

Mitigate risk and ensure compliance in your healthcare facility

Discover our Healthcare Facility Solutions



GROSVENOR]
engineering group

Healthy Assets

It is essential that medical facilities are safe, more comfortable while operating efficiently.

The comfort of patients and medical staff is paramount in hospitals and clinics, and the reliable operation of cooling equipment supporting critical MRI and other medical equipment cannot be compromised.

Proactive asset management and maintenance of HVAC, Fire and Electrical assets is vital to ensuring the lowest total cost of ownership. Grosvenor Engineering Group's (GEG) asset management system collects asset data and provides the tools to manage total asset lifecycle and repair costs on these critical infrastructure sites,

reducing risk and mitigating the chances of unforeseen reactive breakdowns and occupant discomfort.

Challenges within Healthcare facilities:

- Baseline data: Capture of maintenance assets
- Asset management: transparency across the portfolio
- Capital Expenditure planning: proactive management and reporting on cost efficiencies

At GEG, we have over 25 years' experience providing end-to-end solutions across Australia and New Zealand to many healthcare facilities.

GEG has developed an integrated service delivery model that achieves tangible outcomes for healthcare facilities. We offer an integrated solution on operational equipment including - HVAC, Fire and Electrical assets.

In addition to our core technical services, we offer a range of advisory services in asset validation and condition auditing, sustainability and HVAC engineering design for healthcare facilities.



HVAC



FIRE



ELECTRICAL



ADVISORY



PROPTech

A Comfortable Stay

It's important for patients undergoing stressful medical conditions, or those recovering from surgery and other procedures to have a comfortable stay. Medical staff also need optimum conditions to be productive and work in a safe environment.



Comfort of all occupants

Ensure consistent and comfortable temperatures for patients and staff. Regular maintenance of HVAC systems spots potential issues that help to prevent breakdowns.

The right lighting

The lighting of any property can hugely influence personal well-being and health, motivation and performance. LED lighting improves the overall energy efficiency for your facility. We can fit-out, refurbish & upgrade lighting systems; replace & clean lamps; and upgrade to LED lighting.

Safety is a Priority

We offer a range of solutions for your facility through our HVAC, Fire and Electrical services, to protect people and your facility.



Protect people and property

By assessing your building in terms of occupancy, operation and fire risk, we design, install and commission reliable, cost-effective end-to-end automatic sprinkler systems to protect building occupants and property.



Be prepared for a fire

We conduct a fire safety risk assessment for your site and design, install, test and service the most suitable fire extinguishers, fire detection and alarm systems to meet relevant legislation, workplace health and safety requirements and ANZ Standards compliance.



Be ready for an emergency

When it comes to emergencies and the need for occupants to evacuate a building safely, we can provide a comprehensive site risk assessment and recommend the correct placement for exit and emergency lighting.



Light the way

The ability for medical staff to reliably detect the onset of cyanosis by visual observation may be critical to a patient's wellbeing. In order to correctly detect cyanosis, the lighting in all clinical observation areas must meet standards and be of the highest quality. We can help with the installation of the right lighting in your medical facility to meet with ANZ Standards.



Ideal pathology conditions

Laboratory temperature and humidity are two key factors in creating ideal lab conditions. If the humidity is too high or too low, it could affect the accuracy of sensitive tests. Temperature also plays a part in ensuring samples aren't contaminated.



Optimal air quality

Build-up of mould, bacteria and grime on HVAC components has a major impact on indoor environment quality. We can provide cleaning and remediation of heat exchanger coils, surfaces, ductwork, filters and cool rooms to comply with ANZ Standards.



Air Monitoring

We can incorporate systems for monitoring airborne particulate, CO2, Volatile Organic Compounds (VOCs), temperature, humidity, light and noise.



Adequate ventilation quality

It's important that enclosed or underground car parks have adequate ventilation to prevent toxic gas build up. We can design car park ventilation systems to comply with industry standards.

Business As Usual

Hospitals and other medical facilities are in a unique position when it comes to disaster recovery and downtime readiness. This isn't just a matter of lost profits, damage to your reputation, or inconvenience for medical staff. The health and wellness of people are at stake.

As a result, every kind of medical services provider has an obligation to go above and beyond to mitigate the risk of downtime and prepare for possible disasters.

Power supply reliability

Power supply reliability is crucial. Even a brief power failure can jeopardise successful diagnostics and treatment and therefore the health of patients. We can help you with your commercial switchboard and metering requirements, and also Uninterruptible Power Supply (UPS) and battery service & maintenance.

Managing Risk Associated With Critical MRI Modality Assets

The reliable operation of chiller assets is directly linked to the operation and protection of over half a billion dollars' worth of critical MRI 'Modality' assets across much of our medical portfolios. We currently maintain critical chiller assets directly responsible for the safe operation of 'Modality' MRI assets, across multiple hospitals, clinics, medical centres, MRI, pathology, dental and diagnostic imaging sites, throughout Australia and New Zealand.

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