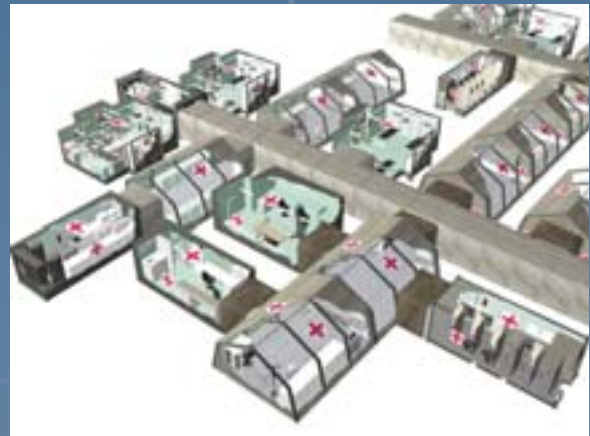




G3systems

Mobile Medical Systems

- Provision and delivery worldwide of complete field hospital capabilities including:-
 - Role 2 Tented Field Hospital
 - Role 3 Mobile Field Hospital (Containerised)
 - Role 3 Re Locatable Hospital (Prefabricated buildings or buildings of opportunity)
- Systems meet international hospital standards
- Reception/triage
- Diagnostic facilities
 - Mobile X Ray
 - CT Scanner
 - Ultrasound
- Intensive Care (Pre op/Post Op)
- CSSD
- Operating Theatre design and installation
- Wards including IDAU
- Hospital management & maintenance
- Pathology
- Utilities (Power/water/medical gasses/waste handling)
- Morgue
- Primary care facilities
 - GP
 - Dental Facilities
 - Rehabilitation
 - Pharmacy
 - Ophthalmic (Refractive Surgery, vitrectomy & phacoemulsification)





Specification

Mobile Medical Facilities

G3 Systems Mobile Medical Systems are high specification, robust medical facilities that are fully capable of deployment in extreme climates in the most remote parts of the world. Designed to meet the highest expectations of medical care, the facilities contain bacteriological and chemical filtration systems ensuring that they are suited to hazardous environments.

Under the most arduous conditions, the systems combine ease of transport and deployment with simple installation, operation and conformity to UK National Health Service hospital standards. G3 systems work with such companies as Philips to provide the same high quality equipment used in UK hospitals.

The customer has the ability to build a system which suits specific requirements for the Military, United Nations and other humanitarian operations and civilian use.

The Modules

Standard field hospitals can be made up of any number of modules which can comprise of such facilities as surgical, radiography, resuscitation, intensive therapy, general wards, laboratories, dental and utilities.

Typical sample hospital using four modules:

1. **Surgical and Radiography:** A fully independent surgical operating theatre complete with radiology and high specification air conditioning, providing complete surgical treatment to all casualties.
2. **Resuscitation and Intensive Therapy:** Provides cardiovascular, respiratory resuscitation and metabolic, renal support for up to four patients. It also contains medical gas interfaces, equipment and consumable stowage. This unit is designed to prepare casualties for medical operations and doubles as an intensive care unit for close observation of post surgery trauma.
3. **Interconnection Module:** Complete with all necessary facilities to connect to the surgical and resuscitation modules. The weatherproof connective corridor maintains the environmental integrity of the system and provides an entrance into the facility, together with general consumable stowage and scrub up facilities. In its basic configuration it provides a clean environment for triage and, depending on severity and quantity of casualties, can be used as a preparation area for surgery. It also acts as the host for system expansion.
4. **Utilities Module:** This module incorporates all services to the surgical and resuscitation modules. Services include electrical power generation housed within a purpose built and enclosed noise insulating canopy, umbilical connectivity for the air conditioning system installed in the main units and a fully integrated medical gas system providing independent oxygen and other medical air including anaesthetic gases and vacuum facilities. The services system provides autonomy for a minimum of twenty four hours usage before replenishment is required.

G3 Systems can also supply virtually any medical equipment that can be found in a standard city hospital and install such apparatus as CT Scanners, X-Ray equipment and Diagnostics.

- Medical Facility Options
- Surgical (1 or 2 operating tables)
- Radiology
- Recovery & Anaesthetic
- Intensive Care (ICU)
- X-Ray
- CT Scanner
- Blood Bank
- Laboratory
- Pharmacy
- Sterilisation
- Dental
- Air Conditioning
- Support Unit Options
- Patient Wards (tented or hard walled)
- Kitchen
- Shower
- Ablutions
- Laundry
- Maintenance/Repair Facility
- Communications
- Dining/Recreation
- Water Treatment/Storage
- Fuel Storage
- Power Generation

G3 Systems Limited

Heydon Lodge, Newmarket Road
Nr Royston, Hertfordshire, SG8 7PN
Tel +44 (0)1763 268200 Fax +44 (0)1763 268210
E mail sales@g3-systems.co.uk www.g3-systems.co.uk