

## 1.1 Product Description

The Advanced Workflow Manager (AWM) is an independent server designed to unify the Selenia® Dimensions® and 3Dimensions™ digital mammography systems under a virtual umbrella for better integration with the departmental workflow of an organization.

The AWM allows compatible Hologic systems to communicate and exchange images with each other. The AWM tracks the patients, procedures, and images acquired on all systems within an AWM cluster. In addition, the AWM distributes received notices, synchronizes technologists marking notices as viewed, and provides images to all systems within the cluster.

For installation and service instructions of the AWM server, see the *Selenia Dimensions/3Dimensions Advanced Workflow Manager Installation & Service Manual*.

## 1.2 Sharing of Patient Tasks

The AWM manages acquired images from all connected Hologic digital mammography systems and provides the ability to share them among those systems. Therefore, images acquired on one system are available to all other systems, so that a technologist (if need be) can continue an examination/procedure on another system in a seamless manner.

## 1.3 Communication Between Radiologist and Technologist

The AWM acts as a link between the radiologist and the technologist, and among technologists. The AWM distributes notices received from Hologic Review Workstations to all connected Hologic Acquisition Workstations. The AWM also conveys notices marked as viewed by a technologist on one Hologic Acquisition Workstation to all other connected Hologic Acquisition Workstations, and to other Hologic Technologist Workstations.

## 1.4 Efficient Access of Prior Studies

A PACS or other pre-fetch and routing device can send relevant prior studies for scheduled patients to the AWM server, thus making them available to all connected Hologic digital mammography systems in the cluster. This workflow is much more efficient than sending all relevant prior studies to each Hologic digital mammography system individually.

Hologic digital mammography systems connected to an AWM cluster display an Enterprise tab on the Select Patient screen. This tab shows a list of all available prior studies and all studies acquired on systems within an AWM cluster. Distribution of the studies is managed on-demand from this tab. See the respective *Selenia Dimensions* or *3Dimensions System User Guides* for information on accessing this feature.