



**It's Time for a Change**  
Elevate Your System Performance

**SIEMENS**  
medical

# Take the Chance for a Change – Invest into Your Future

Time flies, technology proceeds. No other area of medical imaging has witnessed an explosion of performance comparable to the one which has occurred in CT. Through Multislice CT and its outstanding spatial and temporal resolution, CT gained access to new clinical fields such as early detection of pre-clinical pathologies and coronary imaging.

You will be surprised how easy it is to optimize your daily routine with the new generation of our SOMATOM® CT scanners offering you a brand new range of advanced clinical possibilities.

Why still invest in service and repair for an outdated product? With Life, our Customer Care Solution, you can benefit from a technology that helps you to stay competitive. Take diagnosis and patient care to a higher level.

**The time is ripe for a change. Elevate now.**

## Your Benefits

- Attractive trade-in value for your existing Siemens CT scanner.
- Modern equipment and secured investment.
- Increased performance and patient throughput.
- Improved image quality at increased volume coverage.
- New dose reduction features.
- Easy-to-learn and intuitive syngo® user interface.
- Improved clinical workflow.
- Broad range of advanced clinical applications, e.g. for early cancer detection.
- Optimized life-cycle costs.





*SOMATOM Spirit*



*SOMATOM Emotion*



*SOMATOM Sensation*



*SOMATOM Definition*

# Ready, Steady, Go – It's Time for Innovation

As Multislice CT has consistently proven its clinical value, we offer multislice systems for virtually all markets, medical purposes, and budgets. The decision is yours.

- **SOMATOM Spirit – Join the World of CT**  
SOMATOM Spirit is the ideal CT scanner for smaller practices, as it is cost-efficient and needs only little space.
- **SOMATOM Emotion – Efficiency in CT**  
SOMATOM Emotion is an excellent choice for larger private practices or smaller hospitals. It meets your everyday needs in CT.
- **SOMATOM Sensation – Performance in CT**  
Due to its excellent performance, SOMATOM Sensation is well-established in both clinical routine and advanced research.
- **SOMATOM Definition – Excellence in CT**  
SOMATOM Definition is the latest revolution in CT. Its new Dual Source CT technology promotes pioneering new clinical opportunities at the highest level, making it an ideal choice for bigger hospitals and research facilities.

# Don't Waste Time – Profit from Improved Features

Always aiming for perfection, we have improved our systems in many ways over the years: Besides increased image quality, we have successfully managed to reduce dose and we have made the handling of our systems much easier. With our innovative CT Clinical Engines, we offer you a unique combination of Siemens' innovative CT technology and *syngo* solutions. Coupled with new technologies like z-Sharp™ including the revolutionary STRATON® X-ray tube, Siemens set the trend for the most efficient use of modern Multislice CT in clinical practice.

## Minimize dose with our new CARE solutions

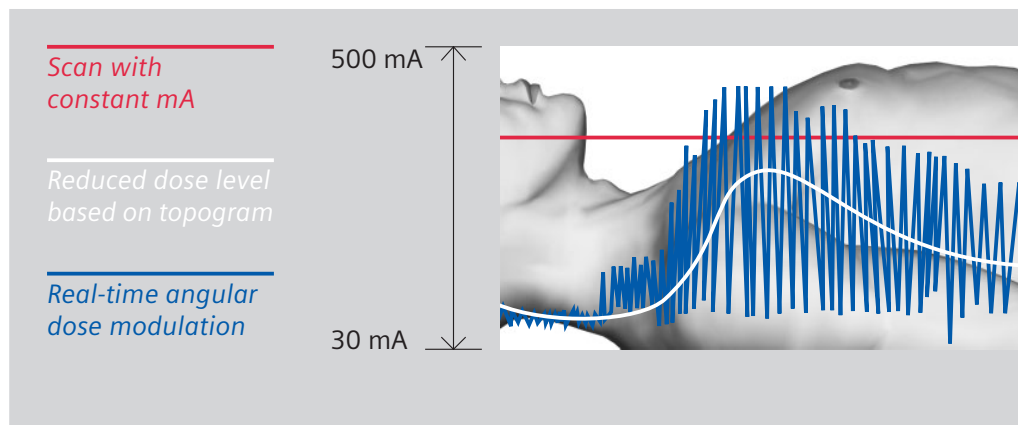
Making CT scanning safer for both operators and patients is very important to us. Therefore, minimizing radiation dose is one major topic we are concerned with. Our CARE (Combined

Applications to Reduce Exposure) features enable maximal image quality at minimal exposure – achieving a stunning dose reduction for both the patient and the examiner.

## Enjoy simplicity with *syngo*

*syngo* is our comprehensive software solution that enables you to effortlessly carry out tasks across all medical modalities and clinical networks. Thanks to its intuitive user interface, it is easy to learn and to operate. *syngo* is definitely setting the benchmark in healthcare industry.

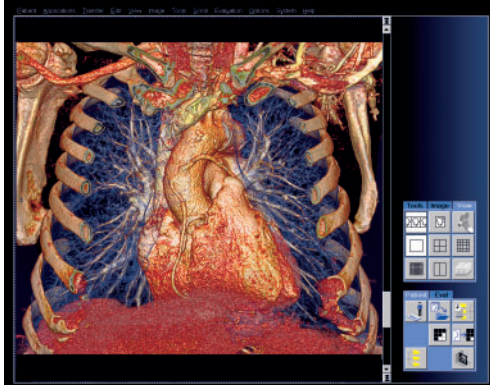
The result: Your daily routine gets done easier and quicker. Your efficiency reaches beyond a single workplace. Your system grows with your clinical needs.



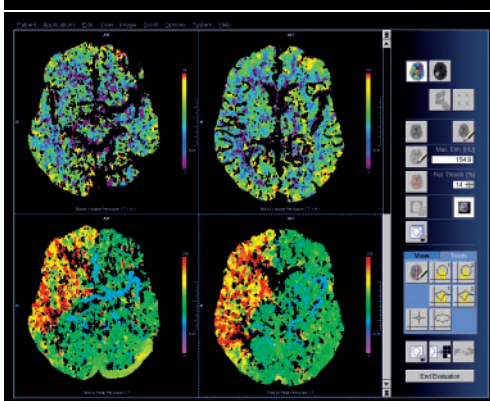
## Dose reduction with CARE Dose

Only the radiation that is really needed is applied to your patient – not more, not less.

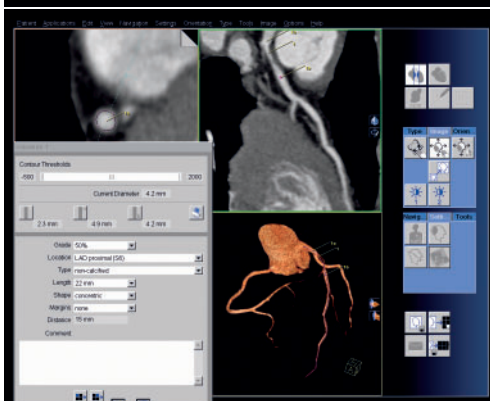
*syngo InSpace4D™,  
part of the  
CT Acute Care Engine.*



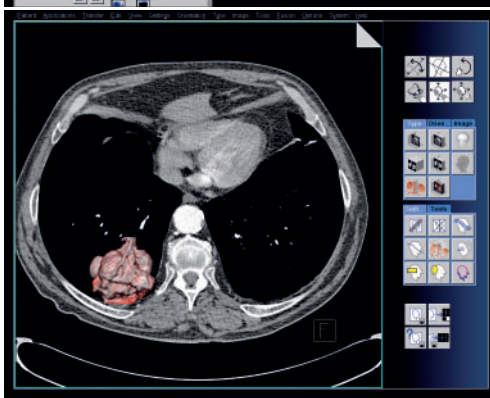
*syngo Neuro Perfusion CT,  
part of the  
CT Neuro Engine.*



*syngo Circulation,  
part of the  
CT Cardiac Engine.*



*syngo VRT, part of the  
CT Oncology Engine.*



## Speed up your performance and enter a new level of diagnostic confidence

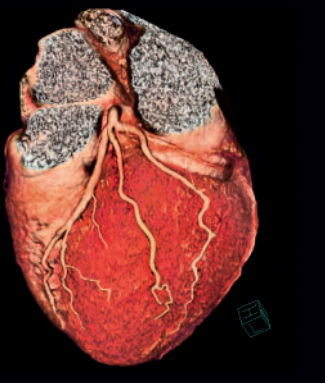
Faster diagnosis with enhanced confidence is no contradiction. Our CT Clinical Engines provide you with the optimal clinical configuration for a CT designed to simplify your workflow. CT Clinical Engines are available for oncology, neurology, cardiovascular, and acute care imaging.

- The CT Acute Care Engine is our high-speed solution for all emergency and trauma exams.
- For time-critical neuro exams, the CT Neuro Engine provides all you need for stroke, intracranial bleeding and other brain evaluations as well as for treatment planning.
- With the CT Cardiac Engine, you have the ideal tool for reliable non-invasive cardiovascular diagnosis and interventional planning.
- The CT Oncology Engine is developed for highly sensitive tumor staging as well as for early detection, evaluation, follow-up, and biopsy of tumors from head to toe.

Besides CT Clinical Engines, you can also decide for individual *syngo* software applications to customize your SOMATOM CT scanner, such as *syngo* VRT for fast 3D volume visualization or *syngo* Colonography CT for early visualization of colon polyps.

“Siemens gave us the unique opportunity to exchange our SOMATOM Plus 4 with a SOMATOM Sensation 64 with a maximum return on investment.

Now, we harvest the fruits – our patient throughput has increased as well as reconstruction speed and hardware performance; and we have new application possibilities.”



Andrew Blair, MD, Chairman of Radiology  
Sandy Winfield, Director of Imaging  
Franklin Square Hospital Center, Baltimore, MD, USA

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