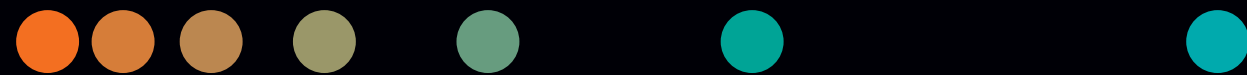


2023-2024

Imaging & Therapy Product Overview

➤ siemens-healthineers.us



Why Siemens Healthineers?



Siemens Healthineers AG (listed in Frankfurt, Germany: SHL) pioneers breakthroughs in healthcare. For everyone. Everywhere. Sustainably. As a leading medical technology company headquartered in Erlangen, Germany, Siemens Healthineers and its regional companies is continuously developing its product and service portfolio, with AI-supported applications and digital offerings that play an increasingly important role in the next generation of medical technology. These new applications will enhance the company's foundation in in-vitro diagnostics, image-guided therapy, in-vivo diagnostics, and innovative cancer care.

Siemens Healthineers also provides a range of services and solutions to enhance healthcare providers' ability to provide high-quality, efficient care.

[↗ Learn more](#)

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Molecular Imaging 	Magnetic Resonance Imaging 	Cancer Therapy Imaging 	Ultrasound 

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Value Partnerships

siemens-healthineers.us/value-partnerships



Value Partnerships offer immense opportunities to innovate healthcare for the good of our customers and the patients they serve. Together, we are driving dramatic change in how and where care is delivered, leveraging our combined expertise along with our complete portfolio of consulting and workforce development services, medical technologies and digital solutions to attain and sustain a shared vision of success. Together, we can achieve more.

Consulting & Transformation

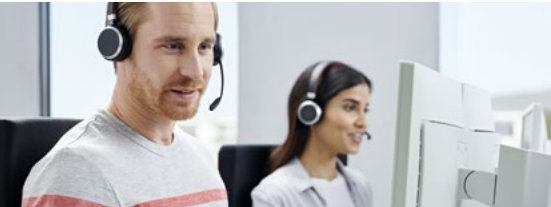
siemens-healthineers.us/healthcare-consulting



Siemens Healthineers Consulting & Transformation capabilities are enabled by the expertise of ECG Management Consultants. With knowledge and expertise built over the course of 50 years, ECG is a national consulting firm offering a broad range of strategic, financial and performance transformation consulting services to help address your organization's complex needs.

Customer Services

siemens-healthineers.us/services



When it comes to getting the most out of your equipment, Siemens Healthineers doesn't take a one-size-fits-all approach to your servicing and maintenance needs. Our customized service solutions are tailored specifically for improving healthcare outcomes, with your clinical, operational, financial criticality assessment in mind.

Education & Workforce Solutions

siemens-healthineers.us/education



The Education and Workforce Solutions suite of products can help you optimize and maximize your people's potential, while expanding and evolving your workforce. Comprehensive, personalized, and future-ready solutions utilize blended learning for enhanced learning retention. The flexibility of onsite, online and virtual training opportunities result in an accessible, personalized and innovative experience.

Implementation Services

siemens-healthineers.us/services/consultation-implementation



Project Management*

An assigned project manager (PM) will work with your facility's management, architect, or building contractor to prepare your site for installation. Your PM will provide drawings and will coordinate the scheduling of the equipment, installation, and rigging, as well as the initiation of on-site applications training.



Design and Construction Services (DCS)*

Get your imaging equipment into service quickly, smoothly, and cost effectively without Design and Construction Services. From room modifications to department planning and renovation, modular construction, or construction of an entirely new facility, you can outsource responsibility to our DCS experts from start to finish.

*Availability of these services may vary by modality.

Asset Planning

siemens-healthineers.us/assetplanning



An Asset Planning Session helps you establish a multi-year plan and budget for maximizing the potential of your systems from Siemens Healthineers. The collaborative session combines your understanding of your business and market with our expertise in system capabilities and optimization. The result is an impartial, evidence-based asset plan that identifies opportunities to improve the performance and extend the life of your systems in support of your clinical and business goals.

ecoline Refurbished Systems

siemens-healthineers.us/ecoline

ecoline

Certified performance.
Exceptional value.

ecoline systems offer the best of technology from Siemens Healthineers for a fraction of the total cost of new equipment. Each system is refurbished following an ISOcertified process and tested with the same specs as new systems. The process goes beyond cleaning, disinfecting, and aesthetic repairs. Customers can configure the system to their exact clinical needs, and we install the latest software, replace worn parts with our certified parts, and provide a full warranty and service to help maximize performance and return on investment. Contact your representative from Siemens Healthineers for details and a complete list of available ecoline systems.

Siemens Financial Services

usa.siemens.com/healthcarefinance



Global pandemics, aging populations and demand for efficiencies are pushing healthcare providers to their limits. While digitalization will help them deal with the challenges and improve patient outcomes, it comes at a cost. Financing from Siemens Financial Services can help remove barriers to investment and help healthcare organizations and providers secure the technology, equipment and facilities they need.

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Angiography & Interventional X-ray

ARTIS icono ceiling		The ARTIS icono ceiling delivers movement flexibility and faster rotational speed not seen in other systems, for shorter acquisition time in 3D. The unique imaging chain features self-adjusting algorithms that regulate the image impression to achieve constant image quality at the lowest achievable dose that can be tailored to each user. Programmable procedure workflows and intuitive tableside controls make it our easiest system to use yet. With an open-source architecture, future 3rd-party integration is assured.
ARTIS icono biplane		The ARTIS icono biplane is the ideal solution for a wide range of interventional therapies. Neuro procedures—and particularly stroke treatment—benefit from artifact reduction in the basal part of the brain with <i>syngo</i> DynaCT Sine Spin. In addition, Lateral Plane Switch enables different specialties, like interventional cardiologists and radiologists, to perform procedures without compromise. The ARTIS icono also introduces a new imaging chain called OPTIQ which allows interventionalist to choose their own image quality preference at a low dose—regardless of a patient’s BMI.
ARTIS icono floor		The ARTIS icono floor is a flexible, multi-axis system that functions like a ceiling system. Its easy-to-use, adaptable design supports improved utilization and growth for all types of procedures and patients. Its revolutionary imaging chain, called OPTIQ, allows interventionalist to choose their own image quality preference, for their procedures, at a low dose—regardless of a patient’s BMI. The system also provides full patient length coverage of 6.8 ft and 6.2 ft lateral coverage for optimal radial access. And with a minimum room size requirement of only 269 sq. Ft, the ARTIS icono Floor supports budgets and space constraints.
ARTIS pheno		Meet the ultimate C-arm for the Hybrid OR with flexible isocenter, 95.5 cm free space and a new imaging chain (OPTIQ). It accommodates highly diverse procedures, disciplines, and patient positions. Integrate surgical tables from Siemens Healthineers, Getinge, and Trumpf Medical. Large anatomical coverage in 3D is possible with large volume CBCT.
Artis one		From unique flat emitter technology to real-time stent enhancement, the Artis one angiography system offers proven technology with next-generation imaging tools.

[siemens-healthineers.us/angio](https://www.siemens-healthineers.us/angio)

Artis zee® multipurpose Available new or refurbished.		C-arm imaging system for universal angiography and fluoroscopy with 30 x 40 flat detector, offering a flexible system architecture with versatile clinical applications for angiography and fluoroscopy.
Artis zee® floor Available new or refurbished.		C-arm imaging system for angiography, cardiology, and surgery with 30 x 40 or 20 x 20 flat detector and an extra small footprint to fit into virtually every lab. With its fast and easy maneuverability, its extremely steep angulations, and its versatile table, a system like Artis zee floor is ideally suited to the needs of interventional cardiology.
Artis zee® ceiling Available new or refurbished.		C-arm imaging system for angiography, cardiology, and surgery with 30 x 40 or 20 x 20 flat detector. Its positioning flexibility allows for imaging from all angles around the patient and easy access from all sides to treat a broad variety of patients.
Artis zee® biplane Available new or refurbished.		C-arm imaging system for angiography, cardiology, and surgery with 30 x 40 and 20 x 20 flat detectors providing clinical applications from neurovascular to spine, abdominal, and cardiovascular imaging. Free head access and large anatomical coverage make it ideal for pediatric imaging, neuro, or EP applications.
Artis Q floor		C-arm imaging system for angiography, cardiology, and surgery with X-ray tube to reduce radiation dose to patients and staff. Artis Q floor is available with the 30 x 40 HDR detector and a 20 x 20 detector. The system offers excellent access to the patient’s head for complex procedures under anesthesia.
Artis Q ceiling		C-arm imaging system for angiography, cardiology, and surgery with X-ray tube to reduce radiation dose for patients and staff. Artis Q ceiling is available with the HDR 30 x 40 detector or a 20 x 20 detector for cardiology imaging. The C-arm can be conveniently positioned around the patient’s left, right, or head side for optimum access.

continued >>

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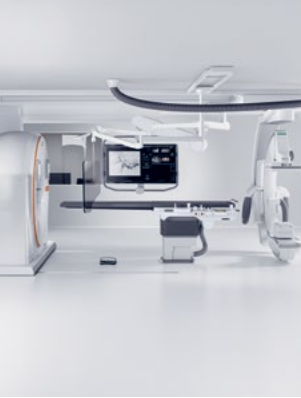
Molecular Imaging

Magnetic Resonance Imaging




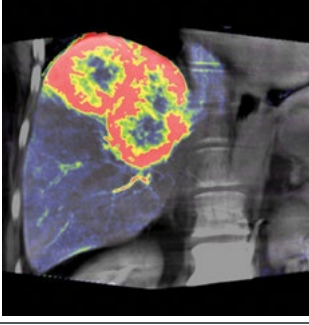
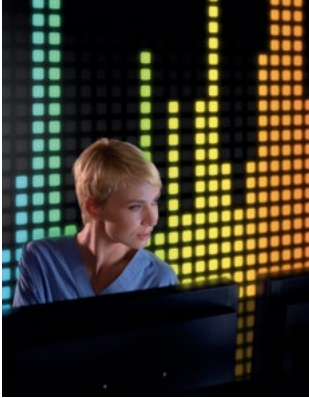
Cancer Therapy Imaging

Ultrasound

Angiography & Interventional X-ray (continued)

Artis Q biplane		C-arm imaging system for angiography, cardiology, and surgery with a X-ray tube allowing further dose reduction to patients and staff. The high-powered tube enables better image quality when imaging obese patients or at steep angles. System is available with HDR 30 x 40 detectors and 20 x 20 detectors.
Artis Q.zen floor		C-arm imaging system for angiography, cardiology, and surgery with X-ray tube and detector technology for ultra-low dose imaging. Featuring a very small footprint, the system offers excellent access to the patient's head for complex procedures under anesthesia.
Artis Q.zen ceiling		C-arm imaging system for angiography, cardiology, and surgery with X-ray tube and detector technology for ultra-low dose imaging. The C-arm can be conveniently positioned around the patient's left, right, or head side for optimum access.
Artis Q.zen biplane		C-arm imaging system for angiography, cardiology, and surgery with X-ray tube and detector technology for ultra-low dose imaging. Artis Q.zen biplane offers excellent patient access and extensive coverage from head to toe to image virtually any patient.
nexaris Angio-CT		The nexaris Angio-CT combines Angio and CT imaging in one environment, eliminating the need for patient transfer or multiple appointments, so you can save valuable time when faced with challenging cases. The nexaris Angio-CT allows you to customize a single or multi-room setup to fit your needs. Seamlessly combining these two imaging modalities into one environment makes routine cases easier and complex cases possible. The nexaris Angio-CT enables you to make the right treatment decisions in real-time for your patients.

 [siemens-healthineers.us/angio](https://www.siemens-healthineers.us/angio)

nexaris Angio-CT-MR		Our nexaris Angio-MR-CT solution allows you to seamlessly combine ARTIS Angiography, MAGNETOM MRI, and SOMATOM CT in one environment for valuable image information during any stage of the procedure. And, thanks to the PILOT patient transfer system, developed with our partner Getinge, switching between the surgical table and imaging modalities requires no patient repositioning.
MAGNETOM Artis Combi Suite		The MAGNETOM Artis Combi Suite allows users to combine MR and angio imaging. It integrates diagnostic imaging with therapeutic interventions and thus gives the ability to merge the advantages of both modalities. Patient transfers are fast and smooth as the patient is kept on the same support throughout the entire procedure.
CARE+CLEAR		CARE+CLEAR provides customers with the preferred image quality at low dose, supporting confident decisions in diagnosis and treatment as well as increasing the safety of both patients and clinical staff. It comes standard with all Artis systems.
Advanced 3D/2D syngo applications		Portfolio of 2D and 3D imaging applications for angiographic interventional procedures.
Sensis Vibe		Sensis Vibe is the vital core where events, decisions, measurements, and data from your procedures are captured. It reduces administrative effort and standardizes documentation and reporting across interventional entities. With its unique FlashDoc user experience, Sensis Vibe speeds up and smooths documentation, allowing staff to focus on the patient and procedure. Sensis Vibe communicates discrete data, ensuring complete, consistent information beyond cath, and connects with your IT system.

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Cios Spin



The Cios Spin offers 2D and true cone-beam CT 3D imaging for with new insights and more certainty in your procedures. Designed to provide the best of both worlds: 2D imaging can be used to visualize the location of devices and patient anatomy. 3D cone-beam CT can be used to check for integral changes before the procedure and to intraprocedurally verify anatomy and relative device placement in three planes with confidence.

Cios Alpha



Cios Alpha® is a high-definition 2D mobile C-arm that is designed to give you detail in the most demanding cases. Thanks to its upgraded imaging chain and dedicated CARE technologies the Cios Alpha is designed for optimal image quality at the right dose in each individual case. With options in detector size, motorization, touch screen controls and unique active cooling, you can handle even the more complex cases with ease.

Cios Flow



This new mobile C-arm was designed to make your procedure more straightforward and efficient while also supporting multidisciplinary utilization. High-end features such as the large CMOS flat detector help ensure high image quality and facilitate the ALARA (as low as reasonably achievable) principle. SpotAdapt and touch gestures simplify workflows, while the lightweight, slim, non-compromising design makes the Cios Flow particularly easy to position and move. New integrated cyber security features protect system and patient data from cyber-attacks.

siemens-healthineers.us/mobile-c-arms

Cios Select with FD



Cios Select with FD comes with premium flat detector technology at an affordable price. Profit from optimal support for your surgical procedures—thanks to flat-detector technology and automated dose optimization. Cios Select is ideal for routine surgical procedures and pain management.

Cios Select with 9" Image Intensifier



Cios Select is equipped with trusted image intensifier technology with a smart, lean design. Easy system maneuverability and high system uptime make this workhorse system a reliable favorite in pain management.

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SOMATOM Pro.Pulse



SOMATOM Pro.Pulse* unlocks advanced procedures such as cardiac CT and spectral imaging for a wide range of hospitals. With proven Dual Source technology, SOMATOM Pro.Pulse enables high native temporal resolution and fast volume acquisition speeds to support you in confidently assessing patients with a high or irregular heart rate or with limited breath-hold capabilities—with the simplicity of myExam Companion. Powered by advanced AI, its intuitive interface intelligently guides users through each procedure and simplifies even complicated CT exams, enabling standardization and reproducibility for users with different skill levels. Patient-centric technologies, such as a gantry integrated 3D camera and innovative visual instructions, enhance both the user and patient experience and confidence. SOMATOM Pro.Pulse makes dual source technology accessible for all, becoming a smart investment to help you achieve operational and clinical excellence.

NAEOTOM Alpha



The NAEOTOM Alpha with Quantum Technology is the world’s first photon-counting CT. At its core is a new kind of detector that is substantially different from a conventional energy-integrating detector, with the potential to overcome the limitations of current CT detectors by delivering high-resolution images at minimal dose, spectral information in every scan, and improved contrast at lower noise. NAEOTOM Alpha is a dual source system and scans at a maximum pitch of 3.2, delivering results with full spectral imaging analysis options even at the highest scan speed. Intelligent guidance with myExam Companion guides operators through diagnostic procedures so they can interact easily with both patients and technology, so this high-end technology is kept accessible for operators of all experience levels.

SOMATOM Force



With the SOMATOM Force, you are two steps ahead in preventive care, freezing motion, and decision-making. It features Turbo Flash Mode and the ability to acquire low kV with high mA. With the rapid acquisition of Turbo Flash Mode, the SOMATOM Force enables free breathing in CT imaging, eliminating motion artifacts for patients who have trouble holding their breath or sitting still. In addition, Dual Energy spectral imaging provides reliable clinical answers with personalized protocols without extra dose.

SOMATOM Drive



A high-performance Dual Source CT system with the Straton® MX Sigma tubes, offering high diagnostic reliability in pediatrics, cardiology, oncology, and emergency medicine. The SOMATOM Drive doubles your low kV power and extends your imaging capabilities using high power 70 and 80 technologies. Utilize free-breathing CT imaging for optimal images even with motion during the scan. Provide more dose precision using 10 kV increments from 70-140 kV, plus a potential reduction in contrast media. CARE Screen (tin filtration) technology reduces pre-filtration scatter, potentially lowering dose and increasing image quality.

SOMATOM X.ceed



SOMATOM X.ceed, our highest performance single source scanner, features intelligent user guidance with myExam Companion, enabling technologists of any skill level to unlock the full potential of the systems high-end features and capabilities to support even the most complex protocols such as Cardiac, Neuro and Dual Energy exams. Combined with the Vectron™ X-ray tube, Stellar^{Infinity} Detector, TwinBeam Dual Energy, and the FAST 3D camera, the system empowers users to generate consistent, comprehensive clinical results, while also offering the optimal patient experience with the 82 cm bore, a tablet-based workflow, integrated patient camera and visual patient instructions. It additionally features high resolution imaging for up to 1024x1024 matrix size and an 8kHz sampling rate, UHR comb, and the fastest rotation on a single source scanner at 0.25s.

SOMATOM X.cite



SOMATOM X.cite, a high performance single source scanner, features intelligent user guidance with myExam Companion, enabling technologists of any skill level to unlock the full potential of the system’s high-end features and capabilities to support even the most complex protocols such as Cardiac, Neuro and Dual Energy exams. Combined with the Vectron™ X-ray tube, Stellar^{Infinity} Detector, TwinBeam Dual Energy, and the FAST 3D camera, the system empowers users to generate consistent, comprehensive clinical results, while also offering the optimal patient experience with the 82 cm bore, a tablet-based workflow, integrated patient camera and visual patient instructions. It additionally features high resolution imaging for up to 1024x1024 matrix size.

*This system is pending 510(k) clearance, and is not yet commercially available in the United States.

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Computed Tomography (continued)

SOMATOM go.Top



SOMATOM go.Top delivers advanced imaging capabilities for full line hospital work such as trauma and advanced cardiac. With all of the innovative workflow and reliability features found on the SOMATOM go.platform, the SOMATOM go.Top is a 128-slice CT scanner that is designed to support high volume emergency departments as well as advanced fields such as TwinBeam Dual Energy—a dose-neutral approach to dual energy imaging in clinical routine. The SOMATOM go.Top features an easy-to-learn tablet-based workflow, myExam Companion and a fast acquisition to make previously complex procedures for coronary CTA more patient friendly and more reproducible.

SOMATOM go.All



SOMATOM go.All allows you to take on advanced CT procedures in the busiest imaging departments. Our SOMATOM go. scanners feature a unique tablet-based mobile workflow, user guidance with myExam Companion and GO technologies, and innovations such as Tin Filter low dose-technology. The 64-slice CT scanner delivers a fast 0.33s rotation speed and a new 75 kW generator and X-ray tube that enables personalized, low dose scanning for your patients. The SOMATOM go.platform is also designed for high reliability with a strategy of only needing one preventive maintenance day every 36 months—which means less planned downtime for the scanner.

SOMATOM go.Up



SOMATOM go.Up leverages a wireless tablet and remote control to deliver a mobile workflow with our myExam companion simple user interface to bring new levels of patient-focused and consistent care. This 64-slice CT benefits from outstanding image quality with the integrated Stellar detector and SAFIRE Iterative Reconstruction. Tin Filter technology enables improved dose efficiency and optimizes exams for early detection, for example in low-dose lung cancer screening. With Recon&GO technology, routine and time-consuming reconstruction tasks can be completely automated. This scanner can address all of your routine imaging needs and help you expand clinical capabilities with optional Calcium Scoring.

[siemens-healthineers.us/ct](https://www.siemens-healthineers.us/ct)

SOMATOM go.Now



SOMATOM go.Now utilizes a wireless tablet and remote control to deliver a mobile workflow with myExam Companion’s simple user interface to bring new levels of patient-focused and consistent care. This 32-slice CT benefits from outstanding image quality with the integrated Stellar detector and SAFIRE Iterative Reconstruction. Tin Filter technology enables improved dose efficiency and optimizes exams for early detection, for example in low-dose lung cancer screening. With Recon&GO technology, routine and time-consuming reconstruction tasks can be completely automated. This scanner addresses routine imaging needs and is ideally suited to supplement specialty practices such as orthopedics, veterinary, coroner’s offices and more.

SOMATOM On.site



SOMATOM On.site provides portable head CT imaging for critically ill patients right at their bedside in the ICU with reliable SOMATOM image quality. Point of Care imaging transforms care delivery to reduce patient transports and optimize staff deployment. The scanner’s workflow features an easy scan setup via an integrated Touch UI featuring myExam Companion, integrated patient support accessories, and a motorized trolley with integrated camera to help drive and maneuver the system. The telescopic gantry assists in patient positioning and offers a self-shielded system, with the tube and detector moving away from the patient during scans, to reduce scatter radiation.

Advanced Visualization Software

syngo.via for CT



syngo.via offers 3D routine and advanced reading for improved efficiency, flexibility, and intelligence in clinical routines. It supports trendsetting applications that minimize postprocessing complexity and provide standardized results through robust algorithms and intelligent processing automation. The following syngo.CT clinical packages can help customers expand their clinical capabilities:

- Routine CT Package
- Acute Care CT Package
- Cardiovascular CT Package
- Neurology CT Package
- Oncology CT Package

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Imaging IT		
Syngo Carbon		Syngo Carbon is an enterprise imaging and reporting solution, designed to improve patient care. Syngo Carbon opens a new level of possibilities in image interpretation, reporting, Artificial Intelligence (AI), and data management. Syngo Carbon provides extensive tooling and open data models across modalities in one integrated and user-friendly workspace.
syngo Dynamics		<p>This Cardiovascular Imaging and Information Solution offers enterprise wide reading and smart structured reporting through a single system, driving your outcomes. It helps to enable enhanced outcomes, increased performance, and improved operational efficiency.</p> <ul style="list-style-type: none">• High-quality data to improve outcomes and enable value-based care• Increased performance through single point, enterprise-wide access to data and images• Operational efficiency through advanced IT capabilities
syngo Workflow		<p>syngo Workflow is a patient-centric enterprise imaging workflow solution focused on the clinical and business requirements of departments serving medical imaging. The enterprise imaging workflow approach expands the syngo Workflow SLR capabilities in imaging productivity and performance beyond the Radiology department. It helps maintain a high standard of quality care, decrease operational costs, and increase efficiency.</p> <ul style="list-style-type: none">• Maintain high standard of quality of care through access to relevant data enterprise-wide• Decrease operational costs through new tools and utilities• Increase efficiency through paperless workflows
Digital Pathology		Together with partners Hamamatsu and Proscia, our state-of-the art solutions can enable the transition from manual microscopy to digital pathology. The NanoZoomer ¹ S360 high throughput scanner generates high-quality whole-slide-images enabling the benefits of digital, while retaining the confidence of glass. The Concentriq Dx ² software platform manages the workflow of modern digital pathology as an AI-ready, scalable, and open solution, enabling integration and interoperability throughout your network. Syngo Carbon ³ provides enterprise management and the cost-effective storage of whole-slide-images while enabling patient centric views of data across modalities.

Clinical & Efficiency Solutions

AI-Rad Companion		AI-Rad Companion ⁴ product family provides automated post-processing of medical images by integrating Artificial Intelligence (AI) algorithms. The results generated by AI-Rad Companion can be sent to predefined systems that can receive DICOM objects, such as the PACS workstation. AI-Rad Companion supports the following modules: Chest CT, Brain MR, Prostate MR and Organs RT.
syngo.via		syngo.via ⁵ is the intelligent imaging software for multimodality reading that helps to master growing amounts of imaging data in less time. It works with a clearly structured screen that is tailored to the customer's style of reading with fewer clicks and more ease. In short: syngo.via is reading as it should be. Get the most out of your images. Whether you look at CT, MI, or MRI images, read mammography or prepare for radiation therapy, with syngo.via, you read your cases regardless of modality in one place. When you open a case in syngo.via, you immediately see the information relevant to you. syngo.via reports are clearly arranged and enriched by images such as photorealistic Cinematic VRTs, trendings, and actionable data. syngo.via can easily be integrated into existing information systems—simplifying the distribution of results inside and outside of your department.
syngo.via Frontier		<p>syngo.via Frontier is your Siemens Healthineers research environment for advanced postprocessing in medical imaging. Whether you want to evaluate new postprocessing techniques in medical imaging, or develop your own algorithms in close link with clinicians to evaluate the potential impact of your ideas.</p> <p><i>For research use only. Not for clinical use.</i></p>
syngo.via View&GO		syngo.via View&GO is your intuitive multimodality reading and viewing solution. It is your smart access to speed up your daily routine equipped with a wide range of expert tools for confident clinical decision making and it is cleared for diagnostic use. It is easily downloaded, self-installed, and ready to use on your own hardware. syngo.via View&GO drives performance and simplicity in your usual work style. You can start reading straight away and evaluate your studies with ease—located in one familiar and intuitive environment known from CT View&GO.

¹Siemens Healthineers is not the legal manufacturer of Nano Zoomer. Any claims made for the product are under the sole responsibility of the legal manufacturer. Nano Zoomer consists of several models and may not be commercially available in all countries. Please contact your sales representative for more information.

²Siemens Healthineers is not the legal manufacturer of Concentriq® Dx. Any claims made for the product are under the sole responsibility of the legal manufacturer. Concentriq® Dx may not be commercially available in all countries. Please contact your sales representative for more information.

³Syngo Carbon consists of several products which are (medical) devices in their own right. Some products are under development and not commercially available. Future availability cannot be ensured.

⁴AI-Rad Companion consists of several products that are (medical) devices in their own right, and products under development. AI-Rad Companion is not commercially available in all countries. Its future availability cannot be ensured.

⁵syngo.via can be used as a standalone device or together with a variety of syngo.via-based software options, which are medical devices in their own right. syngo.via and the syngo.via-based software options are not commercially available in all countries. Due to regulatory reasons, their future availability cannot be guaranteed. Please contact your local Siemens Healthineers organization for further details.

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Digital & Automation Solutions (continued)

Clinical & Efficiency Solutions (continued)

syngo Virtual
Cockpit



syngo Virtual Cockpit enables you to provide comprehensive remote scanning capabilities within the hospital IT network, regardless of the physical location of your skilled technologist. They can now assist on three exams at once, distributing their skill and valuable insights.

Teamplay
Performance
Management
Applications

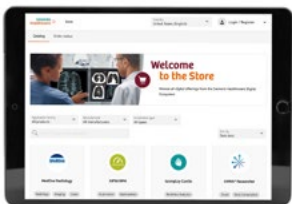


teamplay applications for performance management in healthcare help you make quick and well-informed decisions by offering a clear overview of your clinical and operational performance data. Analyze imaging throughput, radiation dose levels, and scan protocols from a departmental view down to each device and procedure. Identify and implement measures to standardize clinical operations and simplify your reporting.

Digital Marketplace

marketplace.teamplay.siemens-healthineers.com/apps

Digital
Marketplace



With the aim of creating a digital health ecosystem and enabling smart use of health-related data, we provide an open and secured environment for a wide range of healthcare stakeholders to share, access, and analyze data. The Digital Marketplace is the entry point, connecting you with an evergrowing portfolio of applications from solution partners and Siemens Healthineers, covering clinical, operational, and financial functions in healthcare delivery, and enabling you to get the most out of your healthcare data.*

*Siemens Healthineers is not acting as a manufacturer or reseller for third-party products/medical devices in the digital marketplace.

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Fluoroscopy & Radiography

Twin Robotic X-ray

[➤ siemens-healthineers.us/robotic-x-ray](https://siemens-healthineers.us/robotic-x-ray)

Multitom Rax



Discover the future of radiology with Multitom Rax, the pioneering Robotic Advanced X-ray system. Conduct a wide range of X-ray procedures in one room, unlock 3D bone imaging with Real3D*, and enhance diagnostic confidence with True2Scale Body Scan*, all while minimizing radiation exposure. Multitom Rax's robotic automation prioritizes patient comfort, ensures consistent diagnostic results, and boosts workflow efficiency. Stay ahead of the curve with the Twin Robotic X-ray system.

Fluoroscopy

[➤ siemens-healthineers.us/fluoroscopy](https://siemens-healthineers.us/fluoroscopy)

LUMINOS Lotus Max



LUMINOS Lotus Max is a premium 2-in-1 fluoroscopy and radiography system that delivers perfect flow across both disciplines. Achieve better flow through SMART solutions that assure flawless imaging. You'll see the flow advantages through the system's versatility—one system covers a wide range of exams and diverse patient types, from pediatrics and bariatrics to geriatrics. You'll feel the flow through proven CARE solutions that reduce dose without compromising clinical outcomes. The result? A better patient and staff experience.

LUMINOS Agile Max



A more radical way in fluoroscopy. It's a patient-side fluoroscopy system with features that enable safer use, sharper imaging, and stronger synergies between fluoroscopy and radiography. It supports your efforts to maximize patient satisfaction and image quality in the shortest time possible.

Radiography

[➤ siemens-healthineers.us/radiography](https://siemens-healthineers.us/radiography)

YSIO X.pree



Discover a new way to reduce unwarranted variations in images. Meet YSIO X.pree, the digital X-ray system that ushers in a new era of intelligent imaging. Choose how images display based on pre-programmed flavors with my Exam Companion. Leverage pre-set, age-based protocols. Deliver consistent images by using these and the new MyCollimation features. Go beyond the images with reliable information that helps you shape the future today and prepare for the developments of tomorrow.

*Real3D and True2Scale Body Scan features require the syngo.via View&Go workstation.

MULTIX Impact C



Our MULTIX Impact family gives you the flexibility to match your radiography system to your space, and to your operational and clinical needs. Impact C stands for high-end user-assisting technology at an economical price. myExam Companion will launch you into the new era of intelligent imaging, where digitalization turns data into built-in expertise. AI Rad Companion is a family of vendor-neutral, multi-organ augmented reality reading solutions that automatically prepare images for radiologists.

MULTIX Impact



MULTIX Impact is our answer to floor-mounted radiography. It's high-end technology at an economical price to expand access to care. Its user-friendly imaging system, state-of-the-art detectors, and optimized imaging and postprocessing help improve workforce productivity and clinical operations.

SHARP FM



For many small imaging centers, access to state-of-the-art X-ray systems is a significant challenge. Though X-ray is their most common imaging exam, barriers like cost and electrical requirements make high-end technology inaccessible. It's time for an advanced technology system built for smaller facilities, where quality imaging meets enormous value. It's time for SHARP FM, our answer to advanced single-phase floor-mounted radiography.

MOBILETT Elara Max



MOBILETT Elara Max is a smart, compact and powerful mobile X-ray system that's always ready to go. It delivers exceptional results. Its easy maneuverability and flexible positioning improve productivity and enable consistently high image quality at the patient's bedside for excellent diagnostic certainty.

ArtPix



The ArtPix is part of a new generation of digital radiography imaging solutions that leverages the versatility of the MAX detector from Siemens Healthineers. It's the smart, non-invasive way to digitize and standardize your detector fleet while protecting your investment.

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UROSkoop Omnia Max



Healthcare providers today expect the best image quality, high system ergonomics, and optimal image management from their urology equipment. Uroskoop Omnia Max helps to increase operational efficiency and to enhance your department’s competitiveness with superior imaging technology, truly unrestricted patient access, and an unhindered view of all modalities. Capture the entire KUB in a single shot with the MAX flat detectors, and have clinical images from multiple sources at a glance for a comprehensive view.

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MAMMOMAT®
Revelation



In breast care, seeing the difference can make the difference in a woman’s life. Reveal all that matters with MAMMOMAT® Revelation. Achieve the highest depth resolution with the unique 50° HD Breast Tomosynthesis. Leverage precision patient care with Insight BD direct breast density measurement, which allows instant risk stratification—before the patient leaves. And with our Personalized Soft Compression, you can address your patient’s concerns about discomfort in a unique way. The unique PRIME technology option allows for up to 30% less dose and uncompromised image quality.

syngo.Breast Care®



syngo.Breast Care® is the client-server application for state-of-the-art mammography reading. It’s marked by outstanding flexibility. Shape your workflow according to your personal preferences.

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SPECT & SPECT/CT

Symbia Pro.specta™



Symbia Pro.specta includes intelligent SPECT/CT imaging and a fully integrated, intuitive user interface. Every system is theranostics-ready. The Symbia Pro.specta features SPECT crystal technology clinically proven to reliably manage all SPECT energies, and collimators specifically designed for each isotope.¹ These technologies, together with quantification solutions that are precise and reproducible, give you full theranostic capabilities.

Symbia® Evo Excel



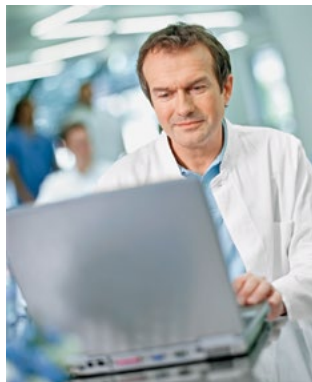
The Symbia Evo Excel is the only SPECT system on the market that fits into virtually any nuclear medicine room.² The system is small but packed with robust capabilities to help you better serve your population without compromising your budget.

Symbia® Evo



Premium SPECT-only system designed to address the challenges of long patient exam times and lengthy routine manual tasks. It offers a wide variety of SPECT-only applications, with the ability to upgrade to a range of SPECT/CT options.

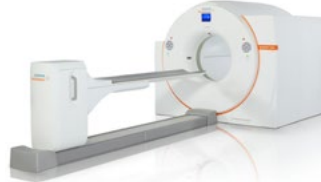
Symbia.net™



MI Workplace with Thin-Client Capabilities. A client-server solution for SPECT and SPECT/CT imaging application that enables anytime, anywhere post reconstruction processing and reading.

PET/CT

Biograph Vision Quadra



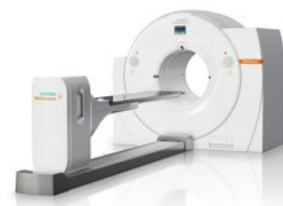
With a 106 cm axial PET field of view, Biograph Vision Quadra³ is designed to allow you to perform a whole-body scan (vertex to thighs) in a single bed position. Engineered to open new research dimensions, the whole body perspective allows you to perform dynamic tracer kinetic studies over multiple organ systems simultaneously. With best-in-class time-of-flight performance and effective PET sensitivity^{1,2}, you can see PET images with outstanding clarity. From evaluating tumor perfusion over time, to better understanding diverse physiological processes, to imaging pediatric patients more rapidly compared to conventional scanners and with a reduced need for sedation, Biograph Vision Quadra takes the potential of PET/CT even further.

Biograph Vision™



Biograph Vision™ is the next generation of PET/CT scanners that empowers our customers to see a whole new world of precision. It goes beyond digital to reveal the bigger picture, maximize efficiency, and help our customers to better understand disease progression. It provides unique detector crystals and the industry's fastest Time of Flight^{2,4} for high detectability of small lesions. Its state-of-the-art technology enables high-quality scans with lower dose in less time without compromising image quality. Biograph Vision's combination of improved resolution and effective sensitivity helps to better understand disease progression and treatment resistance in order to precisely tailor treatment and make earlier adjustments.

Biograph® mCT



Advanced PET/CT scanner for oncology, cardiology, and neurology. Available with multiple imaging options and scalable upgradeability options. Available in 40-, 64-, and 128-slice CT configurations.

¹Data on file.

²Based on competitive literature at time of publication. Data on file.

³The products/features (here mentioned) are not commercially available in all countries.

⁴Measured value, based on phantom studies performed on a single system. Biograph Vision Quadra has ≤249ps time of flight performance based on acceptance values.

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Molecular Imaging (continued)

PET/CT (continued)

Biograph Horizon™



Access to premium PET/CT performance is now within your reach with the introduction of Biograph Horizon. With a low total cost of ownership, you don't have to settle for slow detector technology to add PET/CT to your service line or to replace your existing PET system. Meet XR-29 dose compliance regulations, achieve high clinical accuracy, and simplify workflow operations with Biograph Horizon. Leverage PET's high image quality and quantitative accuracy to support earlier staging of disease and therapy follow-up.

Biograph® mMR



Biograph mMR brings a revolution in diagnostic imaging to life. State-of-the-art 3T and cutting-edge molecular imaging are fully integrated as one. Siemens Healthineers makes possible the simultaneous acquisition of morphology, function, and metabolism. Whole-body MR and PET are fully integrated. Precisely aligned.

Siemens PETNET Solutions



PETNET operates the world's largest network of PET radiopharmaceutical drug manufacturing facilities and dispensing nuclear pharmacies.

Advanced Visualization Software

syngo.via



Explore a multimodality reading solution that always provides you with the performance you need and supplies you with a comprehensive suite of 3D reading applications for all key clinical fields and tasks— from general radiology and oncology to cardiovascular and neurology imaging. It's simply the right solution for your institution. The following *syngo.mCT* and *syngo.SPECT* Engines can help customers expand their clinical capabilities:

- *syngo.SPECT* Cardiology Engine 4DM
- *syngo.SPECT* Neurology Engines
- *syngo.SPECT* Processing Engine
- *syngo.MM* Cardiology Engine 4DM
- *syngo.MM* Neurology Engine
- *syngo.MM* Oncology Engine

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 [siemens-healthineers.us/mr](https://www.siemens-healthineers.us/mr)

High-V MRI

MAGNETOM Free.Max



MAGNETOM Free.Max is the world’s first 80 cm wide bore MRI offering an improved patient experience. MAGNETOM Free.Max offers a helium-free infrastructure, makes access to MRI more affordable, and breaks barriers to explore new clinical opportunities.

1.5T

MAGNETOM Sempra



The MAGNETOM Sempra is offered as a 60cm bore system with the latest generation Numaris X software, a Windows 10 based platform. Numaris X introduces new acceleration techniques, automated workflow technologies, and new clinical capabilities that increase patient access to advanced MRI exams. The system is a perfect fit for veterinary patients.

MAGNETOM Viato.Mobile



MAGNETOM Viato.Mobile delivers high-quality care wherever patients are. This mobile 1.5T MRI scanner offers the flexibility to decide, every day, where MRI services are needed most. Built on our most powerful 1.5T platform, MAGNETOM Viato.Mobile puts cutting-edge AI at fingertips to accelerate and enhance clinical performance. With its intelligent assistance, the system guides users through every step of the workflow, while also putting patients at ease.

MAGNETOM Altea



70-cm, 1.5T scanner features our exclusive BioMatrix technology that automatically adapts to anatomical and physiological characteristics to provide consistent, high-quality imaging for all patient types. BioMatrix architecture and innovative applications simplify and accelerate workflows while increasing exam precision and patient comfort. Tim 4G ultra-high density coils and 180 RF channels enable excellent image quality, while myExam Companion engines enable customizable patient care, user guidance, and exam automation. An optional dockable table with a 550-lb weight limit is available to facilitate easy patient transport.

MAGNETOM Sola



70-cm, 1.5T scanner features our exclusive BioMatrix technology, a collection of sensors, tuners, and interfaces that automatically adapts to anatomical and physiological characteristics to provide consistent, high-quality imaging for all patient types. BioMatrix architecture and innovative applications simplify and accelerate workflows while increasing exam precision and patient comfort. Tim 4G ultra-high density coils and 204 RF channels enable excellent image quality, while myExam Companion engines enable customizable patient care, user guidance, and exam automation. An optional dockable table with a 550-lb weight limit is available to facilitate easy patient transport.

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3T

MAGNETOM
Vida



The first 3T MRI scanner with BioMatrix Technology—embraces human nature and the unique set of challenges that each patient brings to the MRI exam. By embracing these challenges, we overcome patient variability—ushering in a paradigm shift in MRI. The outcome: fewer rescans, predictable scheduling and consistent, high-quality personalized exams for high-end clinical routine as well as clinical research. The Tim 4G ultra-high density coils and 204 RF channels enable excellent image quality, while myExam Companion engines enable customizable patient care. Designed with a 70-cm magnet and up to 60 mT/m gradient strength to support high-end user guidance, and exam automation. An optional dockable table with a 550-lb weight limit is available to facilitate easy patient transport.

MAGNETOM
Lumina



70-cm, 3T scanner features our exclusive BioMatrix technology that gives you full confidence to deliver the productivity, reproducibility, and patient satisfaction that you demand in MRI. BioMatrix architecture and innovative applications simplify and accelerate workflows while increasing exam precision and patient comfort. Tim 4G ultra-high density coils and 180 RF channels enable excellent image quality, while myExam Companion engines enable customizable patient care, user guidance, and exam automation. An optional dockable table with a 550-lb weight limit is available to facilitate easy patient transport.

MAGNETOM
Cima.X*



MAGNETOM Cima.X*, our strongest 3T MRI ever with its 200/200 Gradients, serves the extreme performance requirements of the most advanced applications required by the research community. At the same time, MAGNETOM Cima.X is a fully capable, whole-body clinical system able to perform routine clinical investigations in all body regions by leveraging BioMatrix Technology, automated workflow solutions, and our deep learning image reconstruction technology Deep Resolve. Its collaborative Open Recon platform enables clinicians to integrate customized reconstruction algorithms into clinical workflow to boost translational research.

*The product is still under development and not commercially available yet. Its future availability cannot be ensured.

PET-MR

Biograph mMR



Biograph mMR truly represents hybrid imaging. By combining MRI's excellent soft tissue resolution with PET's ability to detect cellular metabolism into one scanner, PET/MR imaging changes the way we see disease—so that we can effectively treat disease. Its simultaneous acquisition supports improved accuracy, faster diagnosis, fewer appointments, and lower radiation compared to PET/CT scans.

7T

MAGNETOM
Terra



MAGNETOM Terra is the first 7T MRI scanner for diagnostic imaging and is designed for unprecedented breakthroughs in clinical care. This advanced ultra-high-field (UHF) technology has the potential to attract the brightest minds and faculty, sharpen the competitive edge of an institution, and strengthen reputations. It unlocks your potential to publish new insights first and set the pace in diagnostic imaging. Discovering new ground in MRI can help you significantly enhance clinical impact. Imaging at 7T offers more than double the SNR of 3T to support higher resolution for greater detail. MAGNETOM Terra is the first-ever 7T MRI scanner that produces cross-sectional images of the head and knee for diagnostic imaging, intended for patients over 66 lbs.

ecoline Refurbished Systems

MAGNETOM
Aera 1.5T eco



Accommodate more patients with the ultra-short 1.5T scanner, featuring a 70-cm Open Bore design and 550-lb table-weight capacity. Ultra-high density coils combined with 204 RF channels and Dot™ engines allow for customizable patient care, user guidance, and exam automation.

MAGNETOM
Skyra 1.5T eco



Ultra-short MRI scanner (173-cm total system length) with Tim® 4G+Dot™. Tim 4G offers ultra-high density coils combined with [204x24], [204x48], [204x64], [204x128] RF channels. Dot engines provide a customizable framework for patient personalization, user guidance, and exam automation. 70-cm Open Bore design offers more room for patients up to 550 lbs.

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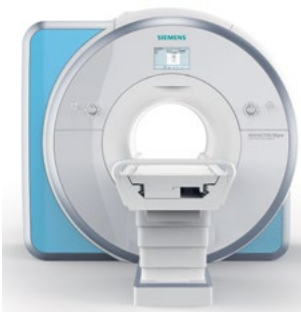
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Magnetic Resonance Imaging (continued)

Upgrades

fit Upgrades



Extend the life of your existing MAGNETOM scanner and potentially improve ROI with a fit upgrade. Scanners can be upgraded to the latest hardware and software platforms, including integrated coil technology with Tim® 4G and MRI protocol management with Dot™.

- Scanners eligible for fit upgrades:
- MAGNETOM Verio to MAGNETOM Skyra Fit BioMatrix
 - MAGNETOM Avanto to MAGNETOM Avanto Fit BioMatrix
 - MAGNETOM Skyra to MAGNETON Vida Fit
 - MAGNETOM Aera to MAGNETON Sola Fit
 - MAGNETOM Prisma to MAGNETOM Cima.X Fit*

Advanced Visualization Software

syngo.via for MRI



syngo.via offers 3D routine and advanced reading for improved efficiency, flexibility, and intelligence in clinical routines. It supports trendsetting applications that minimize postprocessing complexity and provide standardized results through robust algorithms and intelligent processing automation.

- The following syngo.MR Engines can help expand clinical capabilities:
- syngo.MR Cardio Engine
 - syngo.MR Onco Engine
 - syngo.MR Neuro Perfusion Engine
 - syngo.MR Prostate Engine
 - syngo.MR Neuro 3D Engine

*The product is still under development and not commercially available yet. Its future availability cannot be ensured.

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SOMATOM go.Open Pro



SOMATOM go.Open Pro reinvents simulation for multiple cancer types, driving precision, and caring for patients and users. Co-created with RT specialists, it features fully integrated hardware and software, tailored specifically to your requirements. The flexible, intuitive system synchronizes data across all integrated components. It operates via one user interface and requires a single vendor service contract.

SOMATOM go.Sim



SOMATOM go.Sim is a single, integrated software and hardware solution that covers the entire CT simulation process. It was created for one reason—to minimize errors in a complex workflow so as to potentially reduce time to treatment. Driven by intelligence and automation, SOMATOM go.Sim simplifies your tasks and reduces the likelihood of errors. It helps you to shorten your workflow and save time so that you can focus on what matters most: Your patient.

MAGNETOM RT Pro Edition



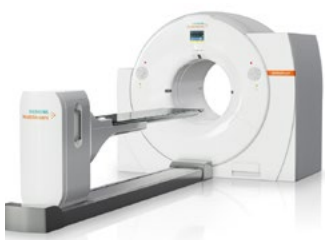
The MAGNETOM RT Pro edition, available for MAGNETOM Sola and MAGNETOM Vida, is equipped with a comprehensive set of positioning support devices and dedicated protocols to help support radiation therapy (RT) more precisely. MRI can enhance RT planning in head/neck, prostate, and gynecological tumor treatment, because of its excellent soft-tissue contrast for accurate delineation of tumor from surrounding organs at risk.

Biograph Vision RT Pro



The Biograph Vision™ RT Pro edition is designed to take full advantage of the image quality of the premium PET and CT technologies of the Biograph family of PET/CT scanners and offers a comprehensive solution tailored for radiation treatment planning. Our unique 3.2mm crystals and 214ps TOF provides high lesion detectability. The 78 cm bore accommodates stereotactic and RT positioning devices, and flexible workflows accommodate the needs of all customers.

Biograph mCT Sim



Biograph™ mCT Sim edition features a large bore with access to intelligent imaging applications, making standardized protocols and personalized scans possible. Complex procedures, like PET motion-free imaging, can be transformed to an easy click of a button, and 4D CT workflow can be streamlined by automatically setting optimal scan parameters based on the patient’s breathing cycle. Biograph mCT Sim edition brings you a comprehensive solution for PET/CT in radiation therapy—driving the right planning for the right treatment.

Biograph® RT Pro Edition



Biograph RT Pro edition is a comprehensive solution tailored for radiation treatment planning, providing clinicians with the right image for the right plan. Available for the entire Biograph family, the Biograph RT Pro edition offers reproducible patient positioning between the TG-66 compliant patient handling system and the linear accelerator couchtop, a full suite of motion management technologies, and a comprehensive metal artifact solution, thus allowing clinicians to devise treatment strategies with confidence.

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Ultrasound

Ultrasound

ACUSON Origin™		The ACUSON Origin is the newest premium cardiovascular system on the market. The system is the ideal solution for diagnostic prescreening, structural heart procedures and follow up with comprehensive suite of AI-powered clinical applications ¹ including AI Assist (23 view recognition for color and spectral Doppler placement), 2D Heart ^{AI} —auto contours all 4 chambers with/without contrast and/or ECG and 4D Heart ^{AI} —auto contours all 4 chamber in 4D for TTE and both ventricles in TEE.
ACUSON Sequoia™		The ACUSON Sequoia ultra-premium ultrasound system improves image quality and image uniformity with automatic focusing of the image at all depths, eliminating the need for manual focal zones with InFocus Imaging technology. The system features a deep penetration capability of up to 40 cm to image the technically difficult patient with the Deep Abdominal Transducer (DAX).
ACUSON Redwood™		Offering exceptional imaging, advanced applications, and portability, ACUSON Redwood provides excellent clinical performance and greater workflow efficiency against the restraint of tight budgets—without compromise. The ACUSON Redwood also offers a comprehensive cardiac solution addressing a full range of patient size, age, and approaches. It provides a customizable measurement package as well as advanced applications like syngo VVI, Stress Echo and LVO.
ACUSON Juniper™		The ACUSON Juniper is a high-performance ultrasound system that can be used to operate in a variety of clinical applications without sacrificing imaging and portability. It is one of the lightest and easiest to maneuver in its class; up to 36% smaller and 28% lighter than other systems.
ACUSON SC2000™ PRIME		As the only ultrasound system on the market to offer 2D and 4D TTE and TEE, ICE, and TrueFusion, the ACUSON SC2000™ PRIME is the complete SHD solution, allowing you to handle whatever comes your way—with speed and precision. With the most comprehensive suite of 2D and 4D 1-click AI-powered clinical applications ¹ on the market for both TTE and TEE, you can efficiently obtain over 500 reproducible, accurate measurements.

¹AI-powered measurement tools consist of software applications leveraging machine learning-based Artificial Intelligence to achieve the intended outcome.

²Data on file. Results may vary.

ACUSON Bonsai™		The ACUSON Bonsai ultrasound system is an ultra-portable system that provides the perfect harmony of power and portability. It performs in any environment without compromising mobility or imaging performance. This system provides exceptional imaging results, a wide variety of advanced applications and workflow features that transform care delivery.
ACUSON Freestyle™ Series		The ACUSON Freestyle Series is the world's first wireless ultrasound solution, redefining ultrasound access in the interventional suite and at the point of care. The series offers scalable configurations to promote automated workflow, clear visualization, and faster access to the ultrasound procedure using cable-free and wireless technologies, and cross-modality synchronization.
ACUSON NX™ Series		The ACUSON NX Series is the premier value, shared-service, cart-based ultrasound system. These machines are designed for ultimate productivity and flexibility with 31% ² fewer key strokes to help users scan faster. This series is equipped with a portfolio of fully compatible and scalable transducers, which can reduce upfront investment by an average of 31%.
ACUSON P500™		The ACUSON P500 is a portable ultrasound system with a powerful lineup of clinical applications right at the bedside. It is your go-to platform to evaluate clinical manifestations, to facilitate accurate diagnoses, and to assist procedures in emergency and critical care. It also offers an IntraCardiac Echocardiography (ICE) Edition that integrates the imaging capabilities of the ACUSON AcuNav™ family of catheters into the ACUSON P500 system.

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The information in this document contains general technical descriptions of specifications and options as well as standard and optional features, which do not always have to be present in individual cases.

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