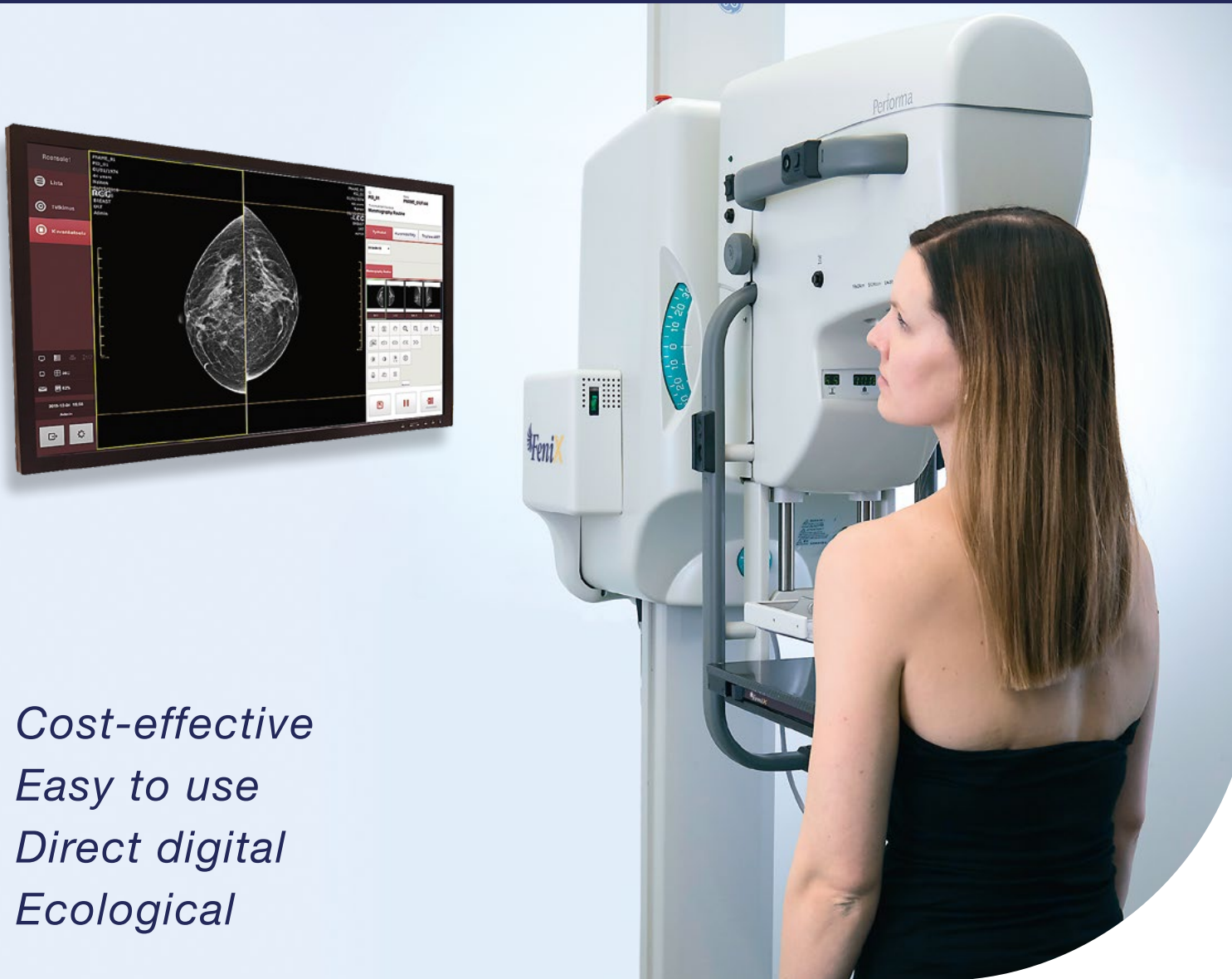




*Affordable DR solution - ecological choice.*



*Cost-effective  
Easy to use  
Direct digital  
Ecological*

## Direct digital mammography cost-effectively

Innomentarium has developed a FeniX solution for updating analog mammography machines to the new era – to the digital age. Reliably and without compromising the quality, we extend the lifecycle of machines for years to come by. With care and decades of experience in medical imaging.





# FeniX

## This is how Innomentarium's FeniX was born

The core values in all our operations are the Customer and Sustainability. Our FeniX solution was created in line with our values. As its name suggests, we enable rebirth – while respecting the traditions and roots.

FeniX is the result of a long-term R&D project; traditional analog mammography system receives a new heart using our direct digital technology solution. Thanks to usability studies carried out during the development project, old machines using direct digital technology are easy to use and safe – for both the end user and the patient.

The compatibility of the original device with the direct digital detector is ensured. Excellent image quality with low radiation doses has been clinically tested and validated. FeniX naturally meets all the standards and requirements for medical devices. A lifecycle promise is given for the whole system. The cost-effectiveness and environmental friendliness of the solution demonstrate responsibility.

FeniX is born.

- Jouni Ihme, BSC (engineer)

## The FeniX solution includes:

- Condition check and maintenance
- Direct digital detector installation
- Compatibility adjustment
- Workstation computer
- High-quality 27 inch display
- Interface with PACS and RIS systems
- User training and customer support
- Image parameter transfer to workstation SW
- Mean glandular dose (MGD) calculation





## Update your mammogram machine to direct digital operation

We have developed an effortless method for converting the analog mammograph machines to direct digital mammography. The radiographer is able to learn to operate the new workstation application quickly. The workflow is quicker, because it is no longer necessary to read the image plate separately; one click of the mouse automatically transfers the images to the workstation display for image quality evaluation and from there to the image archive.

The image quality and radiation doses have been clinically tested and proven to correspond to the level of an existing

new direct digital mammograph machine. Compared with new equipment, FeniX is a significantly less costly alternative. Installation and ramp-up in the customer's premises happen smoothly in one day. Innomentarium provides customer support throughout the machine's life cycle.

With this innovation we can extend the service life of your current machine by several years, and it does not need to be scrapped.

- Raija Kilponen, BSc (ICT), Radiographer

### Technical data:

#### Detector

- Size 24x30 cm
- Type CsI
- Pixel size 76 um
- Resolution 3072 x 3840

#### Workstation computer

- Processor Intel Core i7
- Hard disk 1 TB HDD
- Monitor 27 inch, resolution 1920x1080

#### Workstation SW

- Image format DICOM
- RIS compatibility MWL, MPPS
- PACS compatibility Image Send



 **FeniX**

## Benefits:

- Easy to use, like DR machine
- Agile imaging workflow
- Better image quality
- Low radiation dose
- Affordable and sustainable choice!

**Fore more information, please contact:**

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