



# Outstanding performance is routine

Brilliance CT 16-slice

**PHILIPS**



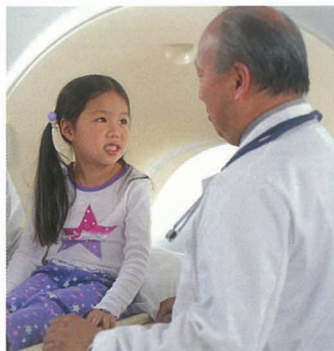
# Everyday Brilliance

Day in, day out you need a CT system you can trust to help you accomplish more for your patients, more efficiently.

The Brilliance CT 16-slice configuration is a complete and consistent system ideally suited to routine CT studies, CTA, and advanced motion-sensitive applications such as CT colonography and pulmonary studies. With fast reconstruction and a range of automated tools to set up patients and manage scans, it can help you make the most of each day. The system also includes a range of thoughtful features to help maximize dose efficiency.

The Brilliance CT 16-slice system offers:

- High-quality imaging, fast reconstruction, task automation, and evolved ways to minimize radiation dose
- Scan times of 0.5 sec full gantry rotation and reconstruction rates of up to 20 images per second (ips)\*
- Spiral Auto Start, which allows you to initiate scans and monitor contrast injections without having to leave the patient
- A dedicated CT user environment developed especially for multislice CT
- Comprehensive support for you in every season of ownership



\* (optional)





The appeal of Brilliance CT is that it's powered not only by more intelligent technologies inside, but also by creative advances in how people can interact from the outside. Both are critical for tapping the potential of multislice imaging to enable better patient care.





# Brilliance across a range of procedures

The Brilliance 16-slice system offers flexible slice acquisition modes for more channels and better coverage to allow faster acquisitions and shorter breath-hold times. Faster rotation times mean less susceptibility to motion artifacts. Patented ASIC Tach chip technology provides virtually noise-free signal conversion for better image quality. Philips DoseRight, with both prospective and dynamic exposure controls, helps users minimize dose without compromising image quality.



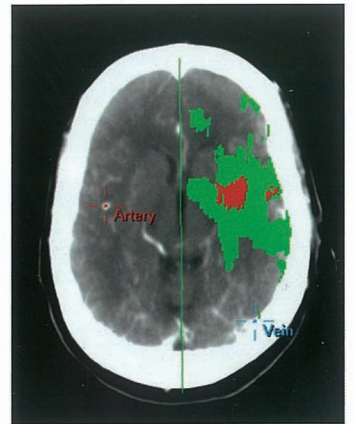
Isotropic detail and impressive image quality. Volume-rendered image with surgical repair of multiple facial fractures.



Axial image from a pediatric trauma evaluation showing pleural effusion and a paraspinal hematoma.



Isotropic imaging produces outstanding image detail, as demonstrated by this scan of an infant with mycotic aneurysm of the distal abdominal aorta.



Brain perfusion map showing areas of infarct and penumbra.

Brilliance CT systems give you the clinical advantages you need to attract referrals and the productivity advantages you need to keep them.



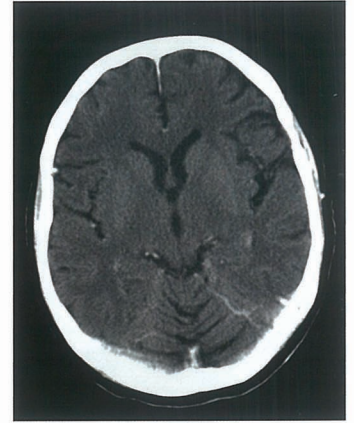
Extensive coverage for large vascular territories.



Multi organ trauma assessment in a single scan.



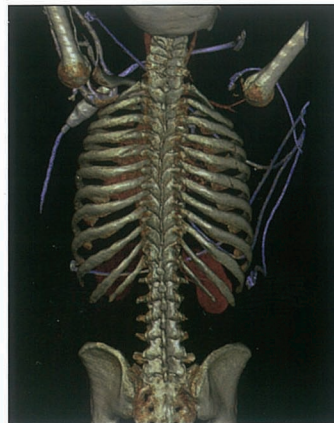
Low-dose virtual colonoscopy with polyps shown in multiple viewing formats.



Excellent low-contrast resolution.



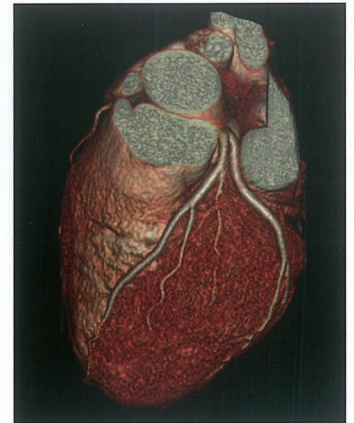
Multiplanar reformation of a patent stent within the right coronary artery.



Low-dose without compromise to image quality, as demonstrated by this pediatric trauma evaluation.



Ultra High resolution temporal bone image with 1024 matrix to visualize the finest details.



Volume-rendered cardiovascular image.



# Constant Brilliance

## Brilliance everywhere you go

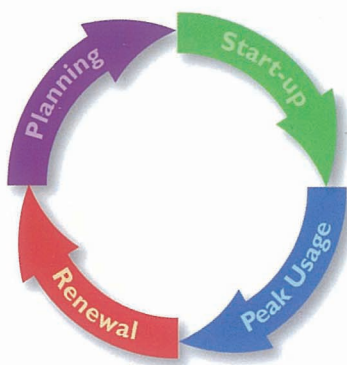
Brilliance is a flexible, scalable CT work environment for planning, scanning, visualization, and archiving. Philips addresses the primary challenge facing multislice users today: how to manage the large datasets generated by large-volume acquisitions while speeding the time to diagnosis. Our comprehensive suite of advanced applications is designed to save you time and increase diagnostic confidence.

- A range of world-class clinical applications are available at the scanner console.
- Our Brilliance Workspace delivers advanced clinical applications to a dedicated PC.
- Brilliance Everywhere, our information management approach, uses innovative technology to turn any PC on your site's network into an advanced visualization workstation, enabling simplified collaboration with clinicians throughout the care cycle.



The Brilliance Workspace Portal makes it possible for you to efficiently work with very large data sets from a typical laptop or home computer, wherever you are.





## Brilliance in every season of ownership

We offer a range of services to support you throughout every season of ownership to help simplify your operations, get the most from your system from day one, and keep your focus where it counts: on better patient care.

### Planning

- Comprehensive up-front analysis to help you grow intelligently into the future.
- Guidance about the right CT products and services to best serve you and your patients, in a way that contributes positive results to your bottom line.

### Start-up

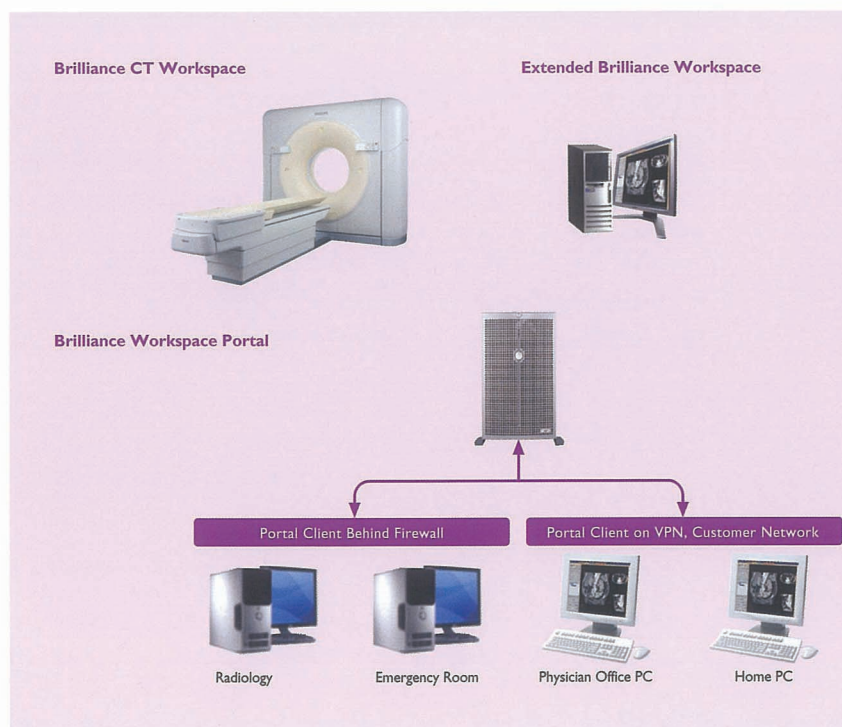
- Expert installation and training services to minimize the disruptive gap often associated with getting new technologies up and running.

### Peak usage

- High-quality service, clinical support, technology migration, and collaboration resources to help you leverage innovations as they occur.
- CT NetForum global Internet meeting place where thousands of Philips CT users around the world meet to collaborate and share information and insights.
- The Philips Learning Center offers more than 300 self-directed learning activities, accredited for healthcare professionals, available anywhere, anytime from any Internet-enabled computer.

### Renewal

- Creative approaches to extend the life of your present system with affordable upgrade solutions or to facilitate a trade-in.



## The CT user environment

Brilliance is a flexible, scalable CT work environment for planning, scanning, visualization, and archiving. The Brilliance Workspace offers a range of clinical applications at the scanner console. The Extended Brilliance Workspace\* delivers advanced clinical applications to a dedicated PC. And finally, the Brilliance Workspace Portal\* makes it possible for users to work efficiently with extremely large data sets from a typical laptop or home computer, wherever they are.

\* Optional

For more information, go to: [www.philips.com/CT](http://www.philips.com/CT)

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