SOMATOM go.Now

Run a successful CT business

siemens-healthineers.com/somatom-go-now

Clinical image courtesy of Tadokoro Clinic, Saitama, Japan

SIEMENS Healthineers

“Your needs drive what we do. If the challenges on the right-hand side are yours, read on. You’ll find good answers for how to tackle them.”

Dr. Philipp Fischer
Head of Business Line Computed Tomography at Siemens Healthineers

Do you find these healthcare trends challenging?

Concerned that patients may leave your institution dissatisfied?

Patient satisfaction

"Improving patient satisfaction with their CT experience" is ranked top priority by CT department responsibles.[1]

Wondering if you are operating your CT scanner at its full potential?

Scanner operation

"The use of protocols and radiation dose varies greatly," studies[2] that analyzed millions of CT examinations worldwide showed. And this is not because of the equipment characteristics, but mainly because of the choices of the individual users.

Curious about the use of AI in your CT system? But also skeptical about it?

Artificial Intelligence

"Already, 77% of the devices anyone of us uses feature one form of AI or another."[3]

Focus on your patients

Patients becoming critical consumers is a strong trend that can be observed around the globe. To stay competitive in the long run, you need a CT scanner solution that helps you improve patient experience throughout the CT imaging workflow.

Turn your CT routine into a patient-centric one with SOMATOM® go.Now. Our successful scanner comes with our unique Mobile Workflow that helps you stay with your patients longer and provide closer care. In addition, our Companions guide you through any procedure and facilitate system interaction – so you can fully focus on your patients and clinical outcomes.

In addition, it comes with the image quality and dose reduction technologies you expect from us, as well as built-in solutions for lower lifecycle costs. The new SOMATOM go.Now also includes intuitive, AI-powered scan automation and new clinical features for an even wider range of indications.

Discover the enhanced SOMATOM go.Now!

Why this CT scanner is your CT scanner

The SOMATOM go. platform originates from the medical community. As a member of this platform, SOMATOM go.Now was co-created with 500 of our customers, from CEOs to the wonderful people who care for patients at their bedside. After some successful years, we decided to turn more user requirements into solutions. This wouldn't have been possible without you. Thank you.

Optimize the diagnostic experience
with mobile devices that let you focus on your patients

Increase standardization
with GO technologies powered by Artificial Intelligence (AI)

Transform care delivery
with preset patient pathways for various clinical applications

Enhance efficiency
with AI-based patient positioning and remote scanning assistance for users

Improve patient experience
with, for example, the ambient mood lighting and low noise

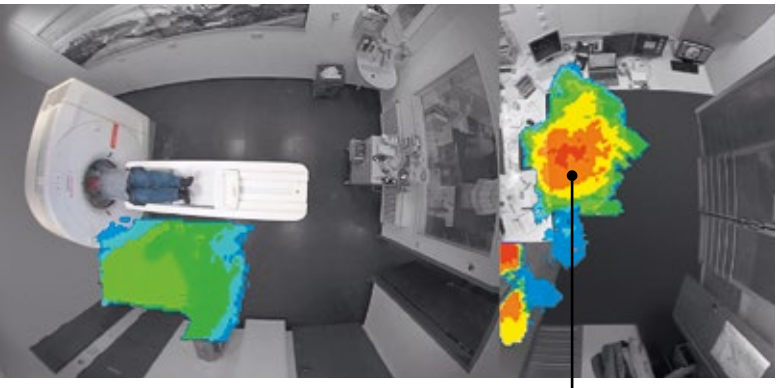
Improve patient experience with trendsetting workflows

Patient expectations are increasing, and patients are becoming more vocal about their healthcare experience. The Mobile Workflow, our Companions, and other smart tools of SOMATOM go.Now support you in your work and let you stay with your patients – so they feel personally attended to and experience their treatment more positively.

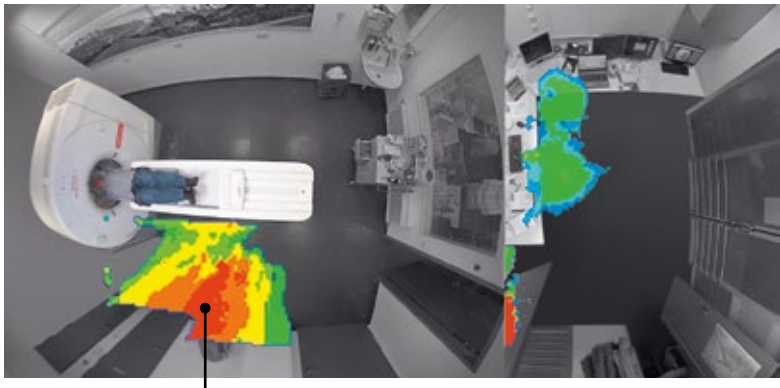
Workstation – use it where you need it

Thanks to tablet-based operation and gantry-integrated computers, SOMATOM go.Now gives you complete flexibility over where you position the workstation. Simply place it where it best suits your clinical workflows, guidelines, and infrastructure. Find out more on page 20.

Less time in the control room, more with the patient



A standard workflow – with most of the operator's time spent in the **control room**.



The unique Mobile Workflow with SOMATOM go.Now – a huge shift toward spending most of the time **with the patient**.

Average time spent on location:

Low High

"The Mobile Workflow: More than ever, the patient is in the center of the whole examination."

Carla Susana Ribeiro Pinto
CT radiographer at Centro Hospitalar de São João, Porto, Portugal

Higher efficiency, higher patient comfort, fewer motion artifacts

Thanks to mobile devices and connected data, you can stay close to the patients who need attention most. This also helps improve image quality and thus diagnostic confidence. Empirical results show that staying close to patients can substantially improve their examination experience.[6]

The Mobile Workflow – figures tell the story

20%
faster patient preparation[6]

62%
increase in positive patient experience[6]

90%
more time spent in the same room with the patient, plus higher freedom of movement for radiologists[6]

39%
increase in patients who feel more satisfied from the medical service they receive[6]

Figures compared to conventional workflow.

Scan&GO

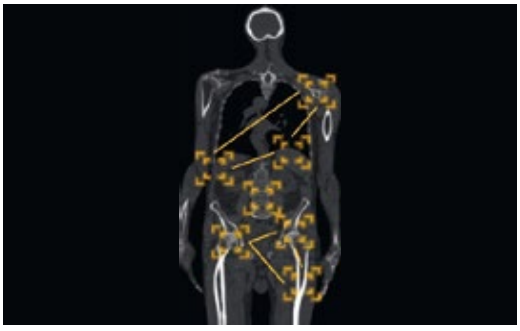
Spend more time with your patients: Scan&GO lets you access the entire scan procedure on the tablet – from patient registration to image viewing. Stay with your patients during the procedure and even practice breath-hold. Control scans remotely and check images quickly right after the scan on your tablet. And enhance your degree of freedom by using up to three tablets in perfect sync.

Check&GO

Based on big data, the intelligent algorithms from Check&GO identify potential errors with organ coverage or contrast media volume and distribution plus the presence of wearable metal objects (e.g., belts, necklaces). This helps you take immediate action or correction.

Recon&GO

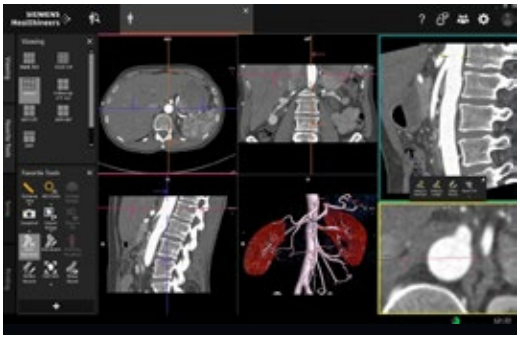
Recon&GO delivers fast and standardized results irrespective of the operator. With AI recognizing patient landmarks and anatomies, it automates postprocessing tasks to reduce repetitive workflow steps. Even spectral imaging becomes routine, since Recon&GO automatically creates zero-click results. It offers a fully automated recon process for any organ – including all vascular views for contrast-enhanced CT reporting.



Clinical image courtesy of Erlangen University Hospital, Erlangen, Germany

CT View&GO

CT View&GO enables smooth reading in one workflow right at the scanner. Advanced CAD algorithms and applications boost diagnostic confidence. Communication within your department is easy, since CT View&GO automatically films and distributes images and results according to your settings.



Clinical image courtesy of Erlangen University Hospital, Erlangen, Germany

myExam Companion: Intelligence that works with you

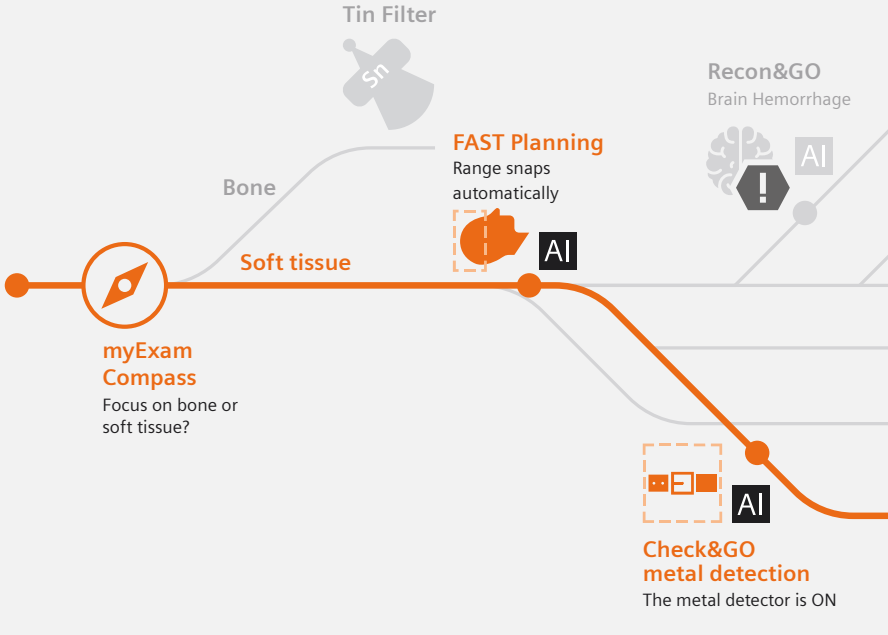
myExam Companion takes you to the predefined scan strategy. By answering a handful of simple questions, myExam Companion guides you quickly and safely through any procedure.

Reliable and reproducible results

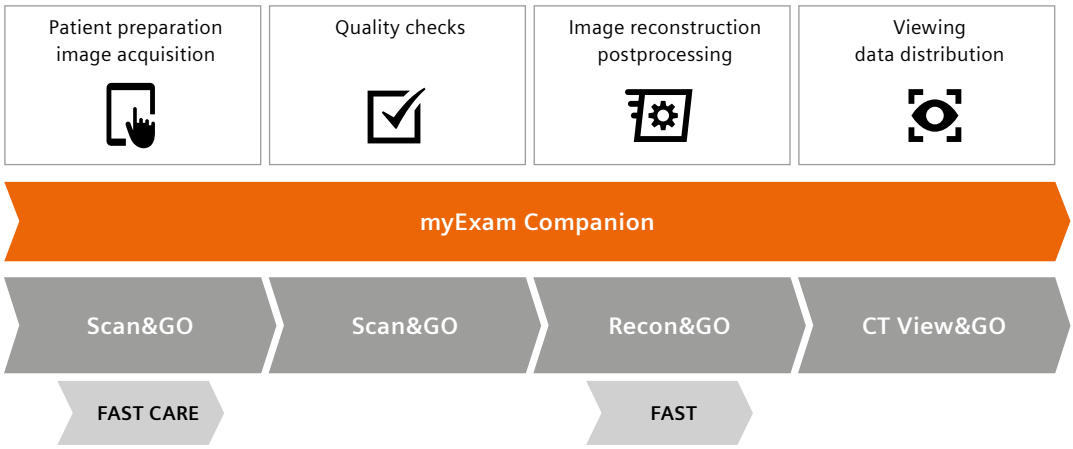
myExam Companion is a unique approach to scanner operation, designed to make work easier for users, personalize procedures for patients, and deliver consistent and comprehensive results for radiologists. It guides users of all experience levels through routine examinations as well as more complex procedures such as stroke assessment, spectral studies, or coronary CTA. myExam Companion asks users the right question at the right time, such as **"Is the coronary calcium burden low?," "Does the patient have stents?,"** or **"Are automatic reconstructions of the coronaries needed?"** The answers are linked to predefined scan parameters.

myExam Companion guides you through your neuro emergency examination

Clinical image courtesy of Zhengzhou City Central Hospital, Henan Province, P.R. China

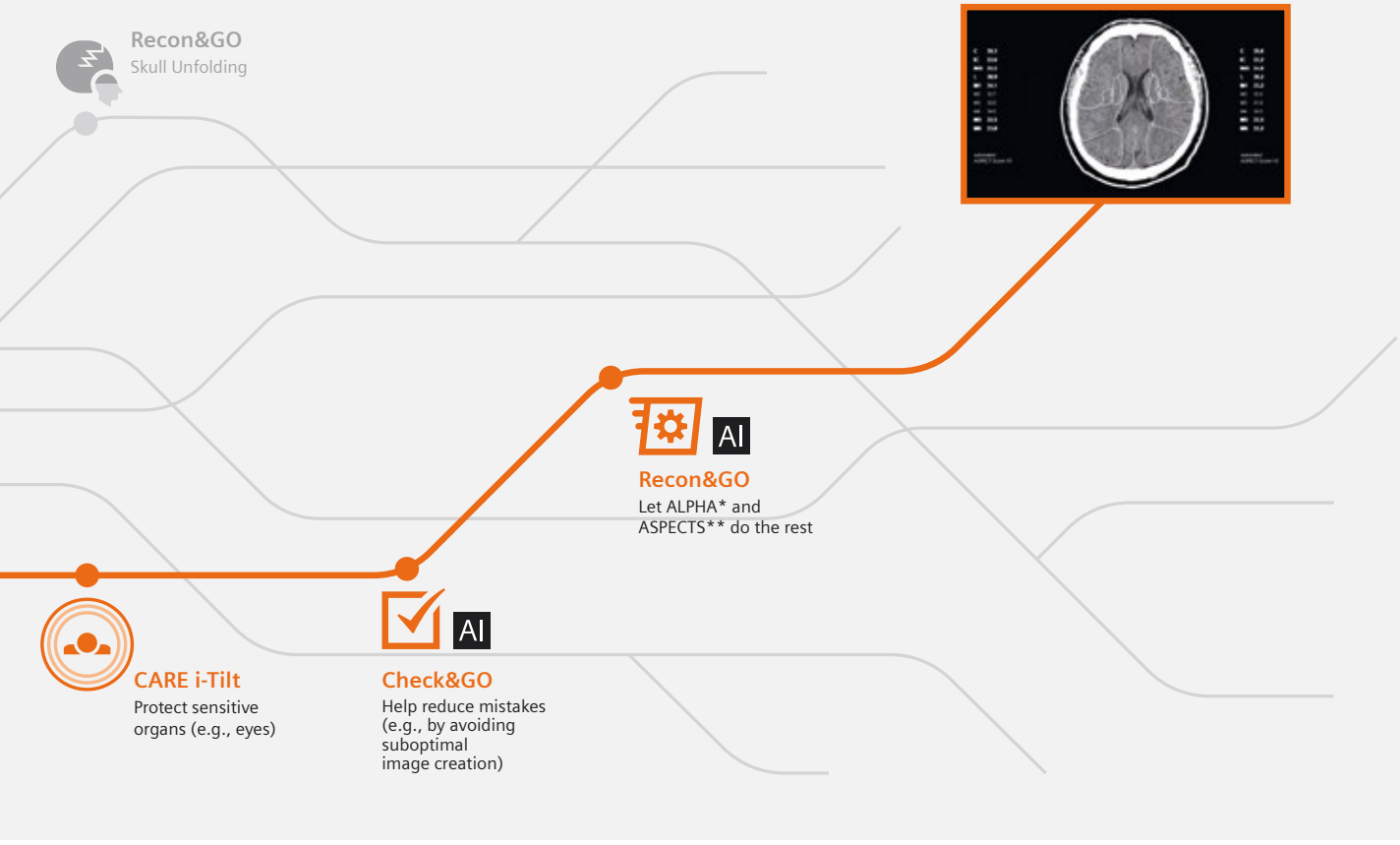


AI Artificial Intelligence inside *Automatic Landmarking and Parsing of Human Anatomy
**Alberta Stroke Program Early CT Score



Enhanced consistency

Proven for years, FAST technology brings speed and efficiency to daily CT routines. It makes complex procedures more intuitive and enhances consistency through standardized workflows. CARE solutions optimize dose level and image quality, and offer patient-friendly scans with parameters adapted to the individual anatomy. FAST, CARE, and GO help you deliver better results, make scanning safer, and devote more time to taking care of your patients.



The secrets of low dose and excellent image quality

SOMATOM go.Now helps you integrate complex exams into daily practice. Equipped with premium technologies, it delivers results you would not expect from a routine system.

Stellar detector

Reduces image noise in every scan, while the advanced iterative reconstruction SAFIRE®[7] delivers excellent image quality at very low dose. Due to an increased channel density and a new geometry, the detector provides excellent and homogeneous image quality, even in complex areas.

The Stellar detector:

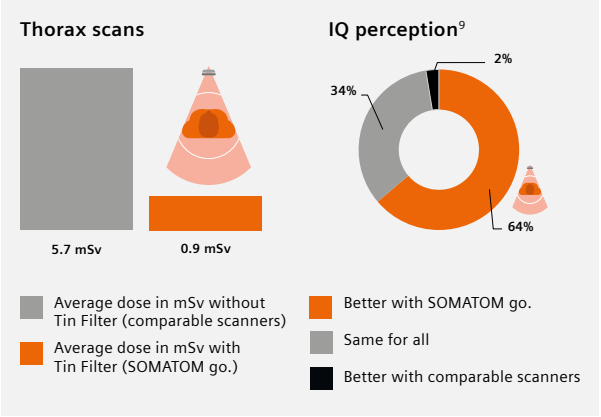
- Up to 50% less dose to achieve equivalent image noise compared with conventional detectors
- Up to 45% fewer streak artifacts through regions of high attenuation (e.g., shoulder)[8]

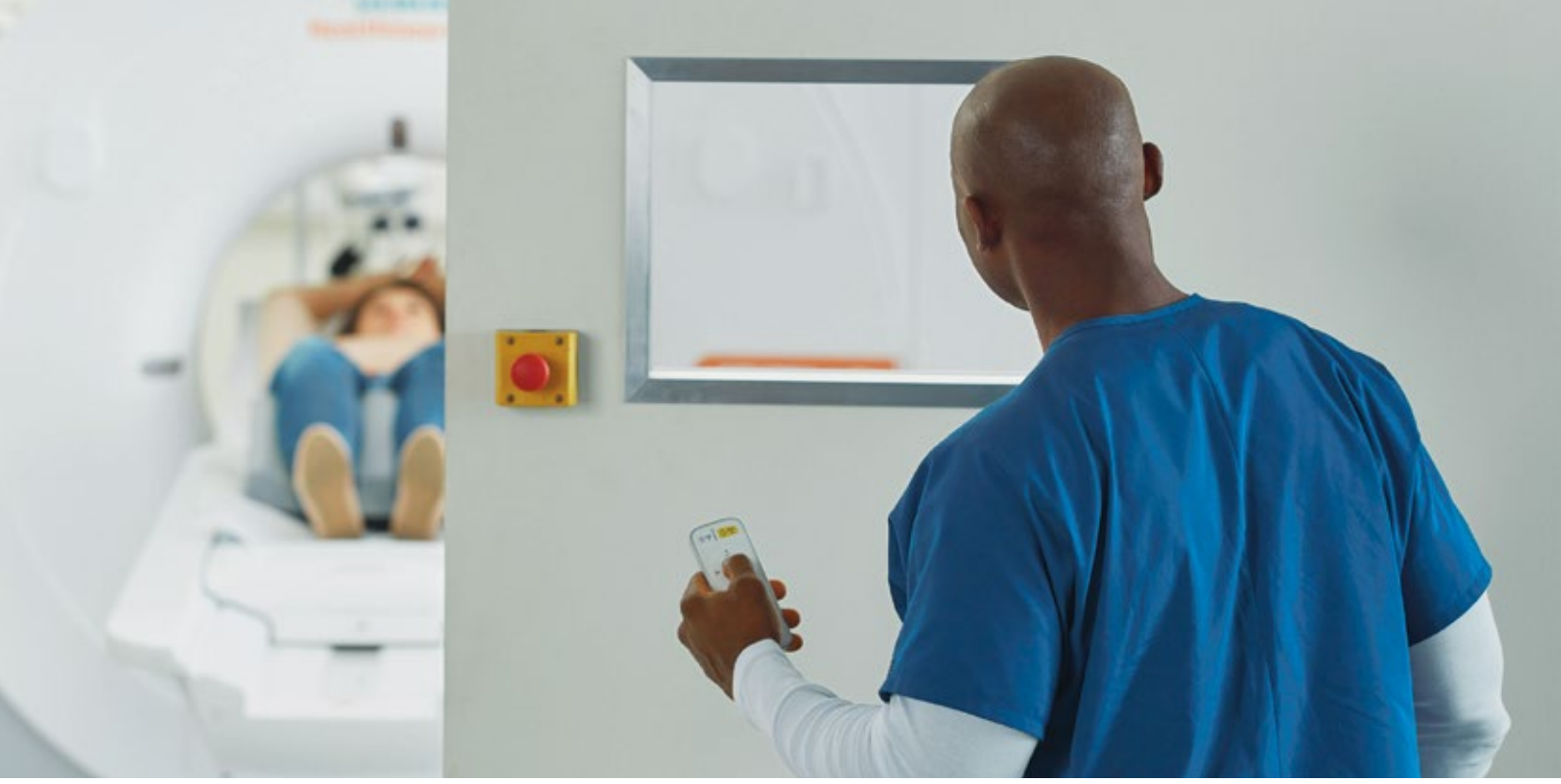
High Power 80

Allows you to scan at the highest tube voltage in its class: up to 400 mA at 80 kV – thanks to the Chronon™ X-ray tube. This achieves better iodine contrast for sharper images, even in small distal vessels. As a result, you can considerably reduce contrast media and thus scan more patients, deliver better patient care, and reduce examination costs.

Tin Filter

Achieves ultra-low dose levels by cutting out lower energies and optimizes image quality, for example at the interface between soft tissue and air. This unique technology from Siemens Healthineers has direct benefits in lung and colon imaging, for example. Clinical experience also shows that the unique Tin Filter technology reduces beam-hardening artifacts and improves image quality in bony structures.



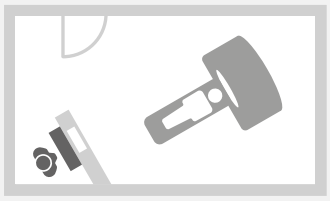


Improve profitability with a smart investment

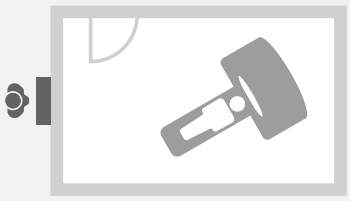
With reimbursements and budgets shrinking, the initial investment and the Total Cost of Ownership (TCO) become key factors of your CT system. That's why SOMATOM go.Now has been designed for clever savings, reduced lifecycle costs, and easy fleet management.

Initial investment: Outsmarting installation costs

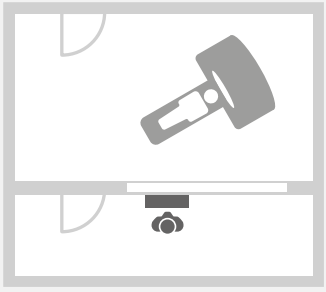
SOMATOM go.Now comes with low installation costs. Thanks to gantry-integrated computers and the flexible room concept, you no longer need to invest in a separate control room. Whatever concept you choose, your operators are fully protected while the X-ray is on:



Niche setup in the examination room



Workstation outside the room (e.g., in the corridor)



Traditional two-room setup with separate control room

Your product services in the digital era

The equipment service for SOMATOM go.Now is based on the matchless global service infrastructure of Siemens Healthineers:

> 207 billion
data points for > 5,000 patterns in neural network

> 40,000
updates & upgrades per year

> 50%
remote solving rate

> 31,000
active systems and > 2,000 service engineers

Advance Plans with AdvanceNow: The service plan in the digital era

The Advance Plans are Siemens Healthineers' service agreements for maximized efficiency and excellent clinical outcome in the digital era. They comprise a wealth of innovative and intelligent services that keep you cutting-edge, connected, and competitive. At the core of every service contract is Siemens Healthineers' continuous update and upgrade service, AdvanceNow. This key component provides frequent software updates and upgrades – including cybersecurity patches – and replacement of computer hardware as required, enabling you to benefit from advancements in intelligent imaging. Keep your imaging equipment up-to-date, constantly and easily.

Based on this exceptional infrastructure and connected through our Smart Remote Services, SOMATOM go.Now offers unique services to continuously ensure system availability:

Condition-based maintenance
Reduced maintenance downtime through system load-specific maintenance intervals. Key components and parameters of the system are constantly monitored with regard to maintenance tasks.

Remote technical support
Improved equipment uptime through fast access to technical expertise and usage of advanced tools. Technical experts provide you with fast and efficient support to restore your operations and increase the availability of your equipment remotely.

PEPconnections
The competency-based online education solution that offers instant access to education, performance support, and expertise. Personalize the education experience of individual employees with customizable learning plans. Assign, create, track, and manage the education of entire groups.

Technical specifications

Discover what's inside your SOMATOM go.Now.

Key data

Slices	32
Rotation times	up to 0.8 s
Tube	3.5 MHU (8.75 MHU equivalent value with SAFIRE[10])
Power	32 kW (80 kW equivalent value with SAFIRE[10])
Tube voltage	80, 110, 130 kV Sn110, Sn130
mA	up to 400 mA (1.000 mA equivalent value with SAFIRE[10])
z-coverage	16 x 0.7 mm
Max. table load	up to 227 kg

Why Siemens Healthineers?

At Siemens Healthineers, we pioneer breakthroughs in healthcare. For everyone. Everywhere. By constantly bringing breakthrough innovations to market, we enable healthcare professionals to deliver high-quality care, leading to the best possible outcome for patients.

Our portfolio, spanning from in-vitro and in-vivo diagnostics to image-guided therapy and innovative cancer care, is crucial for clinical decision-making and treatment pathways. With our strengths in patient twinning, precision therapy, as well as digital, data, and artificial intelligence (AI), we are well positioned to take on the biggest challenges in healthcare. We will continue to build on these strengths to help fight the world's most threatening diseases, improving the quality of outcomes, and enabling access to care.

We are a team of 66,000 highly dedicated employees across more than 70 countries passionately pushing the boundaries of what's possible in healthcare to help improve people's lives around the world.