

DIRECT RADIOGRAPHY

empower

your X-ray department

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



maximize

your existing imaging investment

An affordable way to go direct digital offering excellent imaging performance through MUSICA² image processing and top quality detectors. One that maximizes the use of your existing X-ray system. That is quick and easy to install and enables safe and effective integration with your original equipment.

Introducing the DX-D Retrofit solution.

[The easy way to go direct digital](#)

Designed to meet the needs of general radiography in university hospitals and practices, the DX-D Retrofit solution enables you to upgrade your existing X-ray modality to direct radiology (DR) while maximizing the use of your existing equipment. Going from analog or computed radiography (CR) to cassette-less DR is a considered investment. Harnessing the power of the DX-D upgrade solution, with all its direct digital advantages, makes that investment so much easier.

[Excellent imaging performance through MUSICA² image processing and top quality detectors](#)

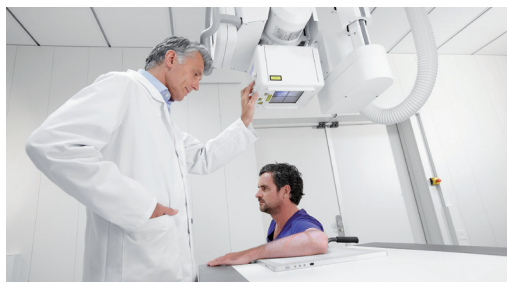
By bringing together excellent imaging performance – through a choice of detectors; the NX workflow; MUSICA² intelligent imaging software; and seamless connectivity – DX-D Retrofit provides an affordable solution that enables you to evolve swiftly to DR. The result is a cost-effective and versatile direct radiography upgrade solution that facilitates efficient diagnosis; one that provides excellent image quality, improved workflow and productivity and, when used with Cesium Iodide (CsI) wireless detectors, offers dose reduction potential.

[Fast and risk-free installation](#)

Fast and efficient installation minimizes room down-time and, because education on the new features is minimal, enables fast start-up.



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 MUSICA²

The DX-D Retrofit solution comes with our body part-independent MUSICA² image processing, which has been specially adapted and tuned to enhance DR image quality. MUSICA² analyzes data for both bones and soft tissue separately, eliminating the need to compromise on either contrast or density. The resulting improved image quality and greater detail allows you to extract diagnostic information quickly, increasing productivity and realizing shorter 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 all examination and budgetary requirements. Our top quality CsI wireless detectors, with reliable scintillators with a long lifetime, are ideal for sensitive applications like pediatrics and offer potential for dose reduction capabilities and excellent image quality.

CsI detectors provide potential for reducing patient dose

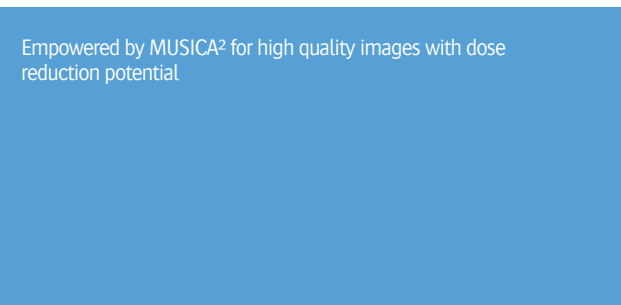
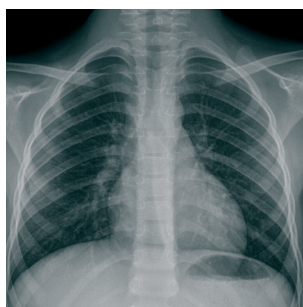
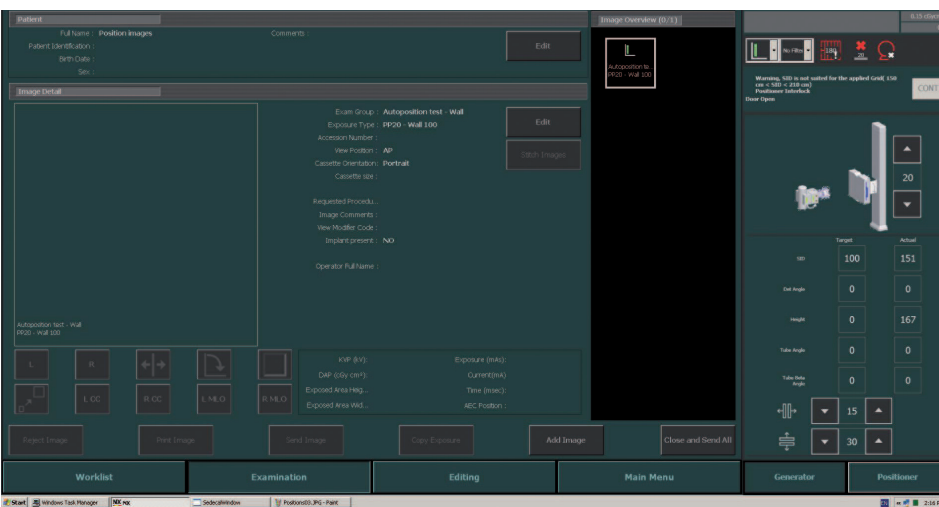
The synchronization of the DX-D Retrofit solution with its generator enables the detector to be ready for image capture wherever you are, allowing the X-ray signal to be fully captured. Its CsI detectors optimize quantum efficiency and use MUSICA² to convert the raw image into excellent contrast-detail in the images. The impressive imaging performance provides you with an improved basis for efficient diagnosis 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 capability of sharing wireless detectors with other fixed/mobile DR solutions is invaluable in facilitating cost reductions and additional savings. 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. This enhances ease and convenience for emergency rooms, sterile environments and the ICU.

Improved workflow and examination speed

As part of a cassette-less solution, our DR detectors provide a host of benefits that improve workflow and examination time. Immediate verification of patient positioning and image quality eliminates the risk of patients' cassettes being mixed up. Exposures are no longer limited by the number of cassettes available, with images being sent immediately to PACS or imagers in DICOM format. And within our range, DR detectors with an image size of 35x43 cm are available, enabling easy fitting into and removal from any standard bucky tray, providing maximum versatility for all exams.



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, excellent contrast-detail and connectivity with RIS/PACS/HIS via the NX 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. for a maximum of five years, including the warranty period.

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

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. ■

www.agfahealthcare.com

M-power your X-ray department with **MUSICA²**



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Published by Agfa HealthCare N.V.
B-2640 Mortsel – Belgium
5TOBC GB 00201209

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