

**Ensure the safety and comfort of  
building occupants, while lowering  
energy and operational costs**

Discover our  
Office Solutions



**GROSVENOR ]**  
**engineering group**

# Integrated Solutions That Provide Outcomes

Building owners and managers face critical issues when managing properties – ensuring that people are safe and comfortable while focusing on maximising building performance. Both tenants and occupants spend a large portion of their days in the office, so it is crucial that their working environment is pleasant, boosting productivity, health and well-being.

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, reducing risk and mitigating the chances of costly unforeseen reactive breakdowns, which can lead to occupant discomfort or pose a safety risk to people and property.

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

GEG has developed an integrated service delivery model that achieves tangible outcomes for commercial buildings. 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 commercial buildings.



HVAC



FIRE



ELECTRICAL



ADVISORY



PROPTECH

## Optimise Your Operations

Commercial buildings operate on the provision of tenant occupancy – the more occupants, the higher the bank evaluation. Keeping operational costs down is an important factor, without compromising on safety and quality. Ensuring reduction in wastage such as energy and water, not only leads to lower energy costs but lower operational and building running expenses.

### Improve performance of operational assets

We can provide a Building Management System (BMS) to improve visibility over the performance of a properties assets, delivering comfort and energy efficiency. This includes: energy usage analysis; lighting control, and HVAC wiring and controls.

### Achieve a NABERS Rating

Commercial buildings are responsible for approximately 10% of Australia's greenhouse gas emissions (Department of Industry, Energy and

Resources). Through a NABERS assessment, our in-house team of Sustainability Engineers can help commercial building owners and managers to measure a buildings environmental performance. Optimal building operations lead to reduced operating costs, emissions, waste to landfill and water wastage.

### LED-ing Solutions

Our electrical team is able to replace and clean lamps, and refurbish and upgrade to LED lighting systems, which improves the overall energy efficiency for office buildings.

## Safety is a Priority

At GEG, we offer a range of essential services for commercial buildings which comply with Australian Standards through our HVAC, Fire and Electrical qualified teams, to keep people safe, and protect assets and property.



### 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.



### Don't get shocked

Our technicians can confirm the electrical safety of portable electrical appliances such as laptops, mobile chargers, kitchen appliances etc., using a sophisticated PAT and thermal printer to test and tag your electrical appliances and print tags on site.



### Be compliant

GEG conducts fire safety risk assessments and design suitable equipment for commercial properties. In addition, we install, test and service fire extinguishers, fire detection and alarm systems to meet relevant legislation, workplace health and safety requirements and ANZ Standards.



### Optimal air quality

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



### Be ready for an emergency

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



### Adequate ventilation quality

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



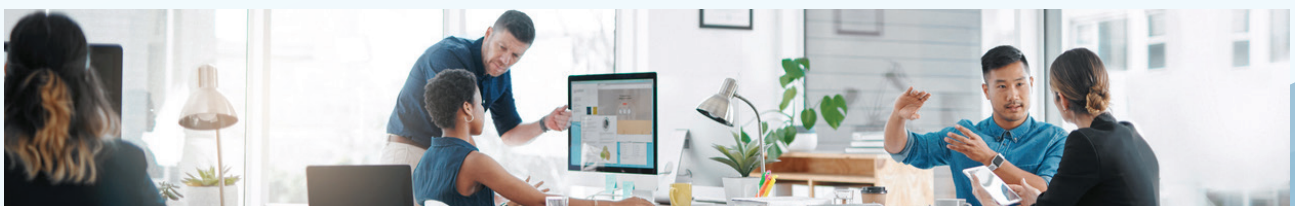
### Light the way

We provide lighting assessments to ensure correct lighting in back-of-house areas where there is minimal traffic and ensure carparks and other areas are well lit, ensuring the safety of employees and visitors to your building.



### Air Monitoring

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



## An inspiring place to work

For any occupants of a commercial building, whether its employees or visitors, feeling energised and comfortable is important for productivity and general well-being. Optimum working conditions can positively impact the feelings, behaviour and performance of employees and building occupants.

### Comfort for all

Regular maintenance of HVAC systems to troubleshoot potential issues helps to prevent breakdowns, which is even more critical during those hot summer months. Proactive regular maintenance ensures consistent and comfortable temperatures for building occupants and visitors.

### Enhanced performance

Lighting can make a space desirable by enhancing the visual environment. Our Electrical team can recommend and design lighting systems to keep the office bright and visually comfortable. The lighting of any property can hugely influence personal well-being and health of employees.





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