

# Thales brings the highest quality digital imaging at lower doses and in patients' rooms

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**On the occasion of the European Congress of Radiology (ECR) the largest radiology event in Europe that will take place in Vienna (Austria), Thales unveiled new digital solutions.**

Thales is riding the wave of innovation in the world of flat panel detectors and imaging solutions. With digital imaging and flat panel technology becoming ever more ubiquitous, the key global driver remains higher image quality with lower dose. Hospital operations are however evolving, and the new emerging driver is the need for complementary products that help optimise workflow management.

The Pixium RAD 4343 C-E and G-E are the new generation detectors for fixed RAD room that remains a mainstay of this segment, because of

## > Key Points

- Thales announces new groundbreaking flat panel detectors and imaging solutions.
- All solutions showcase portable detection range and cost effective retrofit solutions.
- Thales is a leader in medical digital solutions.

its flexibility and adaptability to any imaging solution. This new generation of flat panel detectors is cost effective, reliable and delivers very high quality images at a low dose.

However, as workflow management changes, different systems are required. As a result the Pixium Portable EZ coupled with the ArtPix Mobile EZ2GO tablet, allows technicians to take images directly in patients' rooms and to instantly view the clinical image. This is of great benefit, as it significantly improves the workflow against legacy solutions<sup>1</sup>.

When it comes to dynamic imaging, Thales remains the world leader in tube technology, and with the introduction of The Pixium Surgical Imaging Suite<sup>2</sup>, the group combines detectors and imaging solutions to create a sharper image in a more compact system. This greatly enhances the surgeons' view of the patient during a procedure.

The multipurpose Duet DRF 1.09 acquisition and post processing workstation enables an optimised imaging solution for several types of clinical examinations<sup>3</sup>, guaranteeing the best possible image quality in real time and for optimised workflow.

*«Medical imaging technology has come leaps and bounds over the past decade. The revolution brought about by our digital imaging and flat panel technology is a game changer which puts Thales in a strong position. As medical imaging departments become heavier adopters of these technologies, we will continue to outpace the competition in addressing the changing needs of the market. »*

*Jean Jacques Guittard, CEO Thales Electron Devices.*

## ► Notes to editors

1. The Pixium Portable EZ coupled with the ArtPix Mobile EZ2GO tablet, allows technicians to take images directly in patients' rooms and to instantly view the clinical image before sending it to the PACS (Picture Archiving and Communication System), improving workflow against analog and CR (Computed Radiography) solutions.
2. The Pixium Surgical Imaging Suite combines the flat panel detectors and Imaging Chain Solution (ICS) for Surgical C-Arms.
3. The multipurpose DUET DRF 1.09 acquisition and post processing workstation enables an imaging solution optimised for all radiography, fluoroscopy and angiography clinical examination needs. It guarantees the best possible image quality in real time and for optimised workflow. It supports the Pixium RF 4343/Pixium RF 4343 FL flat panel digital detectors and the Pixium Portable 3543 EZ is an optional extra.

## ► About Thales

Thales is a global technology leader for the Aerospace, Transport, Defence and Security markets. With 62,000 employees in 56 countries, Thales reported sales of €14 billion in 2015. With over 22,000 engineers and researchers, Thales has a unique capability to design and deploy equipment, systems and services to meet the most complex security requirements. Its exceptional international footprint allows it to work closely with its customers all over the world.

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