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Extending SmartRotate to all its DR and CR solutions, Agfa gives radiography an intelligent productivity boost

Part of Agfa's AI-powered SmartXR® portfolio, SmartRotate puts Agfa's proven imaging expertise into play by automatically presenting images ready for viewing

Mortsel, Belgium – 15 October 2021 – 10:00 CET

- Adding this high-end functionality to Agfa's comprehensive CR and DR portfolio, enables healthcare facilities of every size and budget to benefit from the productivity and consistency benefits of X-ray intelligence.
- SmartRotate is a plug and play functionality that is easy to install and requires no specific training to use.
- SmartRotate lightens the radiographers' workload, while keeping them firmly in control, at every moment.
- SmartRotate is part of Agfa's SmartXR portfolio; by adding X-ray intelligence to Agfa's digital radiography solutions, SmartXR provides image acquisition support and lightens radiographers' workloads.

SmartRotate, an intelligent plug and play functionality that enhances productivity and the delivery of patient care by automatically presenting images ready for viewing, is now available for all Agfa direct radiography (DR) and computed radiography (CR) solutions. It is part of Agfa's SmartXR® portfolio, which offers predictive workflow assistance, speeding up the radiology workflow and enabling consistent viewing. SmartRotate is available for Hand, Feet, Abdomen & Chest exams.

With SmartRotate, Agfa expands its AI portfolio to its entire CR/DR range

Not all images are taken in a bucky in an X-ray room. Those taken at the bedside, or in the X-ray room without the bucky, can be oriented in landscape or portrait mode, or can even be upside down. This means the radiographer has to manually rotate each image to the correct position for viewing.

With SmartRotate, every image is always presented ready for viewing, directly and automatically. This plug and play functionality uses a Deep Neural Net to identify the content of the image, and then rotate it correctly. With fewer manual post-processing actions to take care of, the operator saves time and can focus on imaging. In addition, the consistent presentation of the images in the PACS supports greater comparison with priors for the radiologist.

X-ray intelligence for healthcare facilities of every size and budget

“By making SmartRotate available for all of our DR and CR solutions, we are meeting our commitment to put intelligent tools directly into the hands of radiographers, regardless of the size or budget of the hospital,” comments Georges Espada, Head of Digital & Computed Radiography for Agfa. Recent data shows that 83% of all bedside chest X-rays require manual intervention to rotate images¹. That adds up to as many as 70,000 manual clicks each year for a radiographer at a medium or large hospital, or almost 20 work hours lost, just for bedside exams. By putting X-ray intelligence to work, we are creating a real impact for radiographers, radiologists and the radiology department, on a day-to-day level.”

About Agfa

Agfa develops, produces and distributes an extensive range of imaging systems and workflow solutions for the printing industry, the healthcare sector, as well as for specific hi-tech industries such as printed electronics & renewable energy solutions.

The headquarters are located in Belgium. The largest production and research centers are located in Belgium, the United States, Canada, Germany, France, the United Kingdom, Austria, China and Brazil. Agfa is commercially active worldwide through wholly owned sales organizations in more than 40 countries.

For more information on Agfa please visit www.agfa.com



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¹ http://newsroom.gehealthcare.com/positioning-head-heart-research-finds-ai-feasible-tool-saving-x-ray-techs/#_ftn