

Next Generation CT Scanner



The Marshall Next Generation CT Scanner (NGCT) is delivered in partnership with Philips and provides military medical organisations with a full body scan capability, which is rapidly deployable and can handle the most demanding operational environments. Building on 12 years' experience providing Field Deployable CT Scanner Systems to armed forces around the world, the NGCT houses the latest and most advanced Philips Incisive CT technology inside Marshall's award winning 20 foot ISO expanding container, to ensure humanitarian, defence and security forces have easy access to life saving capabilities wherever they are needed.

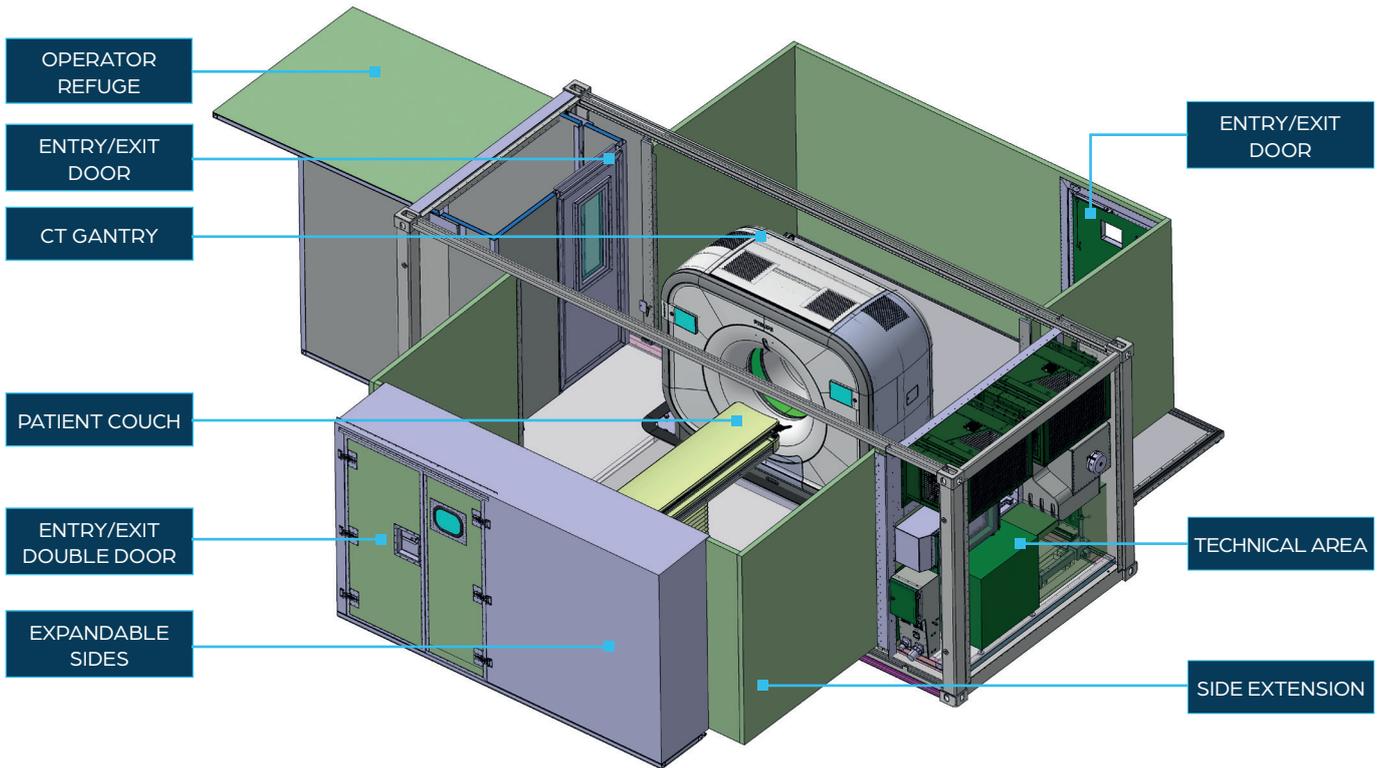


Product Overview

The NGCT is a brand new approach to delivering the latest and most sophisticated CT technology to the battlefield. Using over a decade of experience supporting a number of military organisations, we have refined the design of our award winning expandable container to meet the complex requirements of an ever-changing operational landscape.

Our improvements include

- Full body scan capability
- Reconfigured layout for better patient access
- Enhanced airflow management
- Anti-vibration technology
- Reduced setup and deployment times



The specifics

Using an innovative approach to radiological protection, we've made some significant design improvements to the NGCT:

Full body scanning is a major clinical requirement, which has traditionally been a challenge to deliver in a confined space such as a container. Using an innovative expansion method, our designers reconfigured the layout of the container to provide sufficient space for full body scanning in a single stroke, while simultaneously improving access between clinician and patient.

The logistical challenges faced by our customers requires retention of the original, expandable ISO container format in order to conform with standard military logistics systems.

Through design enhancements, we were able to meet strict size and weight demands without compromising the specific installation requirements set by Philips.

The Philips CT scanner is a valuable and sensitive piece of advanced technology. The rugged terrain and extreme climates in which the system is often deployed, demands that the expandable container offers both protection and durability.

Our bespoke anti-shock and vibration mounting system ensures that the precision equipment which is essential to the effective use of the CT scanner are secured and stabilised during transportation.

For a full set of capabilities please contact the Marshall Land Systems Sale team or take a look at our website.

