MAMMOVISTA B.smart

Full spectrum. Exceptional performance.

siemens-healthineers.com/mammovistabsmart

SIEMENS Healthineers

Designed for speed

Delightful to use

Connected for real outcomes

MAMMOVISTA B.smart™ at a glance

- MAMMOVISTA B.smart delivers exceptional performance for tomosynthesis reading in a multimodal environment.
- Next-gen AI[1]-powered tools enable increased accuracy[2] in diagnosis.
- Fast-loading IT architecture[3] has the potential to significantly increase the operational performance of tomosynthesis.
- The user-friendly Siemens Healthineers User Interface (SHUI) reading cockpit is designed for effortless customization and an appealing, intuitive workflow.
- As part of the Siemens Healthineers Syngo Carbon portfolio, it easily connects across departments and clinical pathways.

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Full spectrum. Exceptional performance.

Our Breast Health 360° portfolio has a progressive new reading solution that covers the full spectrum of multimodal breast reading diagnostics with fast, AI-powered tools.

Due to the rise of tomosynthesis in screening and diagnostics, radiologists are faced with an increased workload and are often under pressure to produce results faster. Efficiency and accuracy are the key to excellent patient care. MAMMOVISTA B.smart combines a high-performance IT architecture, a brand new intuitive interface, and a variety of intelligent tools to support users in optimizing reading performance and diagnostic accuracy. This smart software is vendor-neutral, and covers the full spectrum of multimodal diagnostics from mammography to MRI and ultrasound.

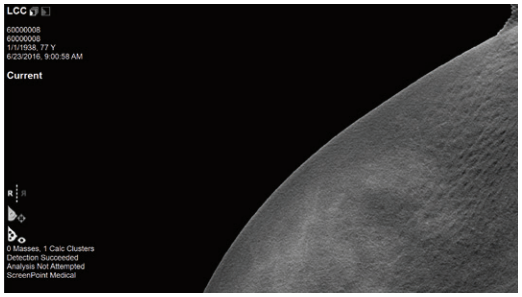
MAMMOVISTA B.smart is designed for speed, delightful to use, and connected to the Syngo Carbon family for real outcomes. It provides access to next-gen AI[1]-powered tools to enable users to focus on what matters most: fast diagnosis with high confidence.

Designed for speed: MAMMOVISTA B.smart is built on a new software architecture with fast client-side rendering, and AI-powered tools that help increase diagnostic accuracy. All data, settings and MRI toolbox are immediately available in the application.

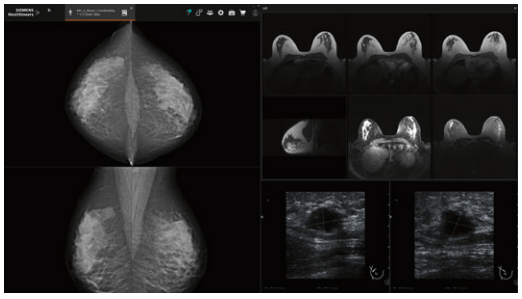
Delightful to use: This game-changing new interface based on SHUI design is highly intuitive and user-friendly. Customizing the workspace according to user preference is quick and easy. Reading management is streamlined with patient triaging and automated features.

Connected for real outcomes: Our smart software is part of the Syngo Carbon enterprise for seamless generation of more diagnostic knowledge. Clear clinical value stems from improving economic performance with optimized TCO costs[3] and a workload reduction of 35%.[4]

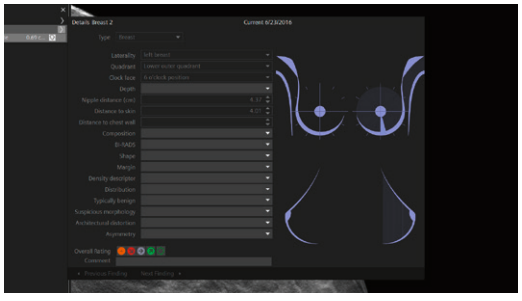
Transforming clinical operations in breast reading for high diagnostic certainty.



Smart image text



Full spectrum multimodal diagnostics



Intelligent o'clock positioning

Designed for speed

Boost your tomosynthesis reading performance

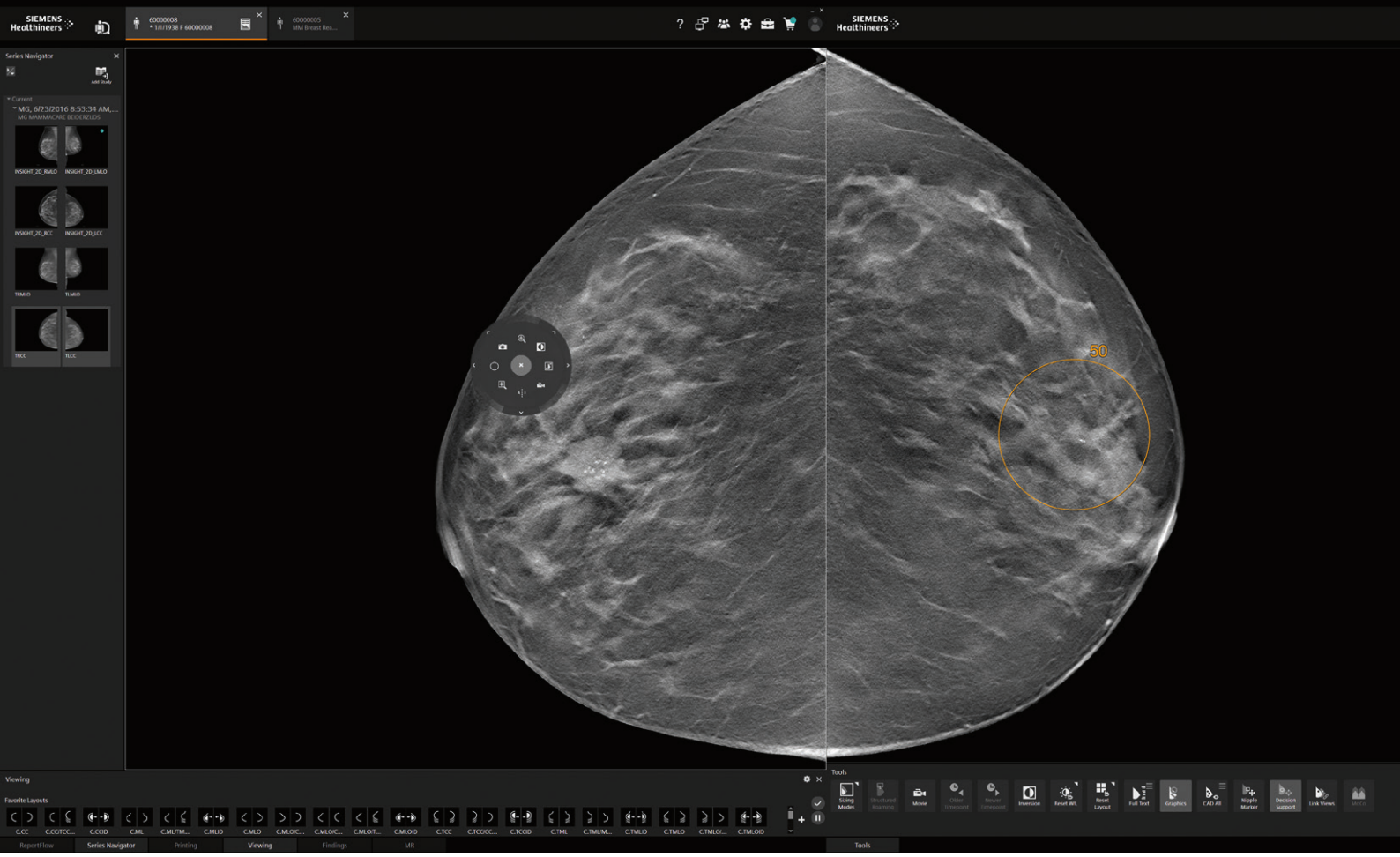
Innovative architecture, intelligent features, and up to 75%[3] faster image loading lead to new levels of accuracy and speed.

SmartTomo Navigation can jump from a specific lesion area in the synthetic image to the relevant tomosynthesis slice in the same view with one click.

FastTomo Movie Mode delivers quick overviews and immediate comparisons in high-speed tomosynthesis videos.

Smart image text direct stacking of diverse views, slab modes, and priors accessible.

Intuitive pictogram for smart and consistent orientation in every tomosynthesis view.



Interactive AI-based lesion scoring and SmartSelect Menu

Access multimodality data for fast diagnostic confidence

Comprehensive multimodal diagnostic capabilities offer detailed analysis and comparisons.

Dedicated MR layouts for display and comparison with ultrasound or mammography images.

Real-time analysis and confident planning with multimodal data, tools, and settings immediately available in one application.

Syngo Carbon open interface unifies reading applications for any clinical field.

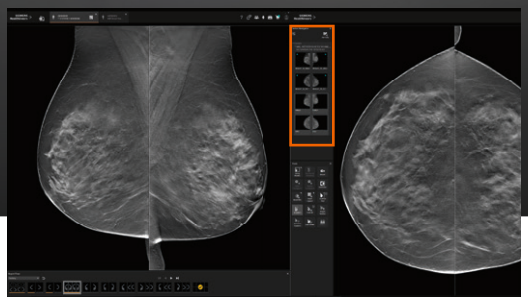
Increase your diagnostic accuracy by up to 10%[2]

Next-gen AI[1] provides objective decision support and reading prioritization.

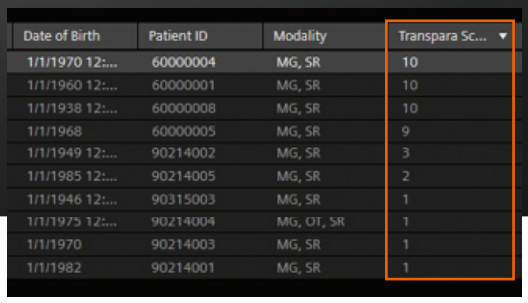
Interactive decision support with next-gen AI[1] significantly reduces reading time and increases accuracy.

Intelligent o'clock positioning calculates the quadrant and o'clock position of the specified lesion in 3D.[1]

Interactive AI-based lesion scores combine with the unique exam score to reflect the level of suspiciousness.



SmartSeries Navigator



Date of Birth	Patient ID	Modality	Transpara Sc...
1/1/1970 12:...	60000004	MG, SR	10
1/1/1960 12:...	60000001	MG, SR	10
1/1/1938 12:...	60000008	MG, SR	10
1/1/1968	60000005	MG, SR	9
1/1/1949 12:...	90214002	MG, SR	3
1/1/1985 12:...	90214005	MG, SR	2
1/1/1946 12:...	90315003	MG, SR	1
1/1/1975 12:...	90214004	MG, OT, SR	1
1/1/1970	90214003	MG, SR	1
1/1/1982	90214001	MG, SR	1

SmartSort Technology

Delightful to use

Customize your cockpit in SHUI design

The game-changing new interface of MAMMOVISTA B.smart has a clear and intrinsically logical structure based on SHUI design.

Floating panels adapt seamlessly to any individual and momentaneous reading needs, and can be placed anywhere or deactivated to focus on the image.

SmartSeries Navigator provides intuitive bilateral overviews, and clearly marks non-reads.

New layout editor offers a wide variety and open configuration for 2D, 3D, contrast-enhanced, biopsy, and multimodal layouts.

Focus on diagnosis with smart tools

Intelligent tools create an efficient and delightful working environment that contribute to a confident diagnosis.

Instant ReportFlow assignments automatically selects and prepares the right ReportFlow for each clinical task.

SmartSort Technology streamlines patient management with AI[1]-based patient triaging.

SmartSelect Menu conveniently organizes all tools in an intuitive, customizable menu.

Fleet Level Benefits

**Unlock your potential –
and increase the efficiency across your imaging fleet**

As a healthcare provider you are forced to do more with less, you have to run your radiology department more efficiently. A high level of complexity makes it challenging for you to reach the desired efficiency. Siemens Healthineers offers specific solutions across the entire X-ray portfolio that let you standardize, analyze, and secure your fleet. Experience consistency, transparency, and confidence as valuable Fleet Level Benefits and improve outcomes, increase efficiency – which helps to achieve greater staff and patient satisfaction.

Standardize for consistency

- Systems with highly intuitive user interfaces and common workflows
- Staff with consistent knowledge level
- Unified image quality and same image impression

Analyze for transparency

- Consolidated data in one place
- Analyzed and evaluated data turned into valuable information

Secure for confidence

- Protect large IT network and imaging fleet with one cybersecurity philosophy
- Same maintenance cycles and update strategies for the whole fleet

Connected for better outcomes

Expand with ease whenever you want

Scalable packages can easily be expanded in terms of connectivity and functionality.

Professional 2D & 3D Reading provides smart features for fast, vendor-neutral diagnostics.

Advanced Breast Diagnostics adds highly-advanced features, automated reporting, and 3D CAD capabilities.

Next-gen AI Diagnostics combines Transpara® powered by Fusion AI™[6] for next-level evidence-based reading.

Advanced Multimodal Analytics is a comprehensive tool box for multimodal comparative reading and processing.

Broaden your opportunities with Syngo Carbon

MAMMOVISTA B.smart is part of Syngo Carbon, the new enterprise imaging and reporting solution from Siemens Healthineers. More diagnostic confidence can be obtained across the enterprise by connecting to other applications and potentially harnessing even more data with just one click.

Clear clinical values stems from optimizing the management of growing workloads: Combining faster reading performance with AI-powered tools,[1] MAMMOVISTA B.smart improves your economic performance with up to 15% optimized TCO costs[3] and a 35%[4] reduction in workload.

MAMMOVISTA B.smart is currently pending 510(k) clearance and is not commercially available. Its future availability cannot be ensured. Please contact your local Siemens Healthineers organization for further details.

1 Next-Gen AI is an option and available with Transpara® powered by FusionAI™, ScreenPointMedical.
2 FDA wide-angle DBT reader study with Transpara, approval number K193229.
3 Data on file
4 Using AI to triage which screening mammograms benefit from a double reading strategy. C Balta, PhD, Nijmegen, Netherlands; A Rodriguez-Ruiz; C Mieskes; N Karssemeijer, PhD; S H Heywang-Koebrunner, MD. RSNA 2020
6 In cooperation with ScreenPoint Medical

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