

## InSight Breast

### Mammography Image Viewing Solution

Insignia Medical Systems' dedicated mammography reading workstation; InSight (Breast) is designed with performance in mind and is an extension of the InSight (Web) software. The multi-modality workstation software is designed to maximise the area available for viewing mammograms and to reduce extraneous light interference; by the removal of all icons and dimming of the third monitor when not in use. Access to all functions is via "hidden" menus, right click options and keyboard shortcuts. Access to all relevant images is via an "auto-hide" thumbnails panel. Both of these features along with a host of other functions of the workstation are configurable by the user or System Administrator.

#### InSight Breast Key Features:

- Multi-mode Viewer optimised for Mammography reporting
- Integrated to NBSS and RIS for rapid screening and symptomatic reporting
- User defined mammography workflow protocols
- Clutter free interface with configurable toolbars
- Auto-hide thumbnails panel maximises image viewing area
- Soft tissue only invert greyscale
- Window width and centre, spot windowing, user defined modality specific window presets
- Distance, area, pixel and ROI values
- Rapid zoom, 1:1 and fit to screen
- External keypad support
- Tomosynthesis image support
- Binary overlay support
- Synchronised Tabar masking

#### System Features:

- Supports Windows XP (32 and 64 bit), Windows Vista (32 and 64 bit) and Windows 7 (32 and 64 bit) versions
- Multi-monitor aware
- Colour monitor aware
- Full support for 5MP displays

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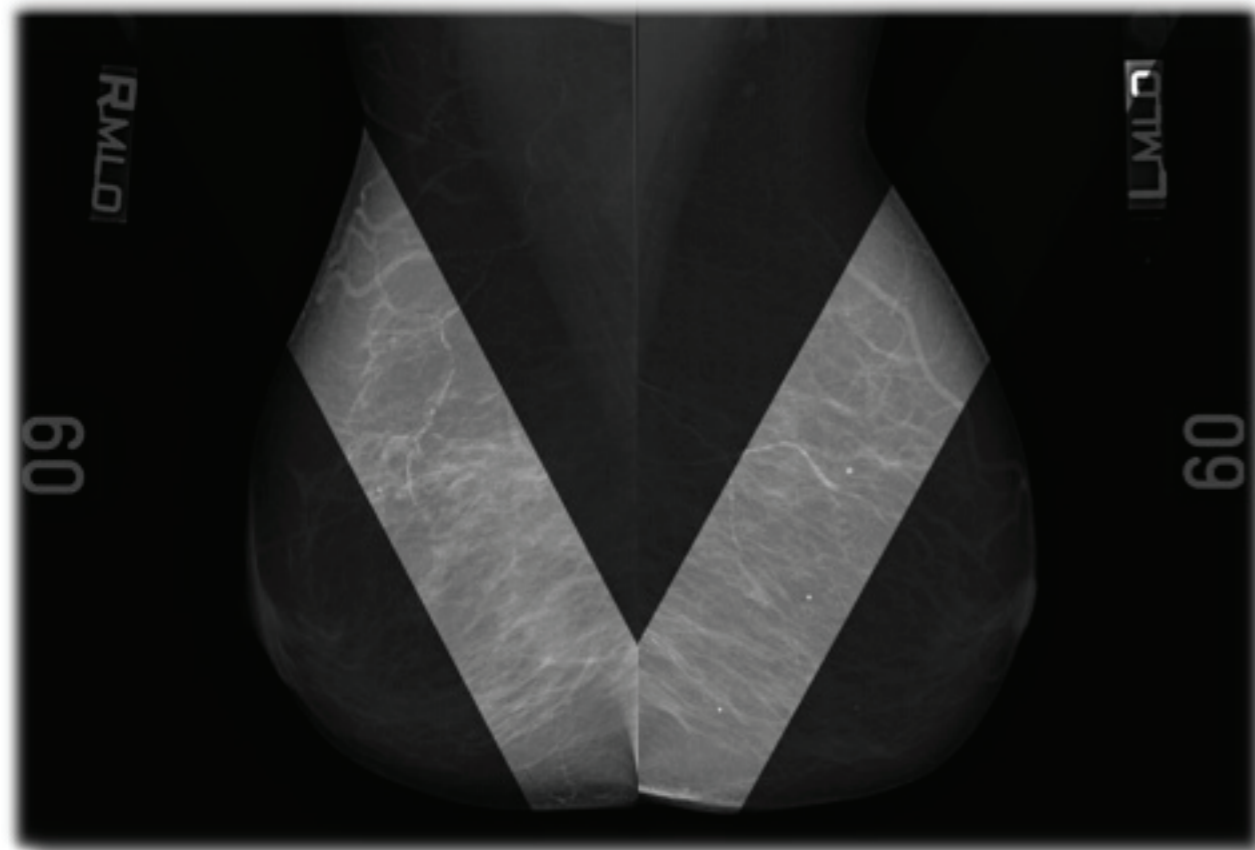
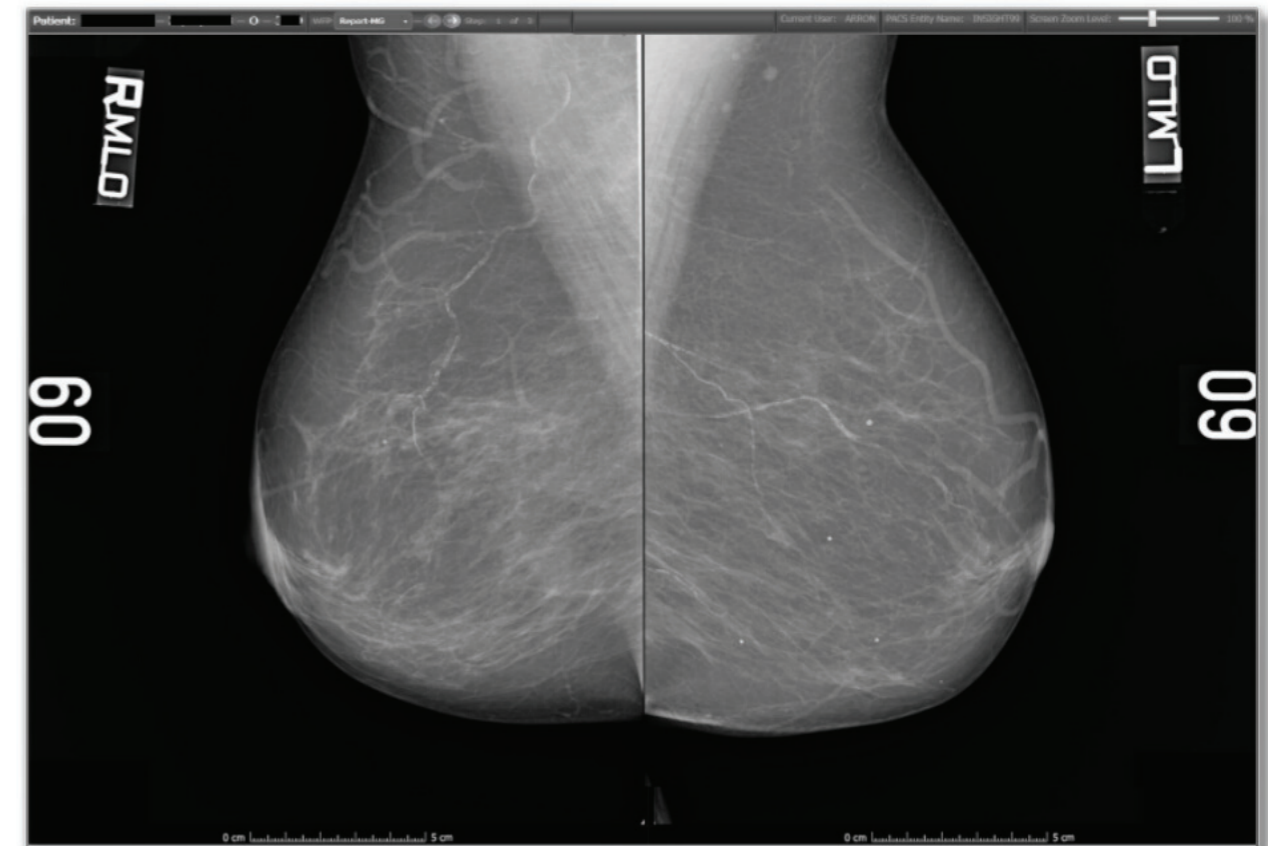
## Mammography Image Viewing Solution

Intelligent routing of images to the workstation improves the speed of loading whilst easy to configure Workflow Protocols minimise the effort required to review all mammograms and relevant priors. A configurable external keypad gives the user rapid access to common features, for example - Next/ Previous protocol, invert, zoom, etc and further improves the speed of reading.

The workstation also gives the reader access to all relevant information such as all previous reports and images plus any scanned requests held on PACS, negating the need to use disparate systems.

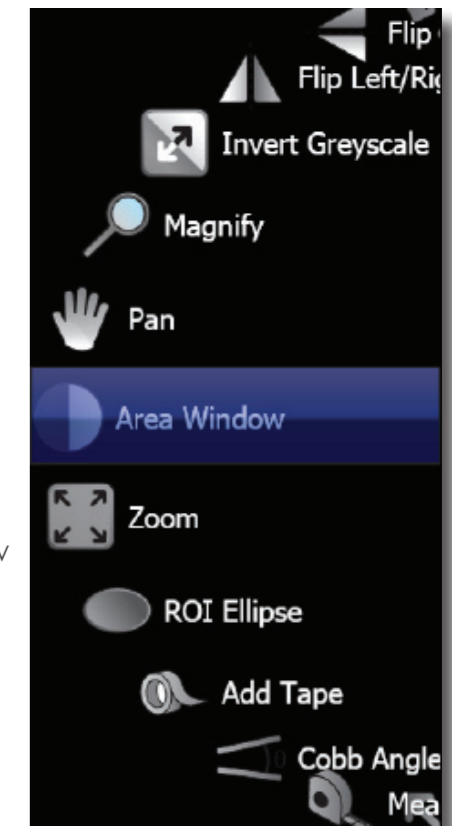
Desktop integration with both NBSS client and Hospital RISs further enhance the use of the software and importantly help to minimise the risk of reading errors.

The InSight Patient Explorer is ideal for creating MDT lists through its intuitive Windows like drag and drop functionality. Changes made on the InSight (Breast) reporting workstation Patient Explorer are immediately updated on the InSight (Web) client.



### General features of InSight

- Roaming desktop profiles
- Easy to use Patient Explorer for reporting worklists and MDT meeting management (for example)
- Synchronised pan, zoom and windowing
- Edge enhancement filters
- Image rotation, mirroring, flipping
- Annotations, shuttering, markers, tape
- Auto-hide / lockable toolbars
- Keyboard shortcuts
- Cine functions for CT, MR and Angio
- DICOM attributes viewable in Demographics window
- Exam request and reports with images
- Colour image support—24 bit US and RNI
- Multi-frame object support (Dual Echo and Dynamic Weighted Imaging for example)
- Comprehensive patient search facility
- Secure logon.



Insignia Medical Systems is one of the UK's major suppliers of medical imaging software. Based in our new and expanded offices in Hampshire, Insignia provides services to over 200 hospitals, clinics and departments in the UK.

As an approved supplier, Insignia is already delivering cost effective PACS solutions through the new NHS Supply Chain Breast Screening PACS Framework.

Our workstation synchronisation and HL7 messaging interface have both been tested and accredited for use with NBSS by Temenos.

Insignia Medical Systems is committed to providing high quality and robust medical devices and hold the following ISO and CE (MHRA) certifications:

- ISO 9001:2000
- ISO 13485:2003 Design, implementation, installation and support of medical software
- CE 0120 93/42/EEC Medical Device Directive



Insignia Medical Systems is a corporate member of the British Institute of Radiology and an NHS Connecting for Health (CfH) ASCC Framework holder.

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