

Procurement Method Report

Sole Source / Inadequate Competition

Use this form for Procurements (purchases/orders) that are Sole Source or Inadequate Competition.

Recipients shall accomplish **three (3)** requirements with this form: (1) identification of procurement method, (2) SAMS check, and (3) certification signature. (Project Manager's signature is adequate certification that competition was done, and that the recipient is complying with the most stringent procurement procedures-whether federal, state, or local).

Note: this is not the same as a purchasing contract, if using a purchasing contract please use the appropriate form.

Department/Project: Clinic New X-Ray

Grant Name: HRSA C8E Grant CFDA #: 93.526

Procurement Method (per each Purchase/Order)

This may include multiple invoices for each purchase or order.

NOTE: This procurement requires Borough Manager and Assembly approval.

Sole Source/Inadequate Competition	
Vendor:	Siemens
Purchase Amount:	\$304,438
<p>Justification for Vendor Selection – Provide justification for Vendor Selection in the below box. Please include any written supporting documents providing justification for vendor selection. Explanations of exemptions must contain findings of fact. Evidence must be included, consisting of material facts sufficient to independently determine that the findings of fact listed are true and accurate. Factual evidence may consist of written documents, records, supporting data, affidavits, or other information proving that the findings of fact are true and accurate. Itemized listings of findings of fact and material factual evidence should be included or attached.</p>	
<p><i>Attached</i></p>	

System for Award Management (SAMS) report is required for selected vendor

SAMS Report is a Mandatory Action	
<input checked="" type="checkbox"/>	1. Check System for Award Management (SAM) for debarment/suspension.
<input checked="" type="checkbox"/>	2. Print SAMS report page and attach to this form.

Certification

I certify the above information is true and accurate. Documents related to this procurement are on file and available upon request.

Albert E. Wall
Project Manager's Signature

06/04/24
Date

ALBERT E. WALL
Printed Name and Title

Submit signed form with supporting documents to Borough Manager for Assembly approval

FOR MUNICIPAL OFFICE USE ONLY			
<input type="checkbox"/> Approved	<input type="checkbox"/> Disapproved	<input type="checkbox"/> Returned for Further Justification	Date
Authorized Representative			Date
Assembly Approval (attach meeting minutes) Date:			

Guidance for Procurement Method

(For reference purposes only)

Single Source or Non-Competitive Evidence Guide

- Single source requests must be submitted with **written evidence to support the request.** (SMC 4.05.060 (A.3))
- Examples of subject matter experts as used below could be a **program manager/director, division director, IT manager, or other high-level support staff for the program/project.**
- Evidence requirements can and will vary from request to request and the below is not intended to be an all-inclusive list.

Proprietary Product or Service

Least Complex

- Written testimony from the Program Manager and/or subject matter expert(s) clearly describing:
 - Their name, title, and experience with the program and why this qualifies him/her to speak authoritatively on the matter.
 - Why the product or service is needed.
 - Why the proprietary product or service is the only one that will work for the program.
 - Quantified potential time and/or cost impacts if the product or service were not purchased, like:
 - Costs to transition to another product that outweigh any potential savings.
 - Investments made in the current product – training, specialized equipment, etc. – that would be lost.
 - Voiding existing equipment warranties or maintenance agreements.
 - Lack of compatibility.
 - Why using a competitive process is not practical.
- Written testimony from the vendor clearly describing:
 - They are the only source of the proprietary product or service.
 - They do not offer their product or service through dealers or resellers or, if they do, that the pricing through a dealer or reseller would be the same or higher.
- Any documentation and/or records that support an existing agency standard.
- Copies of any previously approved documents directly related to the project.

Unique Skill/Knowledge

- Documented research that demonstrates why it's not practical to compete the services. Web search results are often used.
- Online or newspaper posting stating the intent to award a single source contract, describing the services, and seeking additional vendors and results.
- Written testimony from the Program Manager and/or subject matter expert(s) clearly describing:
 - Their name, title, and experience with the program and why this qualifies him/her to speak authoritatively on the matter.
 - Why the selected vendor's unique skills and/or knowledge is the best for the program.
 - Quantified potential time and/or cost impacts if a different vendor were selected, like:
 - Impacts to data/research already performed.
 - Taking longer to perform the work.
 - Needing X number of hours to come up to the same level of expertise as the requested vendor, costing the state Y amount more.
 - Why using a competitive process is not practical.
- Written testimony from the vendor clearly describing their unique skill or knowledge and how they came to possess it. (Resume, CV, references, sample work, etc.)
- Written testimony from other vendors or third parties describing their inability to provide the same unique skill or knowledge and/or supporting the requested vendor.
- Copies of any previously approved documents directly related to the project.

Guidance for Procurement Method

(For reference purposes only)

Sole Source OR a single vendor response to a non-competitive bid

Recipients Guidance:

Must obtain Borough Manager & Assembly pre-approval prior to execution of this type contract (regardless of amount)

Justification:

Must explain why vendor was chosen by completing Justification block.

Procurement Method:

1. Before selection of firm or vendor submit copies of solicitation, and response to Borough Manager for review and approval.
2. Provide all written supporting documents providing justification of sole source or single vendor selection.
3. **Send to Borough Manager for Assembly approval prior to purchase.**

Award:

Must be within accordance of the specifications and award criteria in the solicitation to the responsive, responsible bidder and justification of sole source or single vendor selection.

Regulations:

Alaska Statutes, Code of Federal Regulations, Skagway Municipal Code

Alaska Statutes, Title 36 Chapter 30

Alaska Administrative Code, Title 2 Chapter 12

2 C.F.R. § 200.320 (f): Procurement by noncompetitive proposals. Procurement by noncompetitive proposals is procurement through solicitation of a proposal from only one source and may be used only when one or more of the following circumstances apply:

- (1) The item is available only from a single source;
- (2) The public exigency or emergency for the requirement will not permit a delay resulting from competitive solicitation;
- (3) The Federal awarding agency or pass-through entity expressly authorizes noncompetitive proposals in response to a written request from the non-Federal entity; or
- (4) After solicitation of a number of sources, competition is determined inadequate.

Skagway Municipal Code, Title 4 Chapter 5

SAMS Report is a Mandatory Action

Recipient Instruction:

Check the federally debarred/suspended vendors at System for Award Management at www.sam.gov prior to execution of any procurement or contract (regardless of amount).

Dahl Memorial Clinic

Equipment Purchase:

1. Siemens Multix Impact Floor mounted 3 Phase radiological imaging system, and
2. Siemens Mobilette Elara Max portable imaging system

Background:

The Dahl Memorial Clinic functions as a 24/7 Urgent Care center and Community Health Center. Radiological imaging is critical to lifesaving diagnosis and treatment and the two, General Electric, imaging systems currently at the clinic are over 14 years old and they are no longer serviced by the manufacturer.

Funding:

This purchase of **\$300,734.00** is currently in the Clinic's budget and will be paid for through the HRSA C8E capital grant. The service agreement will be for six years and the first year is free. Year two through six will be \$37,094.00 and will be budgeted through the Clinic's maintenance budget for those years.

Award:

The Clinic has been working with a specialist contractor named Sam Norton for over a year to maintenance, troubleshoot, and assist with functionality of the current systems. He is an expert in healthcare equipment and, as the current maintenance agreement with GE failed, he has been instrumental in keeping the systems functional. With his assistance, the Clinic has contacted three manufacturers, attended several demonstrations, and called references for all three manufacturers. A Sole Source Procurement methodology is requested because there are a limited number of manufacturers of radiological equipment that have service plans for that equipment in Alaska. Only two of the manufacturers contacted provide service on the equipment in Alaska and only Siemens has technicians in Southeast Alaska (Juneau.) Further, maintenance for the current GE equipment has been historically difficult and their current technical support is very limited. Siemens equipment is used by a number of local healthcare providers including Bartlett Hospital, who is very pleased with both the functionality and the responsiveness of technical assistance and maintenance. Finally, the Clinic has a contract with Alaska Radiology for professional interpretation and diagnosis of the images taken at the Dahl Memorial Clinic and their technology is partnered with Siemens, not GE, which reduces our monthly cost with Alaska Radiology and provides faster, less time consuming effort on every image.

DAHL MEMORIAL CLINIC

Cost Summary Radiology Proposal Comparison

May 2024

Summary of costs from final proposals for Dahl Memorial Clinic from three imaging vendors. Shown are costs for the portable imaging solution, the floor or fixed mounted solution with options, the estimated costs for removal and disposal of existing equipment, and the six year service plan. Service agreements can typically be set for 5-10 years. Quotes were for 6 years.

	<u>Portable</u>	<u>Fixed</u>	<u>Options</u>	<u>Removal</u>	<u>Subtotal</u>	<u>Service (6 years)</u>	<u>6 year costs</u>
Carestream	\$ 102,140	\$ 149,138	\$ 31,084	\$ 7,000	\$ 289,362	\$ 151,175	\$ 440,537
GE	\$ 168,404	\$ 137,561	\$ 9,837	\$ 0	\$ 315,802	\$ 231,341	\$ 547,143
Siemens	\$ 124,796	\$ 165,869	\$ 2,069	\$ 8,000	\$ 300,734	\$ 185,470	\$ 486,204



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May 21, 2024



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WARNING

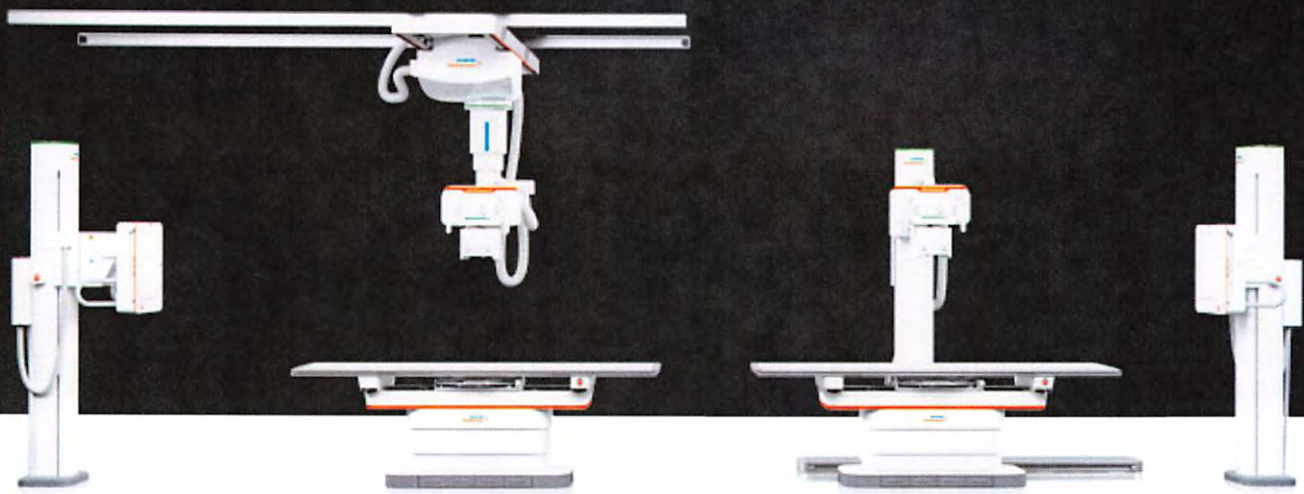
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**MULTIX Impact & MULTIX Impact C
with myExam Companion**

**Strengthen
your image**

siemens-healthineers.com/multix-impact



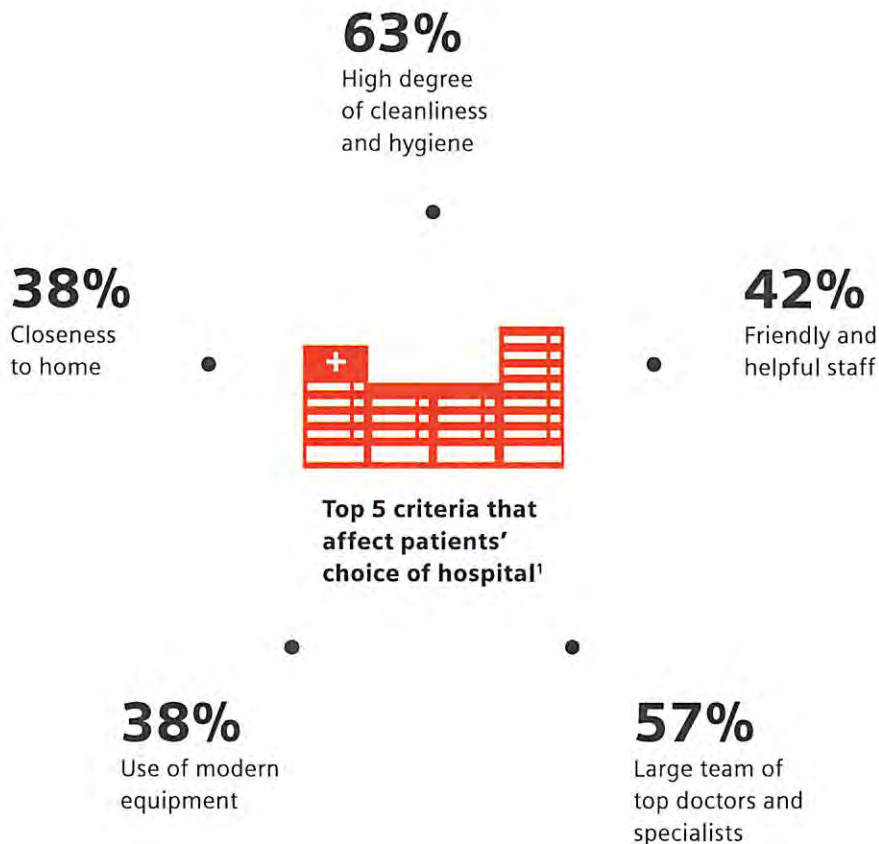
MULTIX Impact VA20 and MULTIX Impact C are pending 510(k) clearance, and are not yet commercially available in the United States and other countries.

SIEMENS
Healthineers

Reputation matters

When it comes to choosing a healthcare provider, patients care about more than just geographical proximity. In these days of online resources and patient reviews, a good reputation can make all the difference: Modern equipment, friendly and helpful staff, experienced physicians, and cleanliness are all high on the list of criteria that patients consider when deciding where they want to receive treatment. Institutions that fulfil those needs are likely to attract more referrals and patients, and enjoy greater overall success.

What's more, myExam Companion launches the era of intelligent imaging. It guides operators through any scan procedure, so they can interact easily and naturally with both patient and technology, generating consistent, comprehensive results.



¹ PwC-Umfrage "Krankenhäuser". Available from: <https://www.pwc.de/de/gesundheitswesen-und-pharma/assets/pwc-befragung-krankenhaeuser-2014.pdf> [Article in German]. [Accessed November 2019].



MULTIX Impact & MULTIX Impact C

Strengthen your image

Radiography is a central, everyday touchpoint between patients, referring physicians, and your institution. Their perception of you can enhance – or hinder – your success. What if you could strengthen your image with every image you acquire?

Our answer for both floor-mounted and ceiling-mounted radiography: MULTIX Impact & MULTIX Impact C. High-end technology and user-assisting system intelligence with myExam Companion – at an economical price. Each system combines the established, excellent MULTIX Impact imaging quality with brand new staff- and patient-friendly features.

Your benefits? Reliable performance and high-quality on-time care to diverse patients, even at peak times – strengthening your image with everyone involved.

Discover MULTIX Impact radiography systems

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MULTIX Impact radiography systems

At a glance



Floor-mounted or ceiling-mounted? Your choice.

The MULTIX Impact family gives you the flexibility to match your radiography system to your space, and to your operational and clinical needs. Whether floor-mounted or ceiling-mounted, MULTIX Impact and MULTIX Impact C stand for high-end technology and user-assisting system intelligence at an economical price.

Intelligent imaging with myExam Companion

myExam Companion launches the era of intelligent imaging. Using the new possibilities of digitalization, it turns data into built-in expertise. It guides you through any procedure with your MULTIX Impact system, so you can interact naturally with both patient and technology – and generate consistent results every time.

Sound diagnoses with AI-Rad Companion¹

AI-Rad Companion is a family of vendor-neutral, multi-organ augmented reading solutions that is designed to automatically prepare clinical images to be interpreted by radiologists and/or clinicians.

¹ AI Rad-Companion for MULTIX Impact and MULTIX Impact C is currently under development; is not for sale in the U.S. Its future availability cannot be guaranteed.



Strengthen your image with patients

MULTIX Impact & MULTIX Impact C improve the imaging experience for your patients, featuring dose-efficient technology, a flat, elevating tabletop², and a modern design. Designed for patient well-being, MULTIX Impact systems enable workflows that optimize patient interaction – and take care of little patients, too.

Strengthen your image with staff

MULTIX Impact systems are designed to make working less stressful and more satisfying. Their ergonomic design and simple workflows help put the focus back on your patients. Both systems are motorized, for less physical strain on staff, while the touchscreen and myExam 2D Camera² provide easy operation and more control.

Strengthen your image with referring physicians

The MULTIX Impact family is built for consistent outcomes, fast results, and peak system availability. System uptime is assured with premium components and an innovative service concept. Moreover, MULTIX Impact promotes standardization, reducing user-dependent variations and enabling consistently high image quality.

² Option

Strengthen your image with patients

Patients care about their experience



The most common complaints from radiology patients¹ concern a lack of patient-centered care and problems with radiology staff members. Insufficient quality in operational systems is also a source of dissatisfaction for patients.

Uncomfortable examinations, strained staff, and outdated technology are all reasons why patients might avoid one institution in favor of another. MULTIX Impact radiography systems feature a welcoming design and advanced technology that help create a positive experience.

Comfortable imaging for your patients

Patient well-being is at the heart of the MULTIX Impact family. The ergonomic design, elevating table², and free-floating flat table-top enable easy patient access and transfer. Impact Illuminate² indicates the system status via colored lights so patients can follow the imaging process, which helps them feel that they are in good hands.

Keep in contact

The integrated myExam 2D Camera² helps you set up each examination accurately and keep in contact with your patients. This can lead to better images and higher patient satisfaction, potentially reduce the number of retakes, and lessen the dose per image. Good patient contact also provides confidence for challenging cases – with children, elderly people, or patients in pain.



¹ Salazar G, Quencer K, Aran S, et al. (2013): Patient satisfaction in radiology: qualitative analysis of written complaints generated over a 10-year period in an academic medical center.

² Option



MULTIX Impact & MULTIX Impact C offer a Remote Interface

More time at the patient's side

MULTIX Impact & MULTIX Impact C offer positioning aids that allow you to focus on your patients, not on technology. The tube-mounted touchscreen lets you remain at the patient's side while setting up the examination, so you can answer questions and provide reassurance. While the Positioning Guide and rotating tube display help you get the image right first time.



Take your control panel with you

With Remote Interface², the tablet-based workflow for MULTIX Impact systems, you can access the system's major functions in the examination or control room – enabling you to work closer to your patients. Remote Interface lets you clearly identify patients by scanning their QR or barcodes before you take them to the examination room. It also allows you to edit the list of Organ Programs (OGPs) of a study on the go.

Safe and efficient pediatric examinations

With MULTIX Impact & MULTIX Impact C, you can assure parents that their children are in good hands. Children are different, and their small bodies are more sensitive to radiation. Dedicated pediatric Organ Programs achieve the highest image quality at the lowest possible dose. And with the myExam 2D Camera you can make sure children stay in the right position – and potentially avoid the additional radiation that would come with a retake.

Strengthen your image with staff

Repetitive stress is a burden on technologists

86%
spend over two hours in awkward positions every day



70%
reported repetitive stress symptoms

Reasons for repetitive stress symptoms:

Heavy imaging equipment

Patient transfer

In a survey of 104 technologists¹, the primary causes of repetitive stress symptoms were factors related to patients and imaging equipment, like patient transfer and heavy imaging equipment.

Dissatisfaction at work can lead to higher staff turnover and less productivity that could have a financial impact on your department. MULTIX Impact radiography systems are designed with hospital staff in mind – allowing your team to work under easier, safer, more satisfying conditions.

Easy operation – at your fingertips

Both MULTIX Impact systems enable excellent outcomes while making operating the system as easy as possible – even in the case of less experienced staff. The systems have a tube-mounted touchscreen so you can stay with the patient while setting up examination parameters inside the examination room, which simplifies workflows and increases time with patients.

Simplify preparation & positioning

With the clear Positioning Guide on the tube touchscreen and workstation of MULTIX Impact and MULTIX Impact C, you can position patients with precision and confidence – even for challenging examinations. Body-part graphics make it easy to select the right OGP for each case, and content sensitivity help provides targeted problem-solving for smoother workflows.





Fast and intuitive to learn – in only 10 hours of training¹

Both MULTIX Impact and MULTIX Impact C are so intuitive to handle that it requires about ten hours of online training² via Siemens Healthineers' learning platform PEPconnect plus remote application training³ – so users can quickly get to grips with the system and start operating it with confidence. The tailored education concept blends in with your work and matches all experience and skill levels.

Easy acquisition of high-quality images – with flexible detectors

MULTIX Impact systems work with either the full-sized Core XL or the well-known MAX wi-D⁴ (wireless detector). Their wireless design, handles, and in-tray charging support flexible use and enable faster and more relaxed workflows.

¹ Not applicable for all system configurations

² Online education material in PEPconnect is available 24/7.

³ Prerequisite for remote application support is an existing connection to our SRS infrastructure and an existing service contract including this service offering. A two-day onsite application training is available as an option. Employees still have access to the online education material.

⁴ Option



myExam 2D Camera – optimal support for orthopedic exams

MULTIX Impact and MULTIX Impact C offer the myExam 2D Camera¹ for easy system operation and more control. The camera always keeps the patient in focus, provides reassurance, and enables myExam Collimate. Designed to enhance orthopedic examinations, myExam Collimate unlocks three pioneering functionalities:

Smart Virtual Ortho¹ – for less guesswork and more accuracy in orthopedic exams

Auto Long-Leg Collimation¹ – for automated AI-based long-leg detection, tube alignment, and collimation support

Auto Full-Spine Collimation¹ – for automated AI-based full-spine detection, tube alignment, and collimation support

Smart Virtual Ortho and Auto Long-Leg/ Full-Spine Collimation can speed up average preparation times for orthopedic multi-image acquisitions by more than 20% – even for highly experienced users.²

Smart Virtual Ortho smoothens the preparation of orthopedic exams

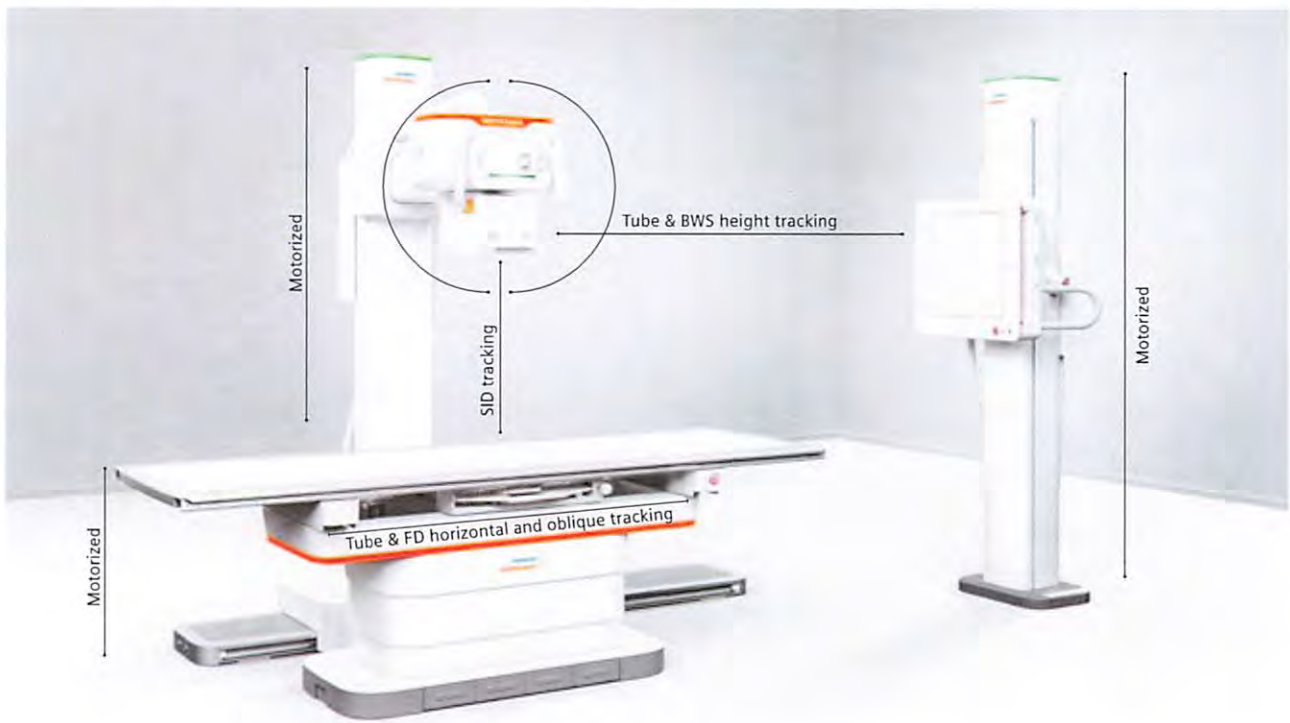
Using the live image of the myExam 2D Camera, Smart Virtual Ortho allows you to accurately set the start and end point of the imaging. Patient movements can be detected quickly, avoiding unnecessary retakes, and easing the burden on orthopedic patients. Via Auto Stitching, up to four single images are automatically acquired and processed into a single image, leaving more time for patient care. With Smart Virtual Ortho you can easily judge whether you can perform an exam with fewer images – which can help reduce dose for each individual patient.

The right orthopedic image with ease: Auto Long-Leg and Auto Full-Spine Collimation

Auto Long-Leg and Auto Full-Spine Collimation are AI-based and automatically detect the respective region of interest and sets the appropriate collimation automatically. This helps you deliver long-leg and full-spine images with ease. You can focus on your patients and their well-being – while the system takes care of everything else.

¹ Option

² Based on a study with five technologists performing 45 manual test cases and 45 test cases with the Auto Collimation, data on file.



System motorization & automation – less strain on staff

Both MULTIX Impact systems come with powerful solutions for automation and motorization – providing optimum support for radiographers' daily routine.

Strong motorization

In MULTIX Impact and MULTIX Impact C, table¹, and Bucky wall stand¹ are fully motorized. The high degree of motorization enables easier system positioning and reduces the physical effort to prepare an examination. Your staff will experience less physical burden – and more ease in every examination.

MULTIX Impact with SmartMove – accelerates your workflows

The floor-mounted MULTIX Impact offers SmartMove¹ for a high degree of system automation: With SmartMove, a virtually unlimited number of system positions for table and Bucky wall stand¹ examinations can be predefined and stored. With the push of a button, MULTIX Impact moves into programmed positions. In short: The system finds the right way to the image while you focus on your patient.

SmartMove is fast, simple, and safe

In MULTIX Impact, unintentional system movements are avoided with the safety function of the remote control – because it only reacts in the palm of a human hand. A pre-programmed zone around all system components, plus individual adjustments to your room, help ensure safety for patients and staff.

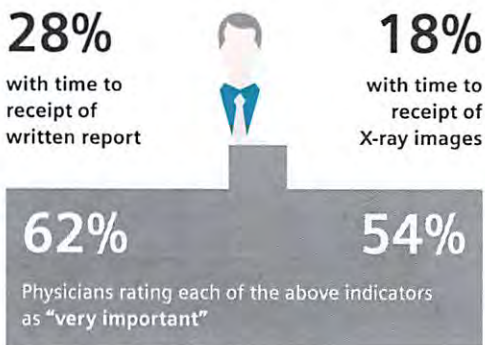
MULTIX Impact C – with SmartPositioning

For the ceiling-mounted MULTIX Impact C, you can store auto-positions of all motorized system parts for each OGP individually. With the push of a button the system will move to the OGP-linked position automatically, while you can still fine-tune the position of the tube manually. SmartPositioning¹ in MULTIX Impact C provides smoother, more relaxed workflows – and brings more ease into preparing and setting up the examination.

Strengthen your image with referring physicians

Delays can impair your relationship with referring physicians

Referring physicians
"not very satisfied"/"not at all satisfied"



Referring physicians place high importance on receiving written reports and X-ray images on time. Delays and the unavailability of previous findings are sources of dissatisfaction among referrers.¹

Satisfaction among referring physicians declines when unexpected downtime or inconsistent image quality delays the delivery of results. MULTIX Impact radiography systems were built to achieve peak system availability and produce fast and reproducible high-quality results every time.

Outstanding reliability, availability, and cybersecurity

Your radiography system is a key asset of your imaging value chain. This is why the comprehensive Siemens Healthineers service concept aims to optimize system availability. Preventive maintenance addresses issues before they become a problem. Safety checks help you comply with guidelines and regulations, and certified OEM spare parts keep your system running as it should. Benefit from remote services and updates², allowing you to schedule them for when it is most convenient. While a comprehensive cybersecurity concept makes sure your radiography systems stay protected in a connected world.



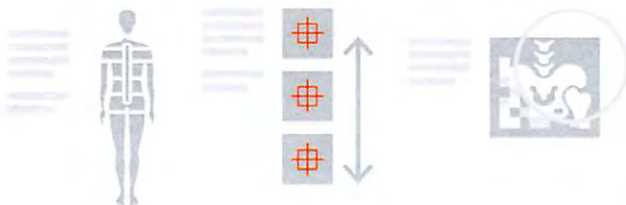
¹ Kubik-Huch RA, Rexroth M, Porst R, et al. (2005): Referrer satisfaction as a quality criterion: developing a questionnaire for measuring the quality of services provided by a radiology department. [Article in German].

² Prerequisite is an existing connection to our SRS infrastructure.



Fast and standardized results

Our latest radiography systems enable fast digital imaging cycles, with the system guiding you through the entire imaging process – from registration to examination to postprocessing. Operating MULTIX Impact & MULTIX Impact C is intuitive, so you and your team can get up to speed fast and be confident of delivering high image quality every time.



Tailored images, delivered on time

MULTIX Impact & MULTIX Impact C offer a wide range of preconfigured Organ Programs, comprising imaging and workflow parameters for different body parts and imaging sequences. Body-part graphics displayed on the user interface of the workstation make it easy to select the right OGP. The programs accelerate your workflows and minimize errors so radiologists will receive the high-quality images they need to deliver robust diagnoses on time.

Your image, your flavor

All OGPs offer up to four preconfigured image flavors so radiologists can work with images in their preferred look and feel. Adjusting the flavor takes only a single click and is processed in three to four seconds.



Reduce user-dependent variations in orthopedic exams

MULTIX Impact and MULTIX Impact C come with new functionalities that ease your reading routine: Smart Virtual Ortho¹ and Auto Long-Leg and Full-Spine Collimation¹. These pioneering functionalities enable a high degree of standardization for your imaging results and lessen user variations in image acquisition. Reproducible imaging results allow you to reach a higher quality standard, especially for your orthopedic images. This makes reading faster, easier, and more consistent.

¹ Option



Study ID: 5aaa719

Full-Spine AP Upright

This picture is not acquired with MULTIX Impact or MULTIX Impact C. It was modified for better visualization.

See anatomical details with high image quality

Excellence in radiography applications



Thorax AP

Study ID: 5aaa417



Hand AP

Study ID: 5aaa706



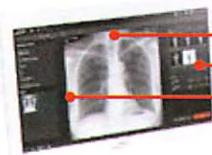
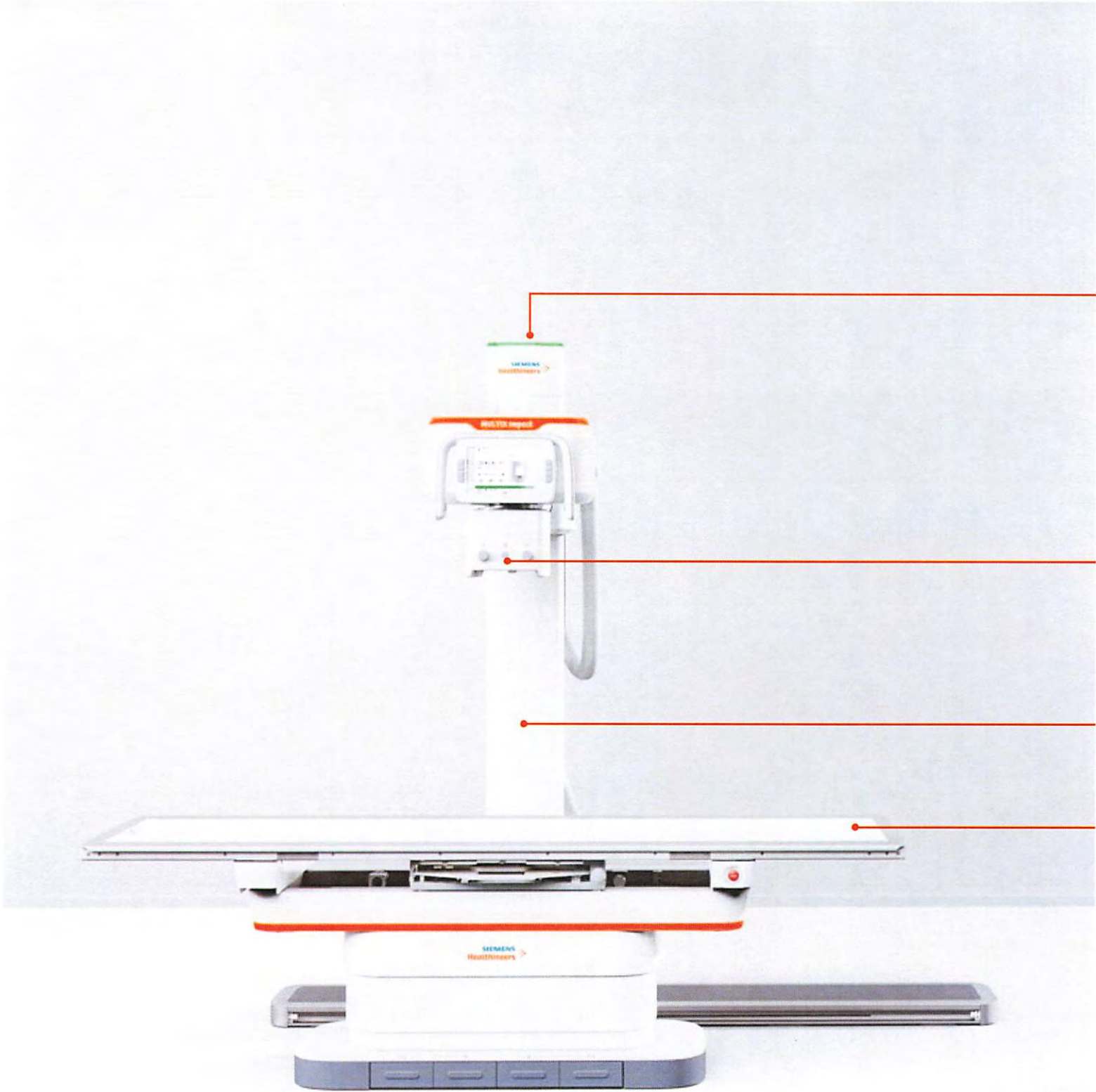
Knee AP

Study ID: 5aaa384



Spine AP

Study ID: 5aaa707



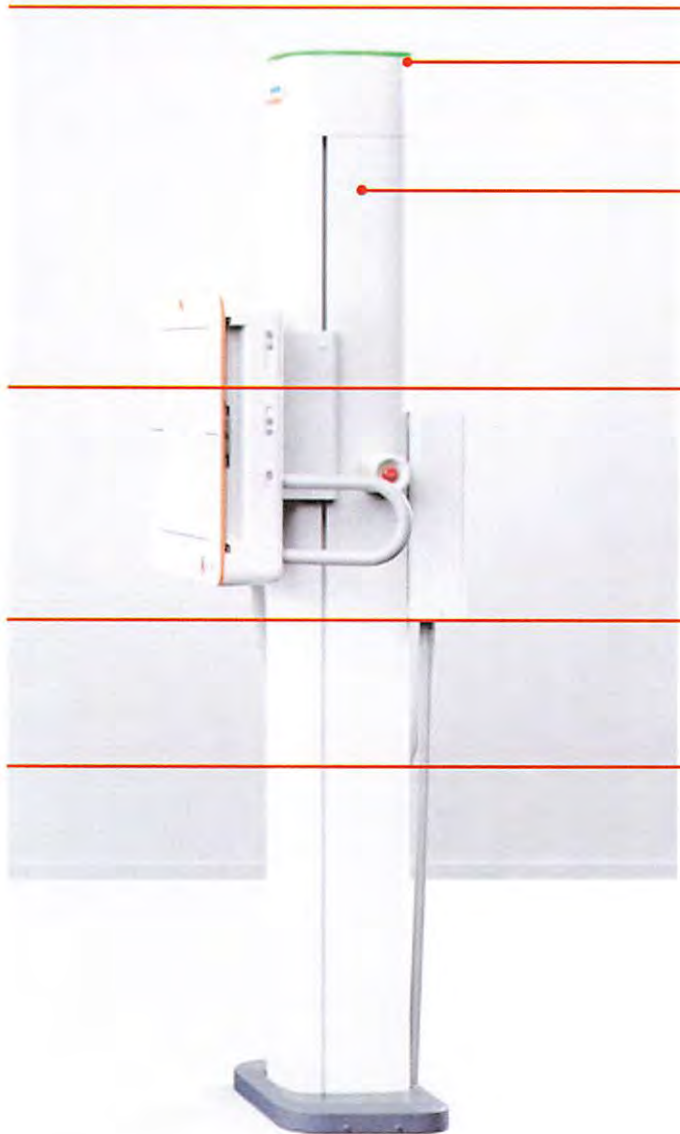
23.8" All-in-one PC

- Intuitive imaging system
- Fast image flavor setting
- Touchscreen user interface¹



SmartMove¹
 Virtually unlimited positions can be used for table and Bucky wall stand¹ examinations

Technical specifications: MULTIX Impact



Impact Illuminate¹
Indicates the system status

Bucky wall stand (BWS)

- Automatic tube tracking¹
- Vertical travel range: up to 147 cm
- Low central beam height: 33 cm
- Fixed detector Core static¹

myExam 2D Camera¹
Enables myExam Collimate for:

- Smart Virtual Ortho¹
- Auto Long-Leg/Full-Spine Collimation¹ for standing examinations at the BWS
- Live camera image

Floor-mounted tube

- Motorized collimator¹
- SmartMove¹

Table¹

- Automatic tube tracking¹
- Adjustable height¹: from 51.5 to 90 cm
- High weight capacity: 300 kg
- Comfortable patient positioning with flat table-top

Wireless detectors
With in-tray charging

- MAX wi-D¹ (35 cm x 43 cm) with detector sharing
- Core XL (43 cm x 43 cm)



Remote Interface¹

- Tablet-based workflow
- Access major imaging system functions on-the-go



Technical specifications: MULTIX Impact C



Impact Illuminate¹

Indicates the system status

Ceiling-mounted tube

- 10" touch user interface
- Motorized collimator
- SmartPositioning¹

myExam 2D Camera¹

Enables myExam Collimate for:

- Smart Virtual Ortho¹
- Auto Long-Leg/Full-Spine Collimation¹ for standing examinations at the BWS
- Live camera image

Bucky wall stand (BWS)

- Automatic tube tracking
- Vertical travel range: up to 144 cm
- Low central beam height: 32 cm
- Fixed detector Core static¹
- Tilting: +90°/-20°

Table¹

- Automatic tube tracking¹
- Adjustable height: from 51.5 to 90 cm
- High weight capacity: 300 kg
- Comfortable patient positioning with flat table-top

Remote interface¹

- Tablet-based workflow
- Access major imaging system functions on the go

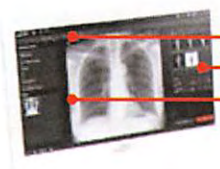
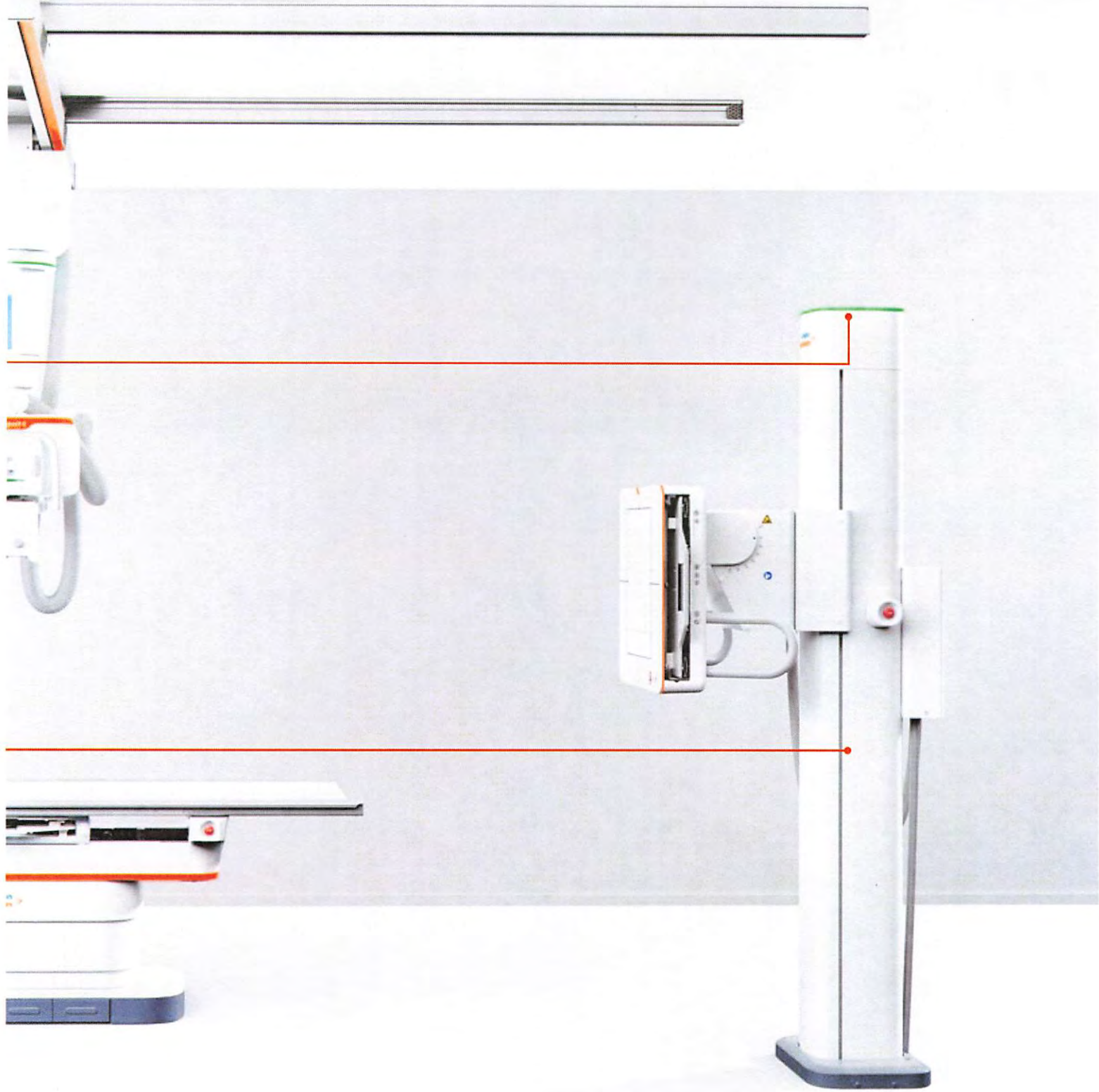


Wireless detectors

With in-tray charging

- MAX wi-D¹ (35 cm x 43 cm) with detector sharing
- Core XL (43 cm x 43 cm)





23.8" All-in-one PC

- Intuitive imaging system
- Fast image flavor setting
- Touchscreen user interface¹



Wireless remote control¹

- Collimation field size
- BWS movements
- Enable tracking
- SmartPositioning

MULTIX Impact radiography systems

System variants

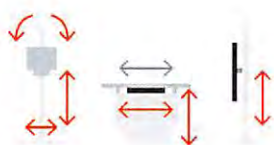
Whether floor or ceiling-mounted, MULTIX Impact & MULTIX Impact C come in a variety of configurations – from a system designed for chest X-rays, to one capable of delivering high-throughput general radiography services.

Stay flexible with two detectors and in-tray charging

With MULTIX Impact systems you can choose between two wireless detectors: Core XL or MAX wi-D¹. Both detectors feature in-tray charging that can speed up your workflows and reduce wait time. For added convenience, the MAX wi-D can be shared across all other MAX systems. And to increase clinical flexibility, you can combine one wireless detector with Core static¹, a fixed detector in the Bucky wall stand (BWS).

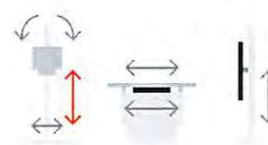
MULTIX Impact for high-throughput general X-ray

- Core XL¹ or MAX wi-D¹
- BWS with Core static¹
- Motorized table Bucky¹
- Elevating table
- Motorized BWS
- myExam Collimate¹
- SmartMove¹



MULTIX Impact for routine X-ray

- Core XL
- Standard table Bucky
- Fixed table
- Manual BWS
- Manual collimator

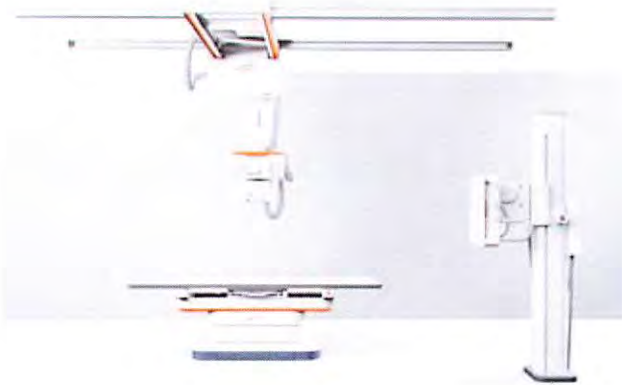
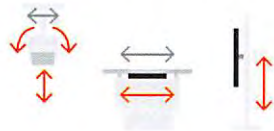


¹ Option

² Only available as two detector configuration in combination with Core static for BWS

MULTIX Impact C for high-throughput general X-ray

- Core XL¹ or MAX wi-D¹
- BWS with Core static¹
- Motorized and tilting BWS
- 80 kW generator¹
- Elevating table
- Tube vertical movements motorized
- Tube tilting motorized¹
- SmartPositioning¹



MULTIX Impact C for general X-ray



- Core XL¹ or MAX wi-D¹
- Motorized and tilting BWS
- Elevating table
- 65 kW generator upgrade¹
- Tube vertical movements motorized
- Tube tilting motorized¹
- SmartPositioning¹



MULTIX Impact for chest X-ray

- Core XL
- Motorized BWS



 Motorized movement
 Manual movement

Benefit from innovative services

Increasing value by partnering throughout the entire lifetime of your equipment

Equipment Maintenance & Monitoring

Reliably servicing your MULTIX Impact radiography systems allows you to identify deviations from current norms to maximize equipment availability.

Education Management

Personalized education and training improves your staff's expertise as well as your equipment efficiency.

Fleet Management

A transparent overview of your fleet allows you to manage the performance and maintenance of your Siemens Healthineers equipment, 24/7.

Performance Management

An intelligible overview of your radiography performance data helps you make prompt and well-informed decisions.

Asset Management & Planning

Access to innovative medical technology and equipment throughout the entire contract life-time allows you to maximize focus on patient care.

Accessory Solutions

Products from our partner companies complement your use of our equipment in your daily workflow.

Business Modelling & Financing

Customized business and financial models address your budgetary and enterprise needs, enabling you to remain more competitive.

Departmental Layout Optimization

3D-Visualization and digital twin analysis create more efficient workflows and a more enjoyable working environment.



Why Siemens Healthineers

At Siemens Healthineers, our mission is to enable healthcare providers to increase value by empowering them on their journey towards expanding precision medicine, transforming care delivery, and improving patient experience, all enabled by digitalizing healthcare.

An estimated five million patients worldwide everyday benefit from our innovative technologies and services in the areas of diagnostic and therapeutic imaging, laboratory diagnostics and molecular medicine as well as digital health and enterprise services.

We're a leading medical technology company with over 120 years of experience and 18,500 patents globally. With over 50,000 employees in more than 70 countries, we'll continue to innovate and shape the future of healthcare.

Fleet Level Benefits

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

As 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 – and achieve greater staff and patient satisfaction.

Standardize
for consistency



Analyze
for transparency

Secure
for confidence



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

Disclaimer

MULTIX Impact VA20 and MULTIX Impact C are pending 510(k) clearance, and are not yet commercially available in the United States and other countries. Their future availability cannot be guaranteed. Please contact your local Siemens Healthineers organization for further details.

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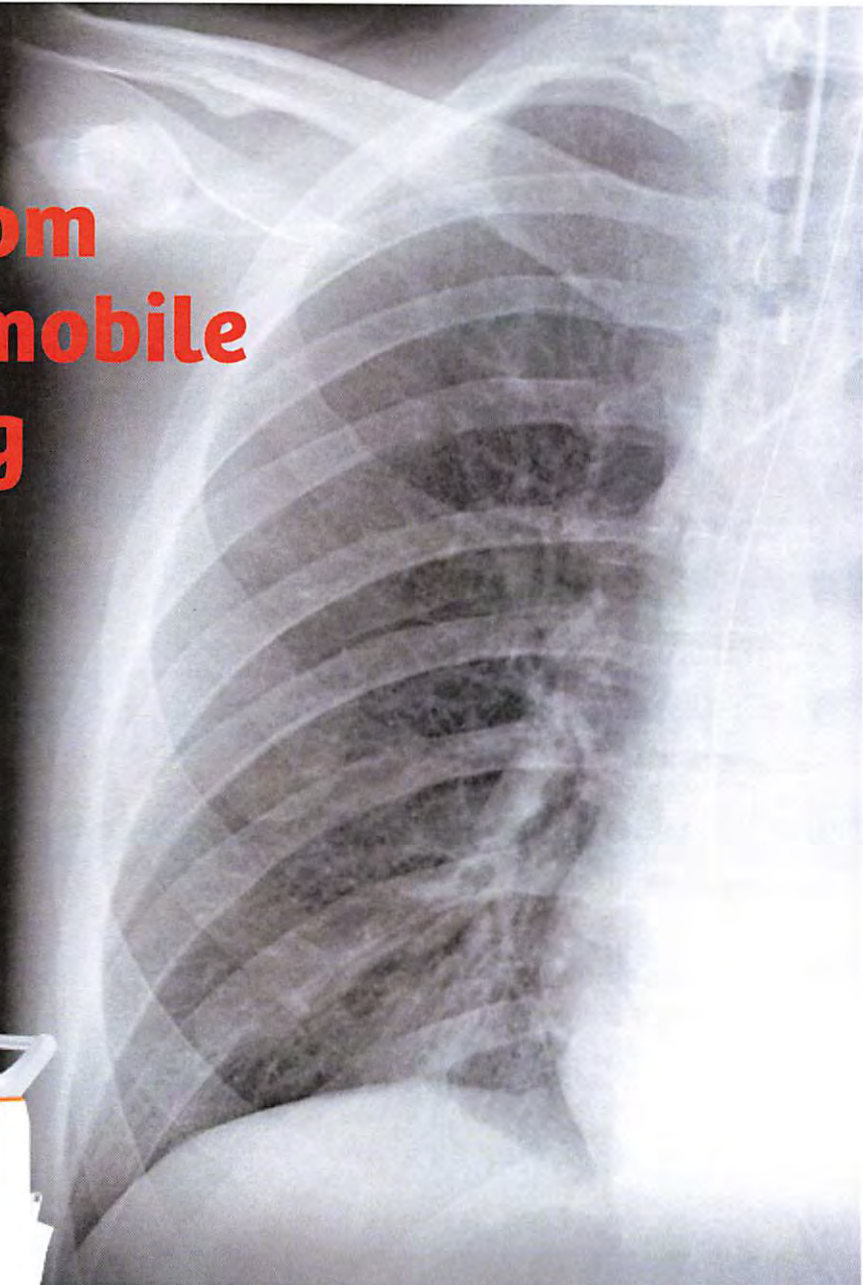
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[siemens-healthineers.com/multix-impact](https://www.siemens-healthineers.com/multix-impact)

MOBILETT Elara Max

Stands out from the crowd in mobile X-ray imaging

[siemens-healthineers.com/mobilett-elara-max](https://www.siemens-healthineers.com/mobilett-elara-max)



reddot design award
winner 2019



SIEMENS
Healthineers

Using the advantages of mobile digital radiography

The healthcare market is moving away from analog X-ray and computed radiography, toward fully digital X-ray systems (DR). This trend is not just about the many advantages that DR offers in terms of enhanced efficiency, handling and image quality – it ultimately even leads to new requirements and expectations like declining reimbursements for film-based X-rays and computed radiography, as seen, for example, in the U.S.

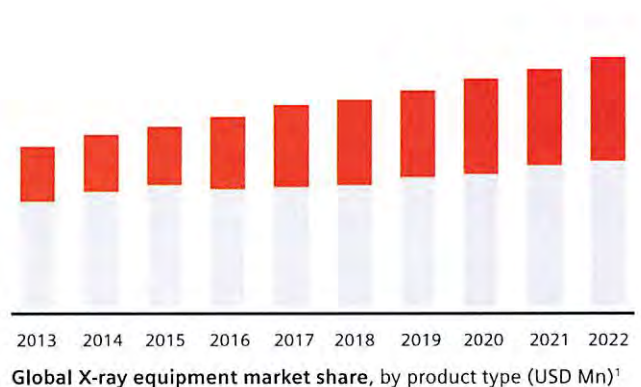
Embracing digital radiography ...

Since 2017, Medicare reimbursements of the technical component have been reduced by 20% to providers submitting claims for film-based X-rays.¹



... and mobile solutions

Medical practitioners are also rapidly shifting their preferences to mobile X-ray equipment because of the advantages it offers over stationary systems.²



- Mobile and handheld X-ray devices
- Stationary X-ray devices

¹ Massat, MB. Changes in reimbursement to propel digital radiography. Available from: <https://www.appliedradiology.com/articles/changes-in-reimbursement-to-propel-digital-radiography> [Accessed August 2018].

² Credence Research. X-Ray Equipment Market By Product [...], Technology [...], Application [...] - Growth, Share, Opportunities & Competitive Analysis, 2016–2022. Available from: <http://www.credenceresearch.com/report/x-ray-equipment-market> [Accessed August 2018].



Transform care delivery with MOBILETT Elara Max

Faced with the ongoing trend toward increasing efficiency and growing cost pressure, you as a healthcare provider might be looking for ways to optimize operations and improve productivity – without compromising on quality of care.

Seamless and secure integration gives you access to relevant data where and when you need it. All this makes MOBILETT Elara Max a smart, compact, and powerful X-ray system that’s always ready to go.

MOBILETT Elara Max helps you to transform care delivery, and makes a real and lasting difference to your entire department.

MOBILETT Elara Max supports you in this challenge: The mobile X-ray system delivers exceptional results and offers unique features for enhancing efficiency and quality. Its easy maneuverability and flexible positioning improve productivity and enable consistently high image quality at the patient’s bedside for excellent diagnostic certainty. An easy-to-clean design and unique antimicrobial coating enhance infection prevention and control.

Discover MOBILETT Elara Max

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MOBILETT Elara Max at a glance



Smart design, big effect

MOBILETT Elara Max is a compact system designed to transform the way you work. Easy maneuverability and flexible positioning allow you to produce high-quality images confidently and with ease.

Easy cleaning, im- proved patient safety

MOBILETT Elara Max features a unique antimicrobial coating and easy-to-clean design to help you set the standard in infection prevention and control.

Advanced workflows, greater security

By integrating seamlessly and securely into your IT infrastructure, MOBILETT Elara Max gives you access to relevant data, where and when you need it.



Keep your IT secure

In modern healthcare, digitalization supports patient-centered care, from chronic disease to population health management. Being connected, however, can also bring risks like data theft and cyberattacks. MOBILETT Elara Max comes with a high level of cybersecurity to support you in safeguarding your IT and sensitive patient data.

Personalize when it matters

Children have different imaging needs than adult patients. MOBILETT Elara Max offers dedicated low-dose organ programs that allow you to image your youngest patients quickly and easily.

Fleet Level Benefits

Siemens Healthineers offers specific solutions across the entire X-ray portfolio that let you standardize, analyze and secure your fleet. This let you obtain valuable Fleet Level Benefits: consistency, transparency and confidence for improved efficiency and greater staff and patient satisfaction.

Drive efficiency and image quality in your department

Busy hallways and small patient rooms can be a challenge for mobile X-ray systems. With its exceptional maneuverability and flexible MAXreach arm, MOBILETT Elara Max helps your staff work confidently and with ease so they can produce consistently high image quality – even when all batteries are empty.



Maneuver effortlessly and ergonomically

MOBILETT Elara Max supports your workflow from the very start – on your motor-assisted walk to each patient. The compact, lightweight, and ergonomic design makes moving easy, and the unobstructed view to the front allows you to avoid obstacles on your route. Intelligent solutions such as on-the-go detector charging and long-life batteries help to transform care delivery by minimizing waiting times.



Handle easily at the patient's bedside

With its remarkably compact dimensions, MOBILETT Elara Max fits into very small patient rooms. When you are interacting with patients, the flexible MAXreach arm helps you quickly find the right position for the optimal image in every case: An impressive 180 degrees of lateral arm rotation maximizes your positioning options, while the Micro-Inch Mover buttons make fine adjustments easy. The system can also switch between batteries and mains power so that it keeps going for as long as you need it to.



The child-friendly giraffe design¹ creates a relaxing environment.

Tailor your imaging to very young patients

MOBILETT Elara Max allows you to image premature babies quickly and easily while limiting the stress placed on these sensitive patients. Special pediatric organ programs take account of higher tissue radiosensitivity and variations in size and weight. Copper filters reduce dose, while DiamondView MAX optimizes image quality for diagnosis. A maximum focus height of 213.5 cm helps you comply with the minimum required distance between X-ray tube and incubator, and the MAX mini¹ detector fits neatly into incubator trays.

Achieve consistently high image quality

With its powerful 35 kW (450 mA) generator and wireless MAX detectors,¹ MOBILETT Elara Max delivers excellent images fast. Gridless imaging in free examinations using DiamondView MAX post-processing gives you the clear, detailed, high-contrast images you need for confident diagnostic decisions – at very low dose. At the same time, it reduces error rates and enhances your workflow efficiency.



DiamondView MAX enables greater medical precision thanks to optimized noise suppression and enhanced contrast.



MAX wi-D¹ detector: 35 cm x 43 cm, 3.3 kg
 MAX mini¹ detector: 24 cm x 30 cm, 1.6 kg

¹ Option

Set the standard in infection prevention and control

Healthcare-associated infections (HAIs) can present a life-threatening risk to your patients. With its unique antimicrobial coating and easy-to-clean design with integrated cables, MOBILETT Elara Max helps you set the standard in infection prevention and control.



Remove microorganisms thanks to the easy-to-clean design

MOBILETT Elara Max is designed to be a more hygienic system. Surfaces are smooth and mostly closed with rounded edges, gap dimensions have been minimized, and cables are fully integrated. All storage compartments are easily accessible for storage and disinfection, helping you to enhance both patient and occupational safety.



Manage system cleaning in the most efficient way

Our comprehensive, non-binding cleaning guide provides clear instructions that help you optimize intermediate and terminal cleaning of your MOBILETT Elara Max. This helps you to improve your reputation by increasing the focus on preventing and managing infections.



Unlike other systems, MOBILETT Elara Max's cables are fully integrated to make cleaning even easier.



"MOBILETT Elara Max is very easy to clean – the reduced design without slots and cables is of great advantage."

Benoit Desaegher,
Radiology Specialist, Radiology Center within Clinique Victor PAUCHET in Amiens, France

*Cleaning results are **2.8 times**¹ better with our MOBILETT Elara Max than with a competitor system*

¹ Results based on testing by "Institut für Angewandte Forschung" in Germany, August 2018. Data on file.

Accelerate your mobile workflow through seamless and secure integration

If your mobile X-ray system doesn't fit perfectly into your hospital landscape, you risk losing valuable time and facing critical situations. MOBILETT Elara Max integrates seamlessly and securely into your existing IT infrastructure and gives you access to relevant data wherever you need it.



Integrate your digital workflow seamlessly
The common user interface *syngo* FLC enables a fully digital, one-stop imaging workflow that covers everything from patient registration to documentation. Wireless connectivity supports convenient and fast

transfer of images to the hospital network. MOBILETT Elara Max also features integrated quality management: It provides a comprehensive overview of dose and image quality that allows you to easily monitor your system's performance and determine your staff's training needs.

High efficiency gains in accessing relevant data without having to leave the system¹





"We really like the immediate availability of the image. With the digital system, it's no longer necessary to wait until the image is finally developed. This means that clinicians can directly look at the images on Elara's touchscreen and check e.g. the position of a catheter – this really speeds up the workflow."

Benoit Desaegher,
Radiology Specialist, Radiology Center within Clinique Victor PAUCHET in Amiens, France



Access relevant data where and when you need it

Thanks to the virtual workstation,¹ you can easily take hospital applications to the patient's bedside. This virtualized Windows 10 environment allows you to install institution-specific third-party software (e.g. an RIS client, a PACS viewer, an EMR client, or the hospital intranet) to efficiently manage operations directly on MOBILETT Elara Max. Since you don't have to leave the system in order to move to a separate workstation, you can spend more time with your patient.



Protect your mobile system and your patient data

MOBILETT Elara Max has high security standards and protective features that give you peace of mind. If you have to leave the system unattended at any time, you can lock it to prevent unauthorized access. In order to safeguard your system and patient health information against cyberattacks, MOBILETT Elara Max offers a comprehensive cybersecurity package including whitelisting, 90-days hotfixes, encrypted data storage as well as an advanced security package². This helps you comply with regulations for keeping patient data safe, confidential, and intact.

¹ Option

See anatomical details with high image quality

To make fast and confident diagnostic decisions, you need high and reproducible image quality. MOBILETT Elara Max offers high-end imaging, automated workflows, and advanced post-processing technologies.



Hand, d.v. view:¹ Bone structures sharp and clearly visible



Pediatric chest, a.p. view:² Small structures outlined at low dose and reduced noise



Postoperative hip joint with implant, a.p. view:¹ Diagnostically valuable results for dense organs

Enhanced contrast and a high level of detail visibility with DiamondView MAX



Without DiamondView MAX



With DiamondView MAX



Without DiamondView MAX



With DiamondView MAX

¹ Courtesy of Centre Hospitalier de Mouscron, Belgium

² The clinical image was acquired with Mobilett Mira Max. Similarities between relevant components and parameters mean that the image impressions here are comparable to those possible with MOBILETT Elara Max.

Fleet Level Benefits

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

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that let you standardize, analyze, and secure your fleet. Experience consistency, transparency, and confidence as valuable Fleet Level Benefits and improve outcomes, increase efficiency – and 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
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Secure for confidence

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Departmental Layout Optimization

3D-Visualization and digital twin analysis create more efficient workflows and a more enjoyable working environment.

Technical specifications

Discover how you can stand out from the crowd in mobile X-ray imaging with MOBILETT Elara Max

Unique MAXreach arm
for outstanding positioning flexibility

Status indicator lights
for a visual safety signal

High-contrast monitor
for improved visibility

Intelligent charging concept
for ready-to-go detectors

Easy-to-clean design
with integrated cables,
smooth and closed surfaces

Unique antimicrobial coating

Robust, compact and lightweight design
for exceptional maneuverability

Always ready
even when all batteries are empty

Size
Height: 157 cm
Width: 59.8 cm
Depth: 127.8 cm



MAX mini¹
is ideal for incubators
and extremities

MAX wi-D¹
is light, thin, fast

MAXswap
for advanced detector sharing



DiamondView MAX
for enhanced contrast
and detail

syngo FLC
for an easy-to-learn,
common user interface

**Virtual workstation¹ and
wireless connectivity**
for unrestricted data access



Why Siemens Healthineers

At Siemens Healthineers, our purpose is to drive innovation to help humans live healthier and longer. Through our products, services and solutions we help physicians, medical staff, and healthcare providers prevent illnesses from occurring and to correctly diagnose and determine the right treatments for people who do become ill – resulting in fewer complications, shorter hospital stays, and faster patient recovery.

Our mission is to enable healthcare providers to increase value by expanding precision medicine, transforming care delivery, improving the patient experience, and digitalizing healthcare. With our comprehensive portfolio – from in-vitro diagnostics and imaging to therapy and follow-up care – we address the complete care continuum for many of the world's most threatening diseases.

Every hour, more than 240,000 patients are touched by technologies provided by Siemens Healthineers. We are at the center of clinical decision making with almost three-quarters of all critical clinical decisions influenced by our solutions. We are a leading medical technology company with over 120 years of experience and more than 65,000 highly dedicated employees around the globe who are innovating every day, truly shaping the future of healthcare.

MOBILETT Elara Max is not commercially available in all countries. Due to regulatory reasons its future availability cannot be guaranteed. Please contact your local Siemens Healthineers organization for further details.

The statements by customers of Siemens Healthineers described herein are based on results that were achieved in the customer's unique setting. Because there is no „typical“ hospital and many variables exist (e.g., hospital size, case mix, Level of IT adoption) there can be no guarantee that other customers will achieve the same results.

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