



## Picture Archiving and Communications Systems (PACS)

# PACS Solution Overview

### Steria delivers PACS to the National Breast Screening Service

Is your screening centre struggling with paper and film or are you worried about having to manage your Information and Communication Technology (ICT)? Here at Steria we can help you to digitise your film records and deliver them to screening staff, while also benefiting from:

- Eradicating film costs;
- Sharing scans between screeners and clinicians – simultaneously;
- Increasing security through the elimination of fire and flood concerns;
- Recovering space in your premises to devote to screening;
- Working within a purpose built screening centre workflow (rather than adapting a hospital patient based workflow, as would be the case using hospital PACS);
- Having your ICT infrastructure managed to best practice standards;
- Gaining efficiency savings.

#### Converting your screening images to electronic images

This solution overview describes how Steria can help a screening centre such as yours to achieve efficiency savings early – and painlessly.

#### Screening needs

As you know, screening centres process high volumes of patient records, creating extensive libraries to support the service. Traditionally, an attendant is required to sustain these libraries manually. Picture Archiving and Communications Systems (PACS) integrate the National

Breast Screening Service (NBSS) call/recall process with the imaging process, capturing and storing images without the need for film and providing workflow and image display for reporting. This saves a significant amount of time - and space - for the screening centre.

Screening centres recognise that access to electronic images at appointment, screening and reporting times is critical to ensure:

- Provision of high quality and efficient screening;
- Implementation of improved service delivery models;
- Delivery of screening centre improvements including redevelopment and service modernisation plans;
- Conformance with the NHSLA's clinical negligence requirements.





## The solution

Steria can assist screening centres in tackling such issues by implementing PACS. The system receives appointment details from the NBSS; delivers worklists to the modality; captures images from the modality; and presents these in a secure and well structured form to screening and clinical staff via high resolution screens, which are capable of contrast adjustment and other image enhancement techniques.

The implementation of PACS supports key national business drivers including:

- Improvement in data quality and screening centre efficiency – and a reduction in errors;
- Development of staff;
- Open access to information;
- Delivering the NHS plan;
- Information for health;
- Delivering 21st century IT support for the NHS;
- Clinical governance;
- Meeting the clinical litigation requirements of the NHSLA.

Steria offers a complete end-to-end solution blending our proven business process capability with advanced Information Management & Technology (IM&T) know-how, as well as service delivery capability with market leading ICT products from our partners.

The scope of our solution can include some or all of the following:

### For existing film records

- Taking responsibility for your administration functions;
- Relocating the film library if space is an issue;
- Implementing and staffing an advanced scanning operation to digitise existing film records on demand.

### For PACS, capturing new images

- Providing infrastructure design, build and management around the PACS technology;

- Implementing a complete PACS solution – including servers, data storage, high resolution screens and software – while also providing project management and the broad spectrum of technical services required by PACS technologies;
- Integrating PACS with the mammography modalities and the centre's NBSS and local hospital PACS systems for referrals.

### For hosting and infrastructure management

- Hosting and managing the PACS technical solution;
- Delivering all the services to stringent SLAs;
- Managing services under strict ISO 20000 (ITIL), ISO9000 (Quality), ISO 27000 (Security) and ISO 14000 (environment) standards, to ensure best practice.

All delivered by an IT and business services company which is a trusted partner to the NHS and able to deliver through an established framework agreement.

## About Steria

Steria delivers IT enabled business services which help organisations in the public and private sectors operate more efficiently and profitably. By combining in depth understanding of our clients' businesses

with expertise in IT and business process outsourcing, we take on our clients' challenges and develop innovative solutions to address them. Through our highly collaborative consulting style, we work with our clients to transform their business, enabling them to focus on what they do best. Our 18,300 people, working across 16 countries, support the systems, services and processes that make today's world turn, touching the lives of millions around the globe each day.

Founded in 1969, Steria has offices in Europe, India, North Africa and SE Asia and a 2009 revenue of €1.63 billion. 19.3% of Steria's capital is owned by its employees. Headquartered in Paris, Steria is listed on the Euronext Paris market.



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