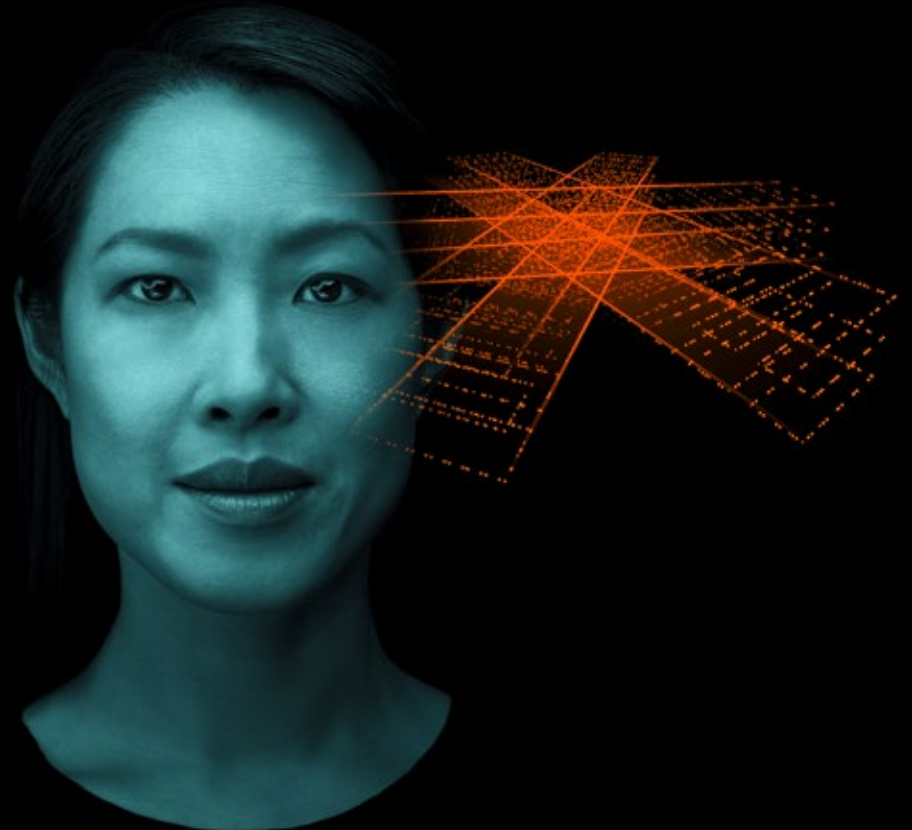


SOMATOM go.Up

Affordable Precision

siemens-healthineers.com/somatom-go-up-rt

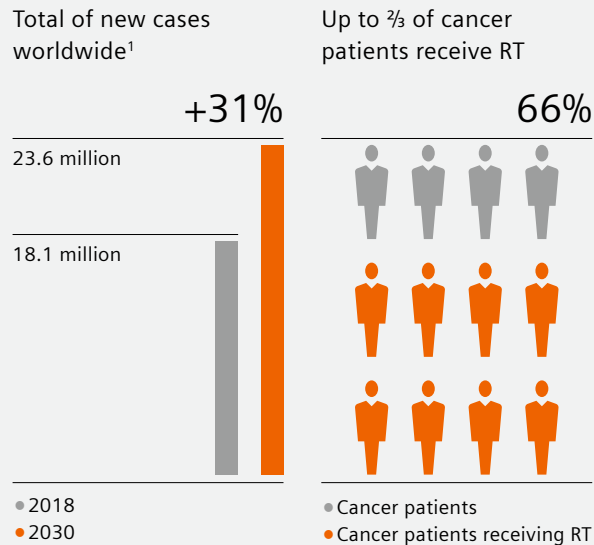


SIEMENS
Healthineers

Staying competitive in a growing market

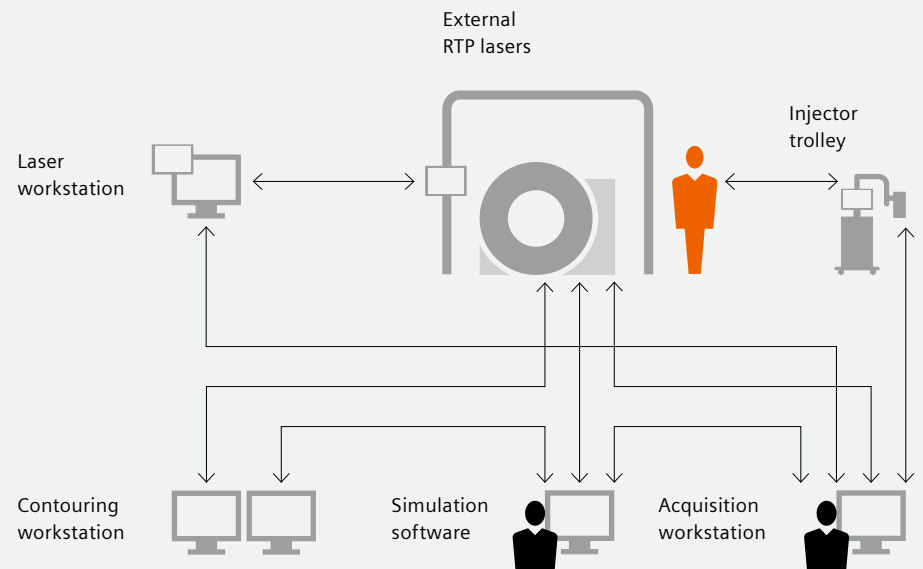
Today's healthcare providers are under increasing pressure to deliver radiotherapy to more patients than ever before. This demands innovative solutions that will allow you to work more efficiently and lay the foundations for the best possible treatments and optimal patient outcomes.

A growing problem



With cancer cases expected to surge by 31% between 2018 and 2030,¹ RT departments will see a huge rise in the number of patients requiring their support.

An imperfect workflow



The rise in RT patient numbers will add further pressure to the already complex and challenging RT workflow. Patients go through a multi-step process that involves multiple data exchanges. At Siemens Healthineers, treatment preparation is our area of expertise. That's why we want to optimize this part of the process by addressing the lack of integration in existing systems.

The challenges in precise CT simulation

The challenge with precision imaging is that new technologies and innovations are often not available for affordable CTs.

Modern Radiation Therapy Planning scanners need to produce standardized and reproducible imaging results with optimal visualization.

SOMATOM go.Up delivers intelligent integration of hardware and software directly controlled via a new intuitive user interface, letting you focus on your patient instead of operating the scanner.

SOMATOM go.Up is a price effective modern and precise CT scanner, equipped with quality components and Radiation Therapy relevant software features, making it an ideal for everyday routine.

Affordable Precision

60% of RT incidents are caused by manual operation and data exchange²



Affordable Precision



Standardized results for precision treatment

With quality features that provide automated patient modeling, motion management and metal artifact reduction.



Simplified daily simulation work

With the innovative guided simulation workflow. Simply GO Green to the next step.



Affordable solution for CT simulation and diagnostic use

With a modern system equipped with quality components and Radiation Therapy relevant software features, making it an ideal for everyday routine.



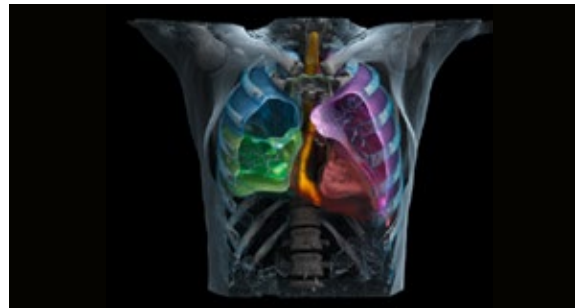
Key technical data

sFoV	Acquired slices / reconstructed slices	Z-axis coverage	Rotation time	Power	Max. table load
50 cm	32 / 64	1.92 cm	0.8 ³ , 1.0, 1.5 s	32 kW (80 kW ⁴)	227 / 307 ³ kg (TG-66 compliant tables)

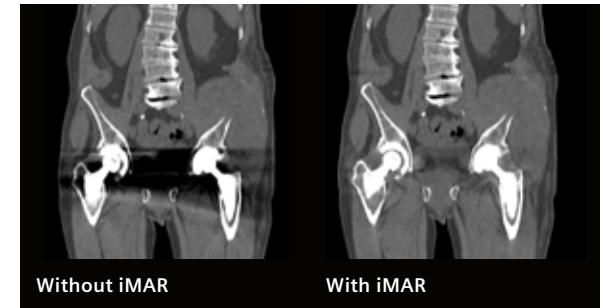
Go for standardized results for precision treatment



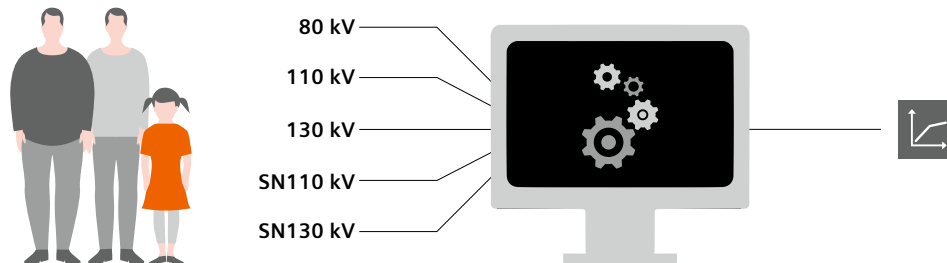
Comprehensive Respiratory Motion Management (4D CT) with FAST 4D provides automated and reproducible results independent of the operator. The straightforward 4D assessment with contouring propagation and 3D tumor trajectory allows for routine ready resision for moving targets.



AI Rad Companion Organs RT provides precision for **OAR contouring**. The automated high quality OAR contouring frees up resources for other clinical tasks. Modern cloud deployment provides secure multi-site, multi-scanner scalability with a risk free subscription model.

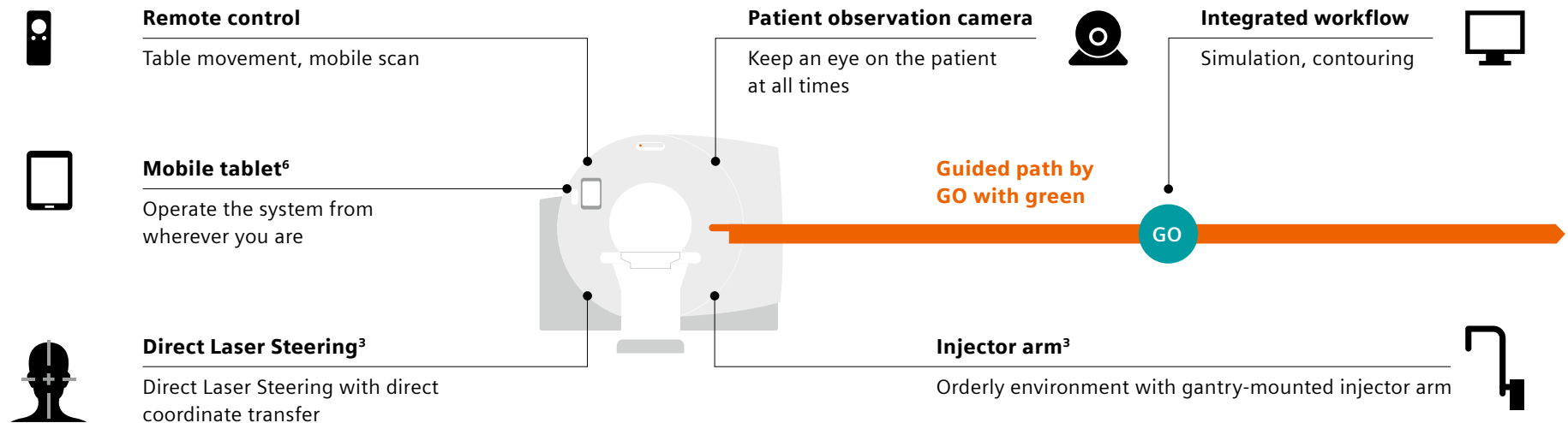


Confident tumor visualization thanks to automated metal artifact reduction with **iMAR (iterative metal artifact reduction)**. It is a proven algorithm that uses adaptive sinogram mixing to reduce metal artifacts. The CT simulator handles common metal implants and sends the optimized images directly to the TPS.



Precise target contouring with optimum kV imaging and a single calibration curve thanks to **DirectDensity**. It unlocks the use of optimized kV settings by eliminating the need for tube-dependent calibration in the treatment planning system.

Go for an innovative mobile simulation workflow



The new mobile workflow is an integrated solution that makes CT simulation smoother and less error-prone. The system contains everything you need, and you operate it using a single mobile tablet. This highly innovative setup gives you more time with patients.

In short: Simplified daily simulation work with the innovative guided simulation workflow. Simply GO with Green to the next step.

Reproducible results with guided CT simulation

- Standardized, smoother CT simulation thanks to the green GO buttons
- Automated processes and fewer repetitive workflow steps
- More time to spend with patients

Freedom with a new patient-marking solution

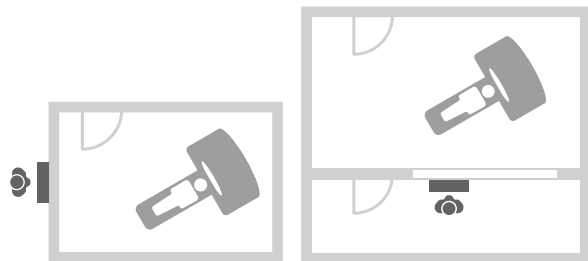
- Smoother, less error-prone CT simulation with no need to switch workstations
- A fast and seamless workflow for patient marking thanks to Direct Laser Steering⁵ and the mobile tablet⁶



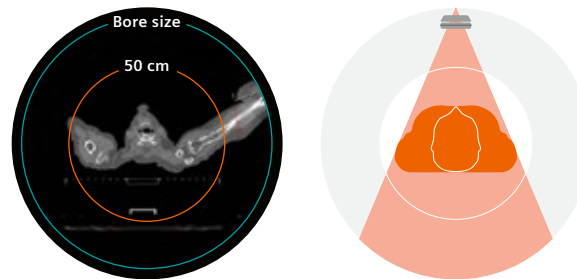
Go for an affordable solution for CT simulation and diagnostic use



Financial certainty and **piece of mind** with Advance Plans. Offering computing hardware replacements to ensure state-of-the-art performance as well as system software upgrades to enhance efficiency and clinical outcome with intelligent new functionalities.



Small footprint for flexible installation and gain full control over your space with a scanner designed for easy setup. Fit your simulator into a room sized as small as 14 m².

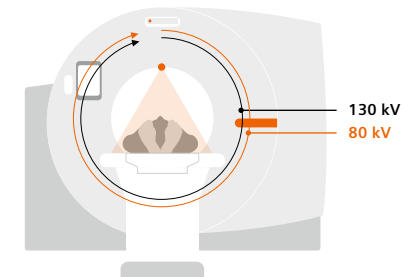


Quality components provides excellent Diagnostic capabilities for shared use like screening.

- **HD FOV** enables visualization up to the bore size
- **Tin Filter (Sn)** filters out lower energies and improves tissue differentiation
- **SAFIRE Iterative reconstruction** reduces noise while maintaining image quality and detail visualization
- **Stellar Detector** provides reduced electronic noise and improved resolution with higher channel density in scan plane
- **Low Power Consumption** with a max. power consumption of ≤ 50 kVA and a standby consumption of ≤ 2 kVA.
- **myExam Companion** turns aggregated data into built-in AI expertise to leverage the full potential of technologies automatically, allowing for reliable and reproducible results from day one.



TG-66 compliant RT Patient Table³ up to 307kg and Multi-index RTP Overlay³ compatible with Varian and Elekta indexing. The light weight overlay is ideal for shared use.



TwinSpiral Dual Energy is routine-ready as all workflow technologies are applicable. TwinSpiral Dual Energy also allows for better spectral separation thanks to the spectral properties of the Tin Filter.

On account of certain regional limitations of sales rights and service availability, we cannot guarantee that all products included in this brochure are available through the Siemens sales organization worldwide.

Availability and packaging may vary by country and is subject to change without prior notice. Some or all of the features and products described herein may not be available in the United States.

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

Siemens reserves the right to modify the design, packaging, specifications, and options described herein without prior notice. Please contact your local Siemens sales representative for the most current information.

Note: Any technical data contained in this document may vary within defined tolerances. Original images always lose a certain amount of detail when reproduced.

¹ Union for International Cancer Control (UICC), <https://www.uicc.org/>; Cancer Research UK, www.cancerresearchuk.org

² Greenwalt J et al. Reducing errors in radiation therapy through electronic safety checklists. *Applied Radiation Oncology*. 2014: 5–9

³ Optional

⁴ Equivalent value with SAFIRE

⁵ Optional, available on compatible LAP lasers

⁶ Up to 3 additional tablets are optional

Siemens Healthineers Headquarters

Siemens Healthcare GmbH
Henkestr. 127
91052 Erlangen, Germany
Phone: +49 9131 84-0
siemens.com/healthineers