

# C o m p a n y P r o f i l e

Systems Insight is an Australian company specialising in the engineering and manufacture of control systems for commercial and industrial emergency power generation and co-generation applications.

Our systems include intelligent control that continuously monitors building load, predicting applied load levels for

measured, accurate control of loading to emergency generator supply. Our office and factory are located in the south eastern suburbs of Melbourne.

Our technical and engineering staff have worked within our industry over many years, each joining the Systems Insight team to contribute their individual skills and abilities.

## Our Products

Our manufactured control systems reflect the latest in available technology and are designed with simplicity of operation and robust, low maintenance manufacture in mind.

Our control systems engineering considers the total system, specialising in areas such as:

- Co-generation / Tri-generation
- Standby power (Single and multiple gen. sets)
- Prime power (Power station)
- Peak shaving
- Intelligent building load management
- No-break transfer from generator to mains

Our main product lines include sophisticated electrical control panels, specially designed for use in two main areas of commercial power management:

- Management of emergency power generator operations and multiple set paralleling
- Management of emergency power reticulation in commercial buildings

In addition, we offer custom design and manufacture of control systems for co-generation heat recovery applications and other variants, where generators are required to be paralleled with local mains utility power.

Systems Insight is an authorized 'systems integrator' for Woodward Governor Company and has wide ranging experience and established expertise in the use and application of Woodward power generation control equipment.

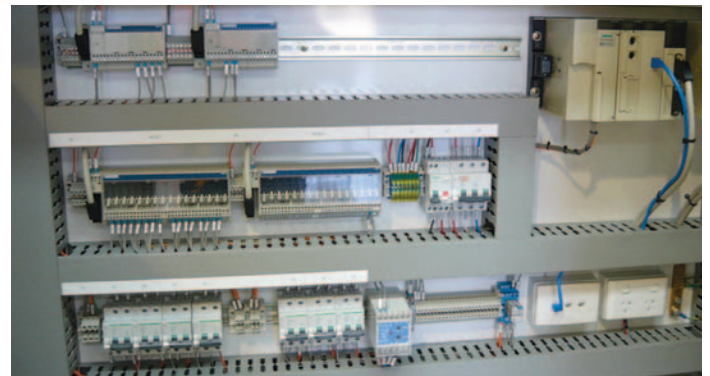
### Features of our control systems

- High tech. industrial PLC and PC based computer control platforms
- Use of the latest proprietary, multifunction digital control units
- Highly detailed design engineering, tailored to each individual project
- Adaptable interfacing with all major generator manufacturers
- Robust, long life, low maintenance operation
- Availability of ongoing support and maintenance for all systems

### Standard Product Range

Systems Insight offers its services both Australia wide and internationally. Our business is equipped to handle medium to large size control and automation projects but is also well suited to handle smaller installations.

Our range of standard generator control systems is intended to provide our customers with pre-engineered solutions for many common generator control and emergency power management applications. These systems incorporate many features we have previously employed as part of tried and proven designs. We have also embraced new technologies which have been successfully employed throughout our industry.



### Special Features and Options

Systems Insight offers flexibility in the range of product features and options which can be provided. We are open to suggestions and requests from our customers to alter our designs to meet their specific project requirements.

We offer monitoring solutions for situations where our control systems are installed outside of our Melbourne base, by such means as remote monitoring and alarming via SMS, email and internet communications. We also offer comprehensive training and operation manuals with all systems.

As part of our normal service, we provide co-ordination for interfacing of our systems with other contractors and service providers, such as elevator services, lighting systems, building management and fire services.

Our systems are comprehensively tested and commissioned to comply with all conceivable operating scenarios. Our customers can have confidence in the high reliability and quality engineering of their critical power management systems.

## Our People

Our company employs highly qualified technical staff who each contribute their individual experience and expertise to form a team with the ability to successfully meet even the most challenging and complex control system specifications. Our combined experience extends through all facets of our industry,



including mechanical, electrical and computer technologies.

Systems Insight places a strong emphasis on providing its customers with high levels of service and product quality. We are proud of the continuing relationships we invariably maintain with many of our customers in the years following project completion.

Systems Insight's staff have contributed their services on many high profile emergency power installations, including:

- Crown Casino, Melbourne CBD, VIC
- Melbourne Airport Terminal Services, Tullamarine, VIC
- RAAF Base, Townsville, QLD
- Shenyang Telephone Exchange, Shenyang, China
- 101 Collins St, Melbourne CBD, VIC
- Tabcorp, South Melbourne, VIC
- French Antarctic Base, Antarctica
- West Bangkok Water Treatment Plant, Bangkok, Thailand
- Macquarie Corporate Telecommunications, Pit St, Sydney, NSW
- SingTel Optus Exchange, Mascot, Sydney, NSW
- SingTel Optus Exchange, Sunshine, VIC
- SingTel Optus Technical Facility, Pyrmont, Sydney, NSW
- SingTel Optus Technical Facility, Hume, Canberra, ACT
- Melbourne Central Building, Melbourne CBD, VIC
- Alcoa, Anglesea Power Station, VIC
- Network 10 Television, South Yarra, VIC
- GTV-9 television, Richmond and Docklands, VIC
- Victorian Racing Club, Flemington Racecourse, Melbourne, VIC
- Victorian County Court, Melbourne, VIC
- Coles Group Headquarters, Tooronga, VIC
- Monash University, Clayton, VIC
- Ballarat Base Hospital, Ballarat, VIC
- Austin & Repatriation Hospital, Heidelberg, VIC
- Grace Mackellar Hospital, Geelong, VIC
- Deakin University Woolstores Campus, Geelong, VIC

control packages, to ensure many years of trouble free operation. We are also happy to accommodate enhancements and expansions to existing control systems, according to changes that invariably occur with site conditions and evolutions in technology.

### Training & Support

We offer comprehensive staff training and technical support for all installed systems. Our maintenance manuals include detailed descriptions of system operation, component lists and easy to follow wiring diagrams.

### Plant Commissioning

We offer our experience as commissioning engineers, to plan, implement and document commissioning procedures for plant start-up and testing. Our generator systems knowledge and experience qualifies us to perform commissioning on the complete package of power generation plant and control equipment.

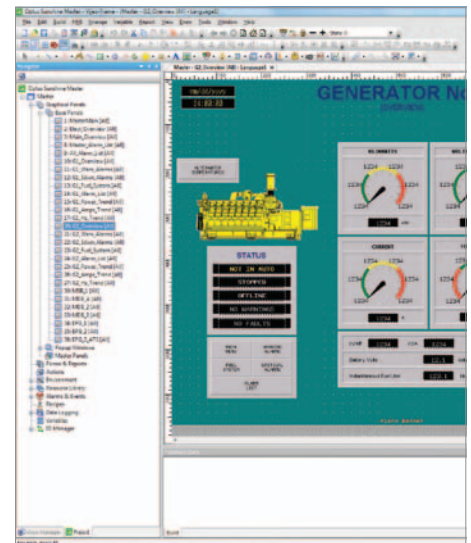


### Scheduled Contract Maintenance

Systems Insight is equipped to prepare and manage a scheduled maintenance program for its customers' power generation plant and control systems. By contracting Systems Insight to manage generator system maintenance, organizations delegate the care of their power generation plant to us, leaving their own staff free from the hassles of co-ordinating and managing servicing needs.

Our maintenance contracts stipulate all maintenance and repair work be done according to manufacturer's specifications

## Our Objective



Our objective is to provide the very best in design, product and service quality, based on the needs of the customer, to achieve complete customer satisfaction.

Systems Insight is an independent company and is not aligned and does not compete with any specific power generation manufacturers or distributors. This independence enables us to have good professional working relationships with all the major generator distributors, without prejudice.

Systems Insight enjoys a close association with many of its customers long after project completion. Our offer of reliable, ongoing service and support is extended to all of our clients.

## Contact Us

Systems Insight is available to discuss your specific project requirements.

We welcome your telephone enquiry and invite you to visit us at our Melbourne office.

For further information, please contact us.

15 Eastlink Drive,  
Hallam, Victoria, 3803.  
P +61 3 9796 4002  
F +61 3 9796 4003  
E [mail@systemsinsight.com.au](mailto:mail@systemsinsight.com.au)

## Our Service

### Maintenance & Upgrades

Systems Insight offers ongoing professional service, with the option of programmed maintenance plans for our

[www.systemsinsight.com.au](http://www.systemsinsight.com.au)



**Specialising in**

- Control system design and engineering
- Manufacture and installation of turn-key systems
- PLC and HMI software engineering
- Integration of control systems
- Modifications and customising to existing systems
- System maintenance for diesel and gas generators

**ABN** 64 074 284 343

15 Eastlink Drive, Hallam, VIC, 3803

**P** +61 3 9796 4002

**F** +61 3 9796 4003

**E** [mail@systemsinsight.com.au](mailto:mail@systemsinsight.com.au)

[www.systemsinsight.com.au](http://www.systemsinsight.com.au)