantages. The digital detector can be shared with a stationary room to further extend the life of your current equipment, and improve your workflow and patient care.

Market leading imaging performance with patented MUSICA image processing and top quality detectors

DX-D Retrofit delivers powerful imaging performance through a choice of detectors offering the highest spatial resolution available, NX workflow, MUSICA intelligent imaging software and seamless connectivity. This combination results in a cost-effective and versatile direct radiography upgrade solution that facilitates efficient diagnosis by providing excellent image quality, improved workflow and productivity and, when used with Cesium Iodide (CsI) wireless detectors, offers dose reduction potential.

Fast and easy installation

Fast and efficient installation minimizes down-time. Because the intuitive NX Workstation and MUSICA are easy to use, minimal training time on the DX-D Retrofit is required, enabling you to be operational in one day.



DX-D Mobile Retrofit



DX-D 30C wireless detector can be shared with other fixed or mobile DR solutions and maximizes savings.



DX-D Retrofit: Driving your direct digital evolution

Premium technology

that empowers your move to DR

Consistent image quality with MUSICA

The DX-D Retrofit solution comes with our automatic, intelligent, body part-independent MUSICA image processing which has been specially adapted and tuned to enhance DR image quality. MUSICA analyzes image data for bones and soft tissue separately, eliminating the need to compromise on either contrast or density. The resulting image quality shows greater detail and allows you to extract diagnostic information quickly, without any time consuming manual adjustment of the image. This increases productivity and reduces examination times for faster patient turn-around.

A choice of detectors for all exams and budgets

We offer a choice of both wireless and tethered detectors as well as Cesium Iodide (CsI) and Gadolinium Oxy-Sulphide (GOS) technology to meet a wide range of examination and budgetary requirements. Our top quality CsI wireless detectors, with reliable scintillators, are ideal for radiation sensitive patients, including pediatrics, and offer the potential for dose reduction without compromising image quality.

CsI detectors provide potential for reducing patient dose

The synchronization of the DX-D Retrofit solution with its generator enables the detector to be ready for image capture wherever you are, allowing the X-ray signal to be fully captured. CsI detectors optimize quantum efficiency and use MUSICA to convert the raw image into excellent contrast-detail image presentation. The impressive imaging performance provides you with diagnostic confidence and dose reduction potential when using the CsI detectors.

Detector interchangeability delivers ease of use and maximum productivity

Given the level of investment required in any DR system, the ability to share wireless detectors with other fixed and mobile DR solutions is crucial to reduce cost. The lack of cables enables the wireless detector to be switched easily from a mobile X-ray unit to a complete X-ray room solution and vice versa, while its compact design and light weight makes it easy to transport. DR panel sharing can deliver cost savings and workflow flexibility while providing technology upgrades in areas outside radiology, such as emergency rooms, operating rooms and intensive care areas.

Improved workflow and examination speed

As part of a cassette-less solution, our DR detectors provide a host of benefits that improve workflow and reduce examination time. Immediate verification of patient positioning and image quality minimizes patient discomfort and eliminates the risk of patient images being mis-identified. Exposures are no longer limited by the number of cassettes available, with images being sent immediately to PACS or imagers in DICOM format. And, DR detectors are available in 35x43 cm and 30x35 cm sizes that easily fit into existing bucky trays, providing versatility for all applications, exams and patients.

Mobile convenience

With DX-D Mobile Retrofit, you can upgrade your mobile analog radiography systems to the benefits of Direct Radiography (DR) without replacing your existing equipment. This option comes with a choice of mobile detectors and an all-in-one PC. The PC features a convenient touch screen, and the mounting system offers flexible positioning for operator comfort and ease of use. For additional mobile convenience, the detector(s), a spare detector battery and accessory items or materials may be stored inside the cassette tray. The solution components do not obstruct or interfere with the maintenance of your mobile modality.



Empowered by MUSICA for high quality images with dose reduction potential



DX-D Retrofit: Driving your direct digital evolution

Integrated workflow

from the imaging specialist

Seamless integration with PACS, HIS/RIS and imagers

The DX-D Retrofit solution further enhances the cassette-less general radiography workflow by delivering ultimate productivity as it offers excellent image quality without the need of time-consuming post-processing and direct connectivity with any RIS/PACS/HIS via the MUSICA image acquisition workstation. Starting from the same intuitive NX interface as all Agfa HealthCare CR solutions, its familiar look and feel eliminates time-consuming training.

A choice of service agreements

Agfa HealthCare offers service agreement solutions tailored to the individual customer's situation. The service agreements are available in Basic, Comfort and Advanced levels, making lifecycle costs predictable. Agfa HealthCare offers the add-on Damage Assistance Program for portable detectors. This program covers accidental drops, bashes, hits, etc. including liquid damages – providing you with peace of mind.

A worldwide team of 1000 professionals is at your service to provide support at all phases of your project. As an additional service, they can help you customize your examination tree or link RIS protocol codes, optimizing the workflow further and maximizing the return on investment. Furthermore, this team carries out tasks that go well beyond maintenance, including value-added services such as excellent user training, staff training and software upgrades.

Why empower your X-ray department with the DX-D Retrofit upgrade solution?

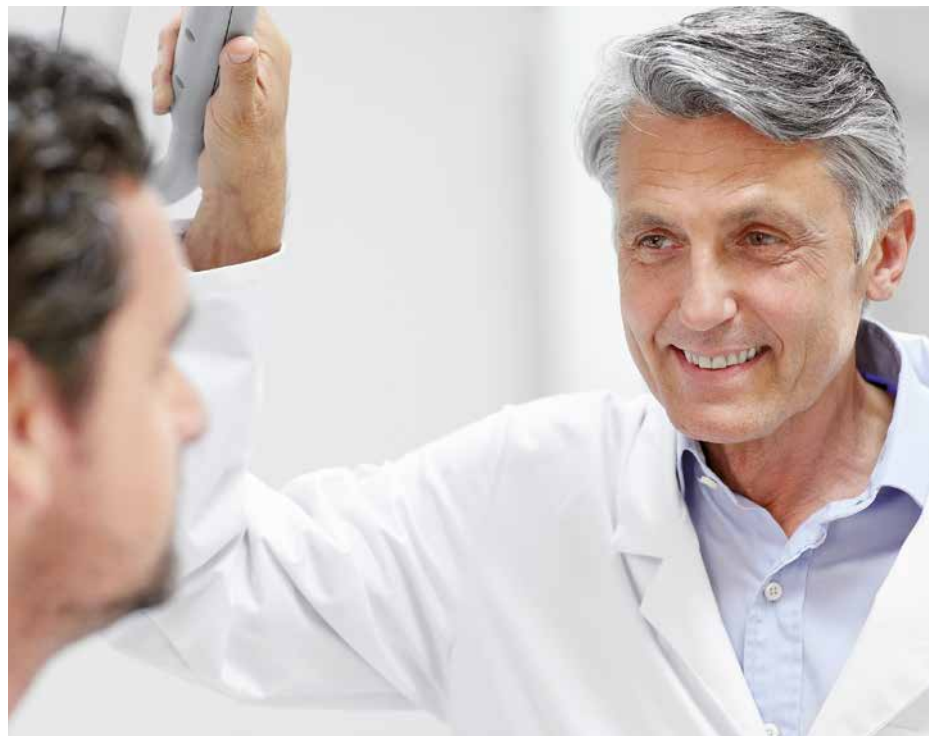
- Provides an affordable upgrade to DR
- Delivers excellent DR image quality
- Provides cassette-less DR workflow
- Provides dose reduction potential through CsI wireless detectors
- Is easy to install and service

No surprises. Just solid confidence.

Accidents can happen. Protect your Agfa HealthCare portable DR detector from accidental damage with our Damage Assistance Program (DAsP). For the solid confidence of knowing it's always there, where and when you need it.

With DAsP as an add-on to your DR services package or portable DR detector warranty extension, you can avoid unexpected, high repair or replacement costs. A fixed yearly fee and a minimal co-pay for any accident provide you the peace of mind of knowing you can depend on your portable DR detector – with no costly surprises.

Agfa HealthCare's extended factory warranties on system components, insurances, and maintenance contracts based on your individual needs, provide long-term peace of mind.



DX-D Retrofit: Driving your direct digital evolution

Insight. Delivered.

Agfa HealthCare is a global leader in the fast growing market of integrated IT and imaging systems, offering healthcare facilities a seamless flow of information and a 360° view of patient care. The company has a unique, holistic approach, enabling it to provide in-depth clinical know-how and fully integrated hospital-wide solutions. These specialized solutions integrate IT and imaging systems for Radiology, Cardiology, Mammography and Orthopaedics. Agfa HealthCare's DR Services offers additional services to ensure the reliability and functionality of Agfa HealthCare's Direct Radiography solutions – providing peace of mind for radiologists, their staff and their patients. ■

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