



High performance comes easily

Philips MX 16-slice CT

PHILIPS

Easy from any

The CT solution

Your days may not be getting any easier, but now your CT solution is. The remarkably easy-to-use Philips MX 16-slice CT scanner is a compact system designed to ensure high-quality imaging, patient after patient, time after time.

Easy to use

Sharing many of the legendary technologies you've come to expect from Philips Brilliance CT, the MX 16-slice brings simplified workflow in an easy-to-use clinical tool. After listening to you and your colleagues, we understand what is most important in a CT system to you and your patients.

High-performance, compact system

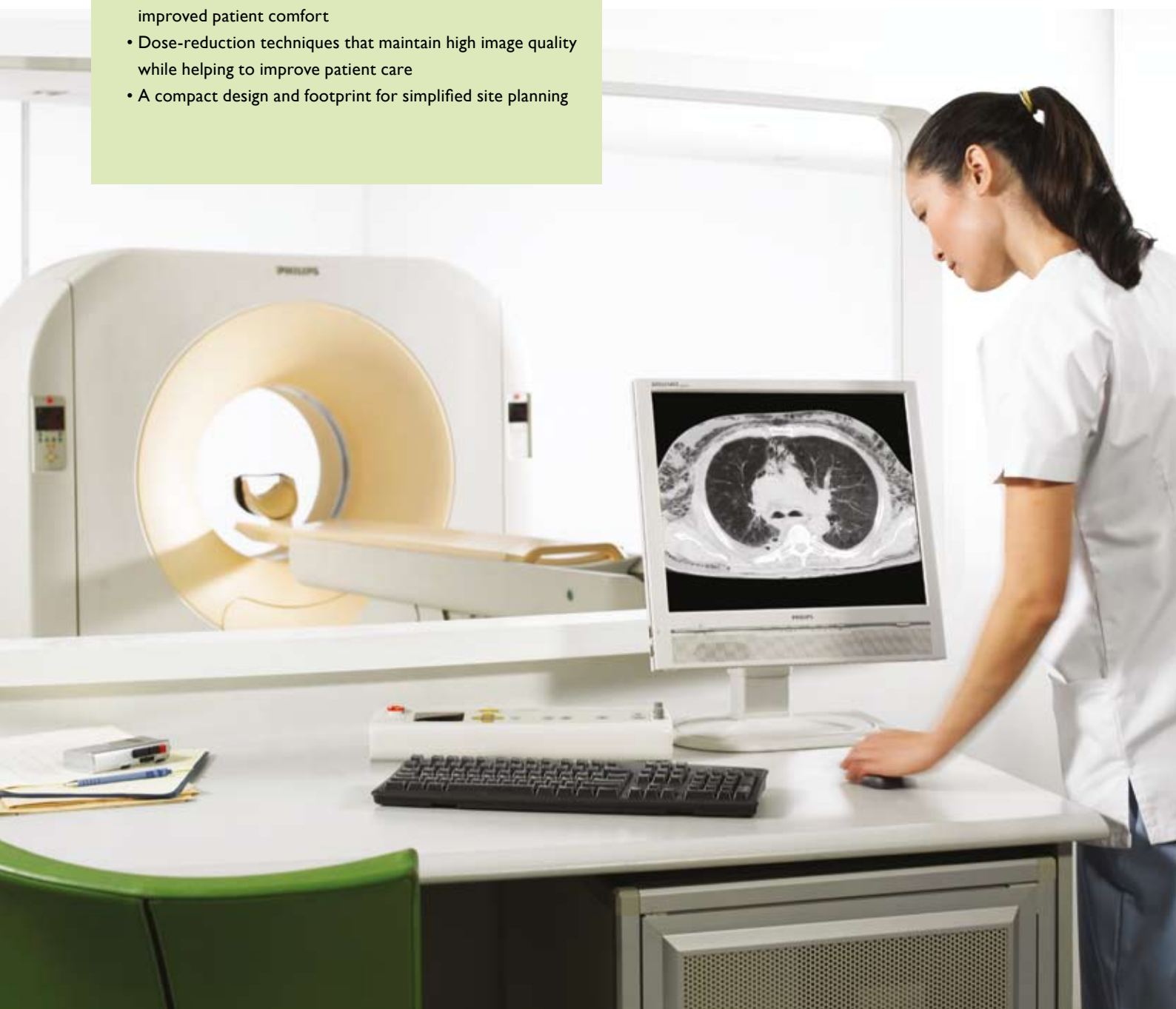
MX 16-slice CT combines a high-performance workstation and scanner into one convenient, powerful, and cost-effective multislice CT system, making it ideal for many institutions worldwide, including general radiology departments, community hospitals, diagnostic imaging centers, and specialty facilities.



perspective

With the MX 16-slice CT system, you have:

- Easy-to-use workflow for efficient operation
- The widest detector coverage in the 16-slice class for fast high-resolution scanning, shorter breath-hold times, and improved patient comfort
- Dose-reduction techniques that maintain high image quality while helping to improve patient care
- A compact design and footprint for simplified site planning



Workflow that flows

The CT user environment

Designed in collaboration with our customers, and built on the experience and expertise that we put into the Brilliance Workspace platform, the Workspace is flexible and provides a powerful set of CT applications that improve productivity by working the way you do.

Simple, efficient operation

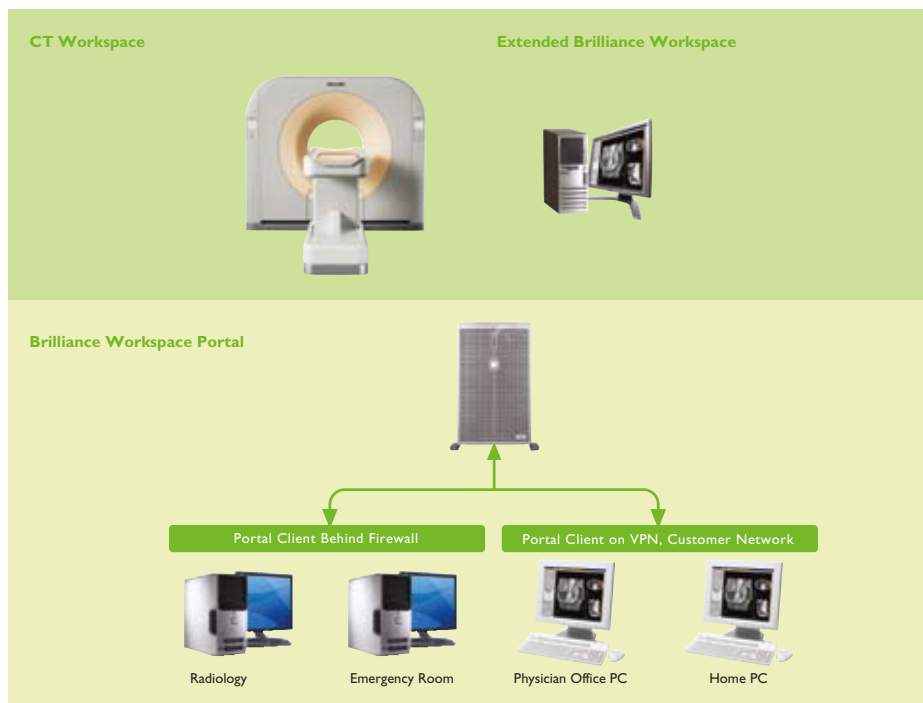
The Philips Logical Guided Flow concept increases productivity through ease-of-use design so that features and functions are visible, rather than hidden, and the most common operations are shown most prominently.



A top-level workflow bar directs the user along important tasks, providing a structured workflow that allows users to also move easily between functions without losing current work, providing users with the high efficiency and necessary flexibility for viewing, performing applications, filming, or reporting.

The MX 16-slice delivers:

- Easy-to-use, clinically tested preset protocols to optimize workflow, image quality, and patient dose
- Planning, scanning, visualization, and archiving with a simple graphical user interface harmonized across Philips Healthcare for improved productivity
- Standard visualization functions such as 2D, MPR, MIP, and Volume Rendering available for review or post-processing on the console
- Full compatibility with the Philips CT Brilliance Workspace, Extended Brilliance Workspace, and Brilliance Workspace Portal



Easily send studies from the MX 16-slice to an Extended Brilliance Workspace, Brilliance Workspace Portal, and/or to PACS.

Coverage without compromise

High-quality scanning

The Philips MX 16-slice offers one of the widest detector coverage in the 16-slice class and is designed for fast spiral or axial scanning and improved patient comfort.

Enhanced patient experience

The system design optimizes signal-to-noise ratio and clinical protocols to provide high-quality imaging at a low dose. The patient experience is also enhanced through system design that features a flared gantry aperture, low couch height, and higher weight capability to accommodate a range of patient sizes.

The MX 16-slice offers numerous clinical advantages:

- RapidView 6 delivers up to 6 images per second (512 x 512 reconstruction matrix)
- Flexible slice-acquisition modes enable faster acquisitions
- Subsecond 360° rotation time reduces susceptibility to motion artifacts
- Dynamic Focal Spot provides better spatial resolution for superb image quality



Optimize dose and image quality

Dose management

Philips DoseWise is a smarter approach to reducing dose while obtaining high-quality images. Its principles and practices focus on lowering radiation dose for patients and staff through optimizing system design and current (mA), as well as increasing dosage awareness to reduce the cumulative risk of radiation while obtaining high-quality images.

DoseWise offers a smarter approach to dose management

- DoseRight Automatic Current Selection optimizes the dose for each patient based on the planned scan
- DoseRight Dose Modulation automatically controls tube current to increase and decrease the signal as necessary to maintain constant image noise while minimizing dose
- Dedicated Pediatric Protocols were developed in collaboration with top children's hospitals to ensure clinical results with low dose



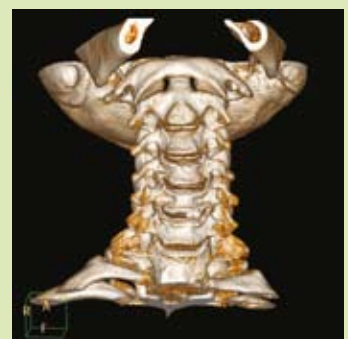
Aorta CTA



Chest



Brain axial



Cervical spine

Easy from the start

Site planning

The MX 16-slice system offers a compact design and footprint for simplified site planning and installation for a reliable experience from day one, and valuable ongoing customer services to help keep it that way.

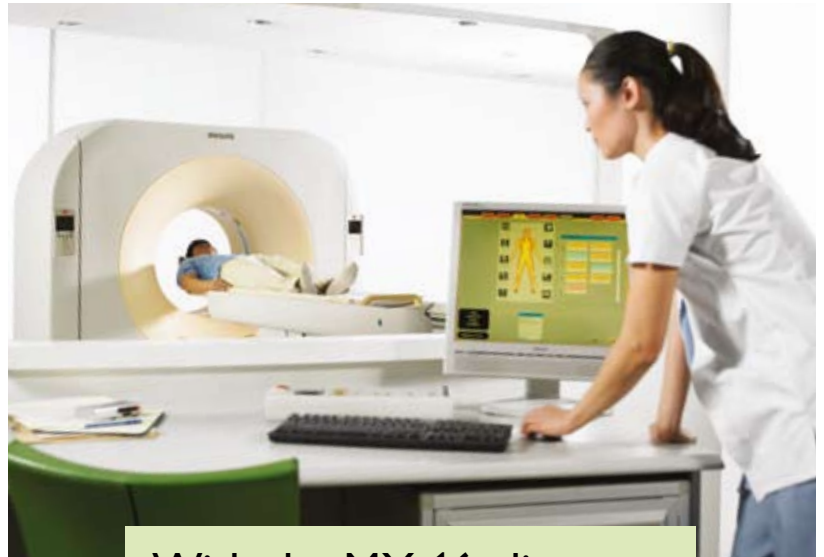
MX 16-slice CT site planning

With its compact design and footprint, the MX 16-slice system is designed for rooms as small as 18m², which is among the industry's smallest space requirement.

Service that performs for you

Daily dependability starts with system design, and continues on with the serviceability and usability that help you make the most of your system from day one.

Our site-planning team can assist with your specific needs, including virtual 3D site plans and turnkey solutions. We'll help you with competitively priced optional imaging, viewing, and power equipment, as well as electrical, mechanical, structural, environmental, and floor space specifications.



With the MX 16-slice, you have:

- Remote services that mean we're closer than ever, helping to pre-empt problems before they happen
- Programs such as look-over-the-shoulder applications assistance to optimize system use
- Distribution centers that are closer to customers to get you the parts you need more quickly
- Comprehensive user training throughout the life of your system to help you stay current

**Philips Healthcare is part of
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