

The HT Group is one of the largest project planning and manufacturing companies in the world for modular room systems and individual components in the hospital, system and laboratory construction sector. As their partner in Australia and New Zealand, HPA provides one-stop innovative products and solutions in the sectors of Healthcare, Research Laboratory, Software and Medical Engineering Planning.

Health

Offering complex solutions in all highly equipped areas of the surgery department, such as operating rooms, hybrid ORs, recovery and intensive care areas, emergency rooms and diagnosis areas, sterilisation and GMP laboratories.

Solutions

- Hybrid Surgical rooms
- Sterilisation Departments
- Hospital GMP Labs
- Door Systems
- Intensive Care Units and Isolation Wards
- Emergency and Diagnostic spaces
- HEPA filter air supply system
- Digital Surgical and Operating Room Controls



Care

Complete modular room systems in glass and metal for individual patient rooms ranging from intensive care and isolation areas to the nursing ward, as well as integrated special solutions for patient bathrooms and patient transport systems, and single components for door and ceiling systems to support patient recovery.

Solutions

- Patient bathrooms
- Isolation wards
- Door systems
- Intermediate care areas
- Healing light systems
- Air filter technology
- Patient rooms with patient transport



Research

HT configures complete high-security laboratories with BSL-3 and BSL-4 safety levels, as well as GMP laboratories, isolation wards for highly infectious diseases and animal facilities for research.

Solutions

- Fast track research building
- Filter and ventilation equipment
- Floor systems
- Installations and media supply



Building Solutions

Modular construction methods allow cost reduction at every stage of the manufacturing process thanks to standardised prefabrication under strict quality control:

- Savings on materials in the procurement phase
- More targeted use and utilisation of labour in the prefabrication phase
- More efficient installation thanks to the standardisation of components
- Clearly defined interfaces on the construction site

Shortened Construction Time

Because prefabrication of modular buildings and foundation work can be carried out simultaneously on the construction site and installation is much faster than with conventional construction methods, projects can be completed 50 to 60% faster. In addition, because a significant portion of the work is performed in the factory, the risk of weather-related delays is reduced.



Environmental compatibility and sustainability

Modular construction is a safe and environmentally friendly alternative to traditional construction methods. We manufacture our modules in an enclosed factory building. Materials used in the production of modules, such as wood, concrete, metal and glass, are natural or recyclable and can be returned to the raw material cycle.

By shifting much of the construction activity to prefabrication at the factory, construction waste is avoided and disruption from noise and air pollution is significantly reduced at the construction site.

