



COMPANY OVERVIEW

GPA is a national engineering design consultancy that thrives on complex projects requiring innovative solutions underpinned by our experience and research capabilities.

We are consultants, designers, integrators and sustainment partners.

GPA's head office is in Adelaide with 200 staff and have a national network of offices with a total of 270 staff, mostly professional engineers.

Our creative thinking and extensive engineering capabilities combined with solid processes and management skills, ensure our projects are completed efficiently and beyond expectation.

 Automation & Control	 Civil and Structural	 Compliance	 Electrical
 Instrumentation	 Mechanical	 Process/Chemical	 Risk and Safety

CAPABILITY

- Automation and control systems integration
- Compliance to regulations and standards
- Design verification and validation
- Hazardous Area; HA, EHA, REA
- Rotating equipment; generators and motors
- Detailed design/arrangement and 3D CAD
- Power systems modelling, analysis, design
- Balance of plant for major equipment
- Simulation and modelling
- FEA and stress analysis
- Lifting systems design and plans
- Inspection and certification
- System integrity and functional safety
- Auditing and risk assessment

Stability	33 years in operation		>96% staff retention
Sovereign Capability		100%	Australian owned & operated
Defence	15 years	Supporting Defence	
Diversified Expertise	A wealth of knowledge from multiple industries with transferable capabilities		

SPECIALISATIONS

- Power and Control Systems
- Fuel and Gas; Storage, Piping & Pumping, Hydrogen
- Mechanical and Structural Finite Element Analysis
- Lifting Systems
- Certification to International Standards
- 3D CAD
- Risk and Safety Engineering



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