Made to match

The SOMATOM go. platform with myExam Companion

siemens-healthineers.us/somatom-go-platform

SIEMENS Healthineers

Made to match

Clinical trends and guidelines change. Your needs evolve.
Our solutions evolve. In the SOMATOM® go. platform, both come together.

Whether you are just starting out in CT or you are looking to offer advanced procedures, the SOMATOM go. platform offers the right scanner for your clinical tasks and beyond.

Major trends challenging CT departments

46%
radiologists report burnout[1]

9%
US annual increase in CT procedures[2]

59%
Staff satisfaction and morale is a major priority for a CT department[2]

Smart – intelligent tools to match your workflows

Amid ongoing radiology workforce shortages, the demands on staff continue to rise. To support users in their daily work and help them meet radiologists' expectations, the SOMATOM go. platform features myExam Companion, providing AI-supported guidance to patients and operators throughout the workflow and driving consistency in exam setup and image quality.

62%

increase in positive patient experience.[4]

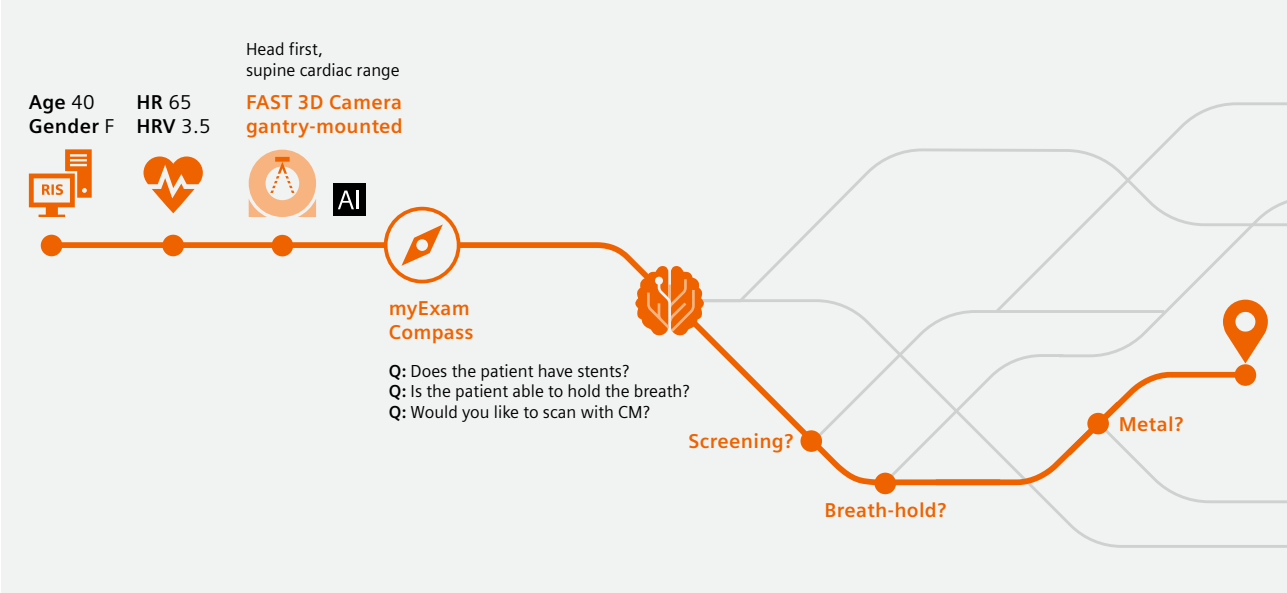
84%

time saving in preparation of abdomen procedures with contrast medium, when using myExam Companion intelligent workflow.[5]

AI-supported end-to-end workflow automation

Benefit from customizable protocols and automated support from preparation through data distribution. Intelligent guidance works with users to reduce workloads and make advanced procedures routine.

The **FAST 3D Camera gantry-mounted**[6] offers patient positioning with AI-support for dose modulation, body region, and scan direction.
The SOMATOM go. platform also features **myExam Compass,** which automates scanner operation by optimizing parameters for every patient.



Smart features focusing on patients' well-being

Put your patients' well-being in the center and improve their experience: The SOMATOM go. platform features **myExam Care,** which combines smart solutions that help you keep radiation dose low and your patients at ease.

CARE 2D Camera helps you monitor your patients throughout procedures.

CARE Breathe[6] offers intuitive color-coded guidance for breath-hold.

CARE Moodlight[6] is integrated ambient lighting. In addition, it provides smart light indications for visual guidance.

Flexible – performance to match your clinical needs

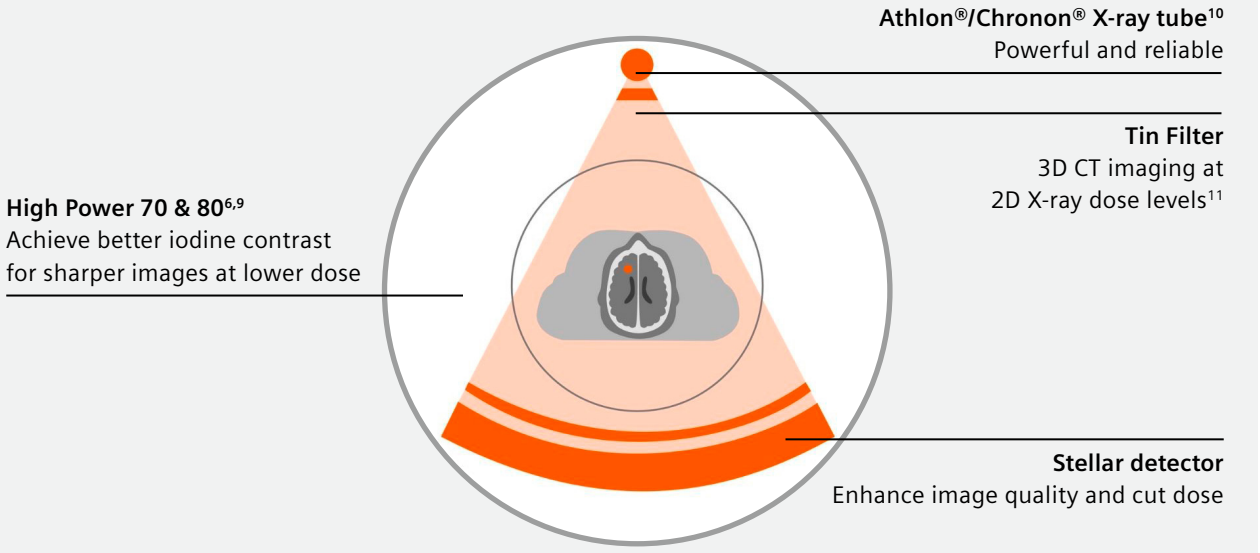
As CT becomes increasingly relevant, many healthcare facilities are expected to handle a broad variety of complex and specialized procedures. The SOMATOM go. platform of CT scanners helps you tackle your specific clinical setup and tasks, so you can optimally adapt to each patient and produce consistent results for a diverse patient mix.

"A positive effect is that we need considerably less contrast medium than with other systems. We're talking about a dose reduction of 20% in a standard case."[5,7]

Niels Hellige, MD
Radiology specialist at MVZ Langenhagen, Langenhagen, Germany

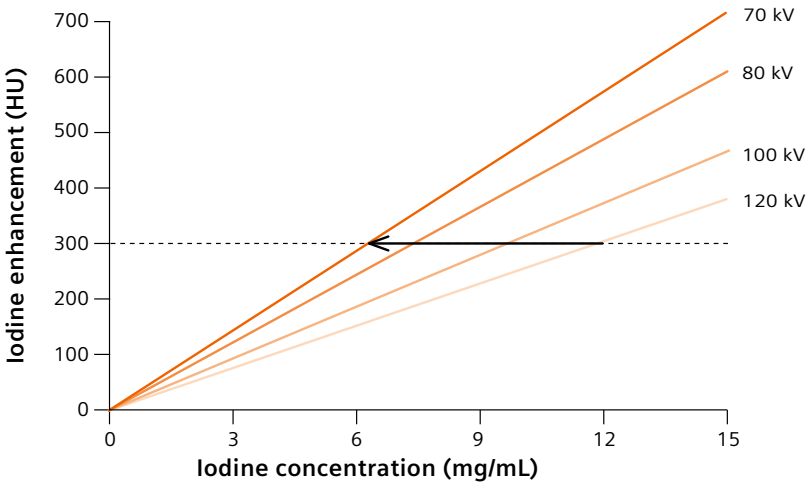
Best-in-its-class imaging chain[8]

Powerful components deliver standardized images in unprecedented quality. AI-supported workflows ensure the whole imaging chain operates in perfect harmony. From the X-ray tube to the detector, it is optimized for image quality and dose.



Low kV imaging in clinical routine

The powerful Athlon® and Chronon® tubes achieve high tube currents. This enables low-kV imaging at faster scan speeds, which is for example important in pediatric, vascular, and thorax imaging.



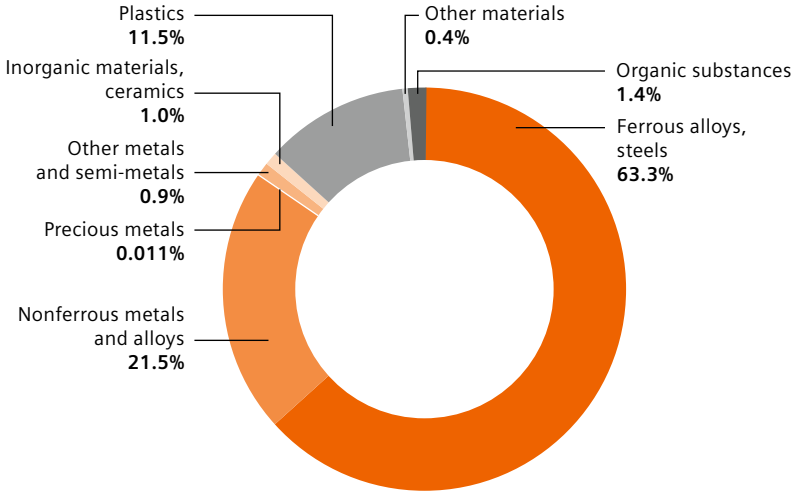
Intelligent parameter selection for each patient size and clinical task allows optimized iodine contrast.

Learn more about the imaging chain of the SOMATOM go. platform and its low-kV capabilities:

This QR code is also clickable.

Productive – a smart investment to match your goals

When purchasing a CT scanner, there is more than just the equipment cost to consider. With the SOMATOM go. platform, you benefit from reduced lifecycle costs, new reimbursement opportunities, and a connected fleet.



98%

recyclable substances.

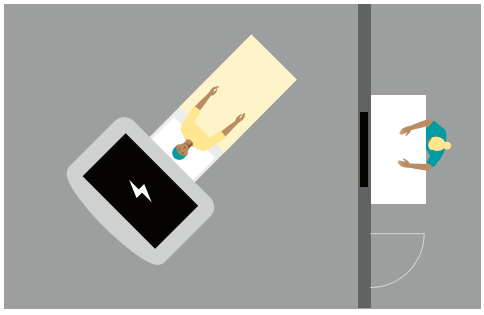
The SOMATOM go. platform is primarily constructed from metals, ensuring a high degree of recyclability. The remaining 2% can be used for thermal energy recovery.

Maximized versatility of existing facilities

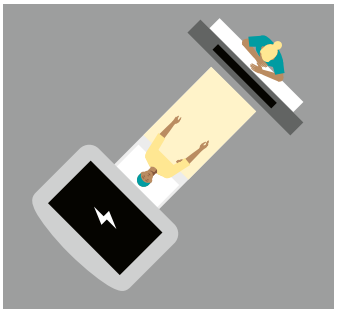
With a scanner footprint[12] of just 4 m², no need for additional ceiling infrastructure for the **FAST 3D Camera gantry-mounted[6],** gantry-integrated generator and computers, and improved energy efficiency, the SOMATOM go. platform helps you make the most of your existing space and reduce costs.

Smooth patient positioning powered by AI with FAST 3D camera gantry-mounted[6]

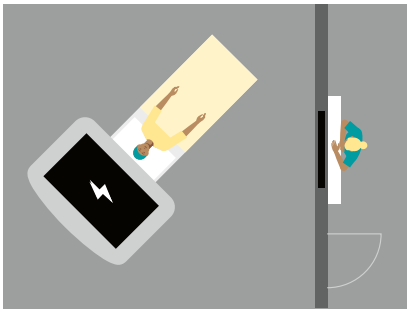
Flexible, cost-efficient room concept



Setup without a third room



Shielded niche concept[13]



Lean control room concept

Improvements in energy efficiency and sustainability

To actively manage the environmental footprint, the SOMATOM go. platform significantly reduces power consumption compared to previous-generation CT scanners.

33%

power consumption reduction[5]

More connectedness and increased standardization[6]

Keep your systems running smoothly, avoid unplanned downtime, and manage your Siemens Healthineers CT scanner fleet 24/7 from any browser-capable device.

- **Hybrid learning**
  personalize learning tools to boost staff competence
- **teamplay Protocols**
  share protocols across your CT fleet
- **Advance Plans**
  solutions for optimum service and future-readiness

Find your match

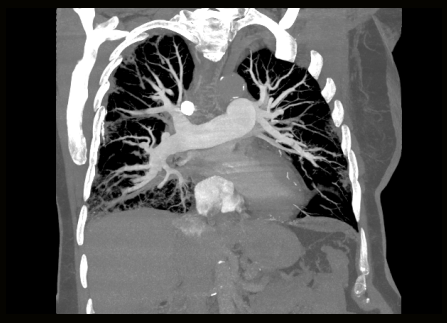
SOMATOM go.Up

is a scanner designed for daily routine
that helps you adhere to clinical guidelines.

- Head and neck
- Thorax
- Abdomen – multiphase imaging
- Vasuclar imaging

• Pulmonary embolism evaluation in emergency setting
• High pitch and fast rotation for optimizing scan time

Scan parameters: **110 kV**
$CTDI_{vol}$: **1.67 mGy**



Courtesy of MVZ Langenhagen, Langenhagen, Germany

Slices: 64
Rotation time: Up to 0.5 s[6]
kV: 80, 110, 130 kV
Max mA: 240 mA (400 mA[6])
Power: 32 kW

Clinical highlights

Find your match

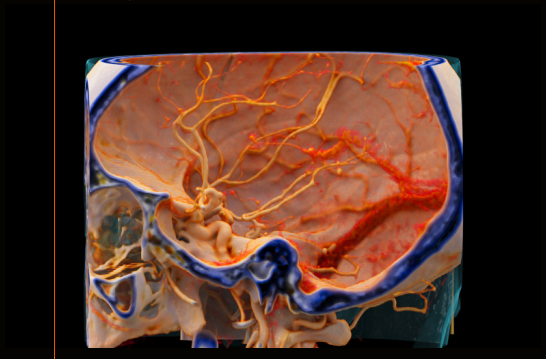
SOMATOM go.All

is a scanner that covers daily procedures and prepares you for more advanced procedures when needed.

- Neuro imaging
- Vascular imaging
- Oncology
- Cardiovascular imaging

- Intra-cranial CTA
- Powerful low-kV imaging

Scan parameters: **120/80 kV**
$CTDI_{vol}$: **38.4/6.3 mGy**



Courtesy of Centro Hospitalar e Universitario de Coimbra, Coimbra, Portugal
Cinematic VRT performed with syngo.via

Slices: 64
Rotation time: Up to 0.33 s[6]
kV: 70–140 kV in 10 kV steps
Max mA: 625 mA (825 mA[6])
Power: 75 kW

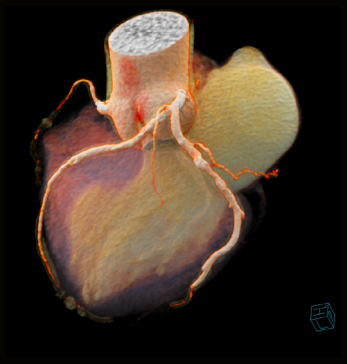
SOMATOM go.Top

is a clinical allrounder that gives you full flexibility in your clinical tasks.

- Cardiovascular imaging
- Neuro & trauma imaging
- Spectral imaging
- Oncology

- Stenosis evaluation of the coronaries
- CARE kV adapts individually to each patient in 10 kV steps

Scan parameters: **110 kV**
$CTDI_{vol}$: **10.3 mGy**



Courtesy of University Hospital of Erlangen, Erlangen, Germany
Cinematic VRT performed with syngo.via

Slices: 128
Rotation time: Up to 0.33 s[6]
kV: 70–140 kV in 10 kV steps
Max mA: 625 mA (825 mA[6])
Power: 75 kW

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 are continuously developing their 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. In fiscal 2022, which ended on September 30, 2022, Siemens Healthineers, which has approximately 69,500 employees worldwide, generated revenue of around €21.7 billion and adjusted EBIT of almost €3.7 billion.

Further information is available at www.siemens-healthineers.com.

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6. *Optional.*
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