

## WorkstationOne™ Technical Data

- Runs on Windows with the dotnet framework (2.0 at minimum).
- To be used with one color monitor for user navigation and two high-resolution monitors (FDA cleared for primary diagnosis of mammograms).
- Acts as a storage SCP for MG for-presentation studies, US, MRI, GSPS and Mammography SR reports.
- Acts as storage SCU to output GSPS or SC for report or measurements.
- Optionally utilizes available modality worklist, general-purpose worklist, and reporting worklist as hints for up-coming studies (to trigger pre-fetch) and composing an interpretation worklist.
- Optionally utilizes general-purpose performed procedure step to report progress in the reporting workflow.
- Optionally acts as a SCP for modality performed procedure step - so that an acquisition device can be configured to notify the workstation of completion of an acquisition.

### Enterprise features:

- Follows industry standards, compatible with IHE Mammo guidelines.
- Images and SR can be pushed to the workstation, or can be retrieved from PACS.
- Two levels of pre-fetch - optimistic storage to local disk based on an expected worklist, plus caching to memory during the reading cycle using the interpretation worklist.
- Even with no user logged in, the system automatically pre-fetches studies.
- Application honors the security settings of the enterprise - so can work within the policies that an enterprise implements as part of its HIPAA compliance.

### OEM vendor features:

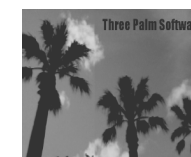
- Software-only install, so can easily be deployed in the field
- Runs on a range of Windows platforms (e.g., XP, XP-x64 and Vista)
- Low maintenance - system pre-fetches and cleans up data automatically.
- Stand-alone configuration tool (allowing service configuration of site settings).
- Customization capabilities include the ability to provide alternate mechanisms for triggering pre-fetch.

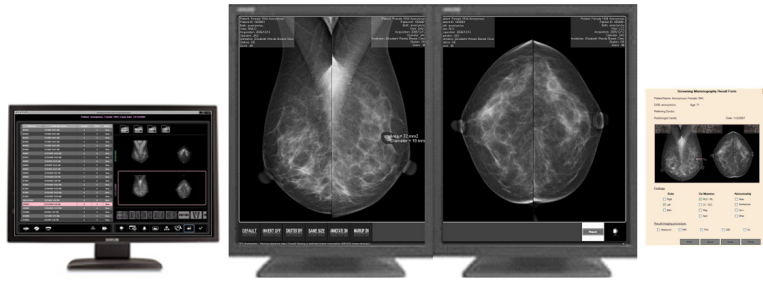
**Dexela**

**WorkstationOne™**

**Mammography  
Workstation**

**Powered by Three Palm Software**





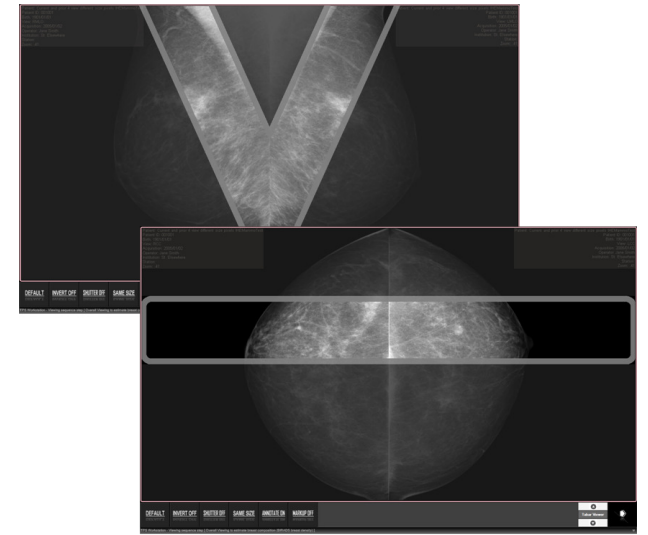
**WorkstationOne™** is part of a range of leading-edge software products for mammography. These products include radiologists' interpretation workstations and computer-aided diagnosis (CAD) servers.

## Dexela WorkstationOne™ – Mammography Reading System

WorkstationOne™, offers a distinctly different style of enterprise integration and interpretation workflow, we understand the data-intensive challenges that radiologists are facing when moving to digital mammography, and the need to review digital mammograms as efficiently as they can read films on motorized light boxes. The workstation's elegant and simple interface is designed to meet the most demanding radiologists' needs.

### User advantages:

- “Single-click” navigation streamlines reading sequences from opening a study to generating a report.
- Customized mammographic-specific reading and hanging protocols for both screening and diagnostic study interpretation.
- Incorporates expert viewing methodology including Tabár's systematic viewing masks for searching for subtle radiographic abnormalities.
- 8 current and prior images are displayed immediately when the next study is opened, with multiple priors accessible by single click.
- Current images are high-lighted in all hanging protocols to minimize the risk of misdiagnosis from priors.
- Full-resolution image viewing navigated using a mouse wheel; visual tracing of pixels that have been viewed – no need to manually pan and zoom the images to view all pixels at full resolution.
- Electronic grease pen allows the radiologist to markup the image display any time; and automatically generate corresponding mammography recall form and/or screening report.
- Range of modalities – FFDM, CR, digitized films, ultrasound and MRI; integrated CAD and GSPS display.



Tabár's Systematic Perception Viewing Masks

For more information, contact Dexela:

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**Dexela**

