Brilliance in everything

Philips CT products and services
Ready for anything

No one does more than Philips to help you gain the productivity you need with a comprehensive approach to CT that marries significant advances in technology, applications, and information-sharing with the support of services that help you make the most of your system from day one. And when your system does more for you, you can do more for your patients.

Experience CT as you’ve never seen it
Technology that makes your life both easier and more productive is the kind of technology we’re dedicated to bringing to you. From a single-slice scanner to the Brilliance 256-slice system, from Big Bore to PET/CT, we have solutions that uniquely fit your needs in radiology, oncology, and cardiology.

Rely on smart applications
Philips applications combine an intuitive grasp of the way you like to work with the built-in system intelligence to make the most of your time and talents, especially when evaluating cardiovascular disease, stroke, and cancer.

Leverage Brilliance Everywhere
This portal-based information management system makes every PC on your network into a workstation, performing data processing at a central location, with PCs serving as seamless interfaces.

Count on us from the start
We offer support in every season of ownership that aligns services to the natural phases of system ownership, from planning, start-up, and peak usage through renewal.

What simplicity means for you.
Your days demand more in every way. More from technology, and more for your patients. We believe technology exists to serve you, and not the other way around. And we know that better patient care starts with a deeper understanding of the challenges you face so that we can design exactly what you need to make the most of each day.
Brilliance iCT: A more intelligent form of CT
Brilliance iCT provides you with a quick path to new discoveries in clinical science. A breakthrough system providing superb image quality, coverage, and speed, it’s simply in a class by itself, improving image quality across a wide range of exams and using an advanced collimator to reduce radiation dose.

The system offers extended longitudinal coverage realizing up to 256 slices to enhance short-shot, high-power imaging, especially valuable during cardiac, perfusion, pediatric, and whole-body imaging.

Brilliance 64-channel: Breakthroughs become routine
Also driven by Essence technology, the premium Brilliance CT 64-channel system features the same proprietary advances in x-ray tube, detector, and reconstruction as Brilliance iCT to deliver optimal image quality and clinical performance for diagnostic confidence in all routine radiological imaging, including cardiac CT.

Conduct advanced multislice CT studies with the highest level of performance in neurovascular studies, coronary artery imaging, pulmonary imaging, and critical care. Expect new discoveries in routine studies and breakthroughs in clinical applications.

Breakthrough design every day.
Our powerful MRC X-ray tube was already legendary in the industry. But we felt it could be even better and more durable. So we redesigned it to feature a spiral groove bearing and smart focal spot with dynamic motion for better resolution, and a segmented anode for greater durability.

And when it comes to reconstruction, we combine the latest in processing technology (Quad-Core processors from Intel®) with Philips reconstruction algorithm enhancements so that nearly three-quarters of the factory protocols of the Brilliance 64-channel can be completely reconstructed in less than 60 seconds.

When we make life simpler for you, you can do more for your patients.

*Intel is a registered trademark of Intel.

Simply remarkable advances in every area

Powerful X-ray tubes
Designed to eliminate wait times, enable greater image fidelity, offer improved durability, and provide enhanced spatial resolution.

Innovative Nano-Panel detectors
Ultra-high signal-to-noise ratio enables fast and low-dose examinations, particularly important for coronary artery imaging, lung scans, and brain perfusion studies.

Intelligent RapidView reconstruction
3D Cone Beam Reconstruction Algorithm (COBRA) offers virtually artifact-free images, while Adaptive Multicycle Reconstruction provides high temporal resolution through rate-responsive techniques to freeze patient motion.

Brilliance iCT: A more intelligent form of CT
Brilliance iCT provides you with a quick path to new discoveries in clinical science. A breakthrough system providing superb image quality, coverage, and speed, it’s simply in a class by itself, improving image quality across a wide range of exams and using an advanced collimator to reduce radiation dose.

The system offers extended longitudinal coverage realizing up to 256 slices to enhance short-shot, high-power imaging, especially valuable during cardiac, perfusion, pediatric, and whole-body imaging.

Brilliance 64-channel: Breakthroughs become routine
Also driven by Essence technology, the premium Brilliance CT 64-channel system features the same proprietary advances in x-ray tube, detector, and reconstruction as Brilliance iCT to deliver optimal image quality and clinical performance for diagnostic confidence in all routine radiological imaging, including cardiac CT.

Conduct advanced multislice CT studies with the highest level of performance in neurovascular studies, coronary artery imaging, pulmonary imaging, and critical care. Expect new discoveries in routine studies and breakthroughs in clinical applications.
Brilliance is smart enough to be simple

You can choose the ordinary or even the occasionally extraordinary. Or you can choose Brilliance in everything you do. Brilliance CT systems give you the clinical advantages you need to attract referrals and the productivity advantages you need to keep them.

Brilliance CT: Sets the standard
From the Brilliance 6-slice to the exceptional 64-channel and iCT 256-slice configurations, specialty Big Bore and GEMINI PET/CT systems, the appeal of Brilliance is powered not only by more intelligent technologies inside, but also by stunning simplicity in how people can interact from the outside.

The value of MX CT
There’s no easier way to enter the realm of multislice CT imaging than the Philips MX* family of systems, combining the enhanced diagnostic benefits of multislice imaging with high throughput performance in an extremely versatile and easy-to-use package.

*Not available in the US

The future of CT? We’ll be there.
Spectral CT holds promise for potentially quantifying the amount of calcium in tissues such as calcified plaques and for the ability to differentiate multiple contrast agents from anatomical structures in one-pass CT scans.

Philips is leading the exploration of the benefits of spectral CT with advanced clinical and laboratory systems, applications, and research networks.

Philips is also actively researching the value of computer-assisted visualization software to aid earlier detection and diagnoses in several therapeutic areas.
Brilliance Everywhere from Philips is about providing better care to patients by improving workflow in essential ways. This is possible primarily through the Brilliance Portal, a server that performs intensive data processing at a central location with PCs as seamless interfaces.

**Turn every PC into a workstation**

With Brilliance Everywhere, clinical evaluations can be accomplished better and faster because every PC on the network is now a workstation, so the best expertise available can be applied to a specific patient’s case sooner and more efficiently.

**Work from any chair**

Whether working on their PACS, at the office, at home or on the road, users are capable of performing the same reformatting or post-processing activities that previously required them to be physically located at a Brilliance CT workstation.

**Keep it simple**

To simplify even further, the PC and dedicated workstation user interfaces are identical.

“We probably save 45 minutes to an hour per study by having CT Portal, so that’s been huge. If a tool is significantly improving your manpower efficiency, that’s a no-brainer.”

Dr. Jon Eckstrom, Oregon Imaging Centers and Sacred Heart Medical Center, Eugene, Oregon

In addition to cerebral blood flow (CBF), cerebral blood volume (CBV), mean transit time (MTT) and time-to-peak (TTP) maps, Philips Brain Perfusion software displays patented maps of reduced blood flow and blood volume to help distinguish between still-viable and non-viable infarcted tissue and provide valuable clinical information to assist in treatment planning.

The CT Virtual Colonoscopy package with perspective filet view is exclusive to Philips. This 3D display tool displays a 420-degree view of the anatomy, allowing the clinician to see nearly 100% of the colon surface while viewing the dataset only once, helping to reduce interpretation time and improve accuracy.

Philips Lung Nodule Assessment (LNA) software provides quantitative information about the size, shape and change over time of physician-indicated lung nodules. A variety of tools provide clinicians with the information necessary for fast and accurate study comparisons.

Applications developed with the experts

Who are these experts? They include you and your colleagues. Philips CT applications, designed with you and for you, are meant specifically to help you do more, do it faster, and do it better.

Radiation dose savings of up to 80% can be achieved with Philips Step & Shoot Cardiac low-dose imaging, an axial prospective, ECG-gated scanning mode in which X-rays are turned on only during the physiologic phase of interest.

Brilliance Everywhere for better care anywhere
Why healthcare providers demand Brilliance.

Philips can help healthcare providers gain the productivity they’re searching for with a smarter, more comprehensive approach to CT that’s focused on significant advances in technology, applications, and information-sharing, and supported by services to help make the most of every day. Talk with your Philips representative today to see what the powerful combination of simplicity and a focus on patients can do for you.