

Company Profile



Bunbury Industrial Controls (BIC) is a proudly West Australian owned and operated company that has successfully provided a range of electrical control and instrumentation products and services throughout Australia since 1988.

We began operating as a specialist instrument and electrical contracting business, servicing major heavy industrial and mining companies in the SouthWest region of Western Australia. We have grown our customer base to service the majority of industries in our region, in other states of Australia, and in more recent time's off-shore (rigs and facilities) and international clients.

A sales division was introduced eighteen years ago, and an active sales team is employed to maintain the rapid increase in market share that we have experienced and to ensure that our product range continues to meet the needs and expectations of our customers.

BIC is an Authorised Value Provider for **ABB**, a Systems Integrator for **Allen Bradley (Rockwell Automation)**, Channel Partner for **Honeywell IMC**, a **Citect Silver Partner** & Authorised Distributor for **Thermo Fisher Scientific**.

OUR CLIENTS RELY ON US FOR:

- The supply & installation of PLC systems hardware, including Safety Controls.
- Switchboard, Control Panel, PFC Panel Design, Manufacture, Supply & Installation.
- Supply of a complete range of automation equipment.
- PLC and HMI software design and support using various PLC/HMI products.
- Supply and support for variable speed drive and soft starter applications.
- Industrial controls product application engineering, supply and support.
- Instrumentation application engineering, supply and support.
- Installation, commissioning maintenance services for electrical and instrumentation work.
- Instrumentation and Electrical CAD services.
- Complete range of field and analytical instrumentation (including Overhauls & Repairs)
- Fibre Optic Cable Supply, Installation, Testing and Terminating.
- Thermographic Surveys and Reporting
- Complete Process CCTV Solutions
- Power & Power Quality Monitoring service.
- Instrument Calibration (Workshop Based).
- RFID Tracking Solutions.

REFEREES:

Harvey Beef	Gabriel Maritz	Maintenance Manager	08 9729 0068
WAPRES	Wayne Hammond	HR/IT Manager	08 9791 0700
Hansol PI Pty Ltd.	Greg Solman	Production Manager	08 9721 5963
South32 WAPL	Brian Brotton	I/E Facilitator Powerhouse	08 9734 8111
South32 WAPL	Russell Shepherd	Elect Maint Supervisor	0427 423 610
Newmont Asia Pacific	Cameron Akers	Process Control Superintendent	08 9423 6476
The Laminex Group	Lee Fatchett	Technical Officer	08 9780 1300

OUR CLIENT BASE INCLUDES:

Abattoir Automation and Meat Processing	Food & Beverage Processing
Dairy Processing	Power Generation (for remote communities)
Mineral Sands	Timber Drying and Processing
Chemical Processing and Refining	Silicon Smelting
Diamond Mining	Coal Mining
Tin Mining	Timber Manufacturing
Gold Mining	Aluminium Mining and Refining
Petro-chemical	Water Supply and Treatment
Shipping and Storage facilities	Government Service Industries
Marine Engines & Generator Controls	Off-shore Oil Rigs
Rotary Kilns	Air Conditioning Controls

In addition to our strong relationships with ABB, Rockwell Honeywell and Citect, we are authorised distributors for Brady Australia (Safety Products and Facility Identification) and Vega Australia (Level Measurement Solutions); as well as having OEM status with NHP Electrical Engineering and provide the following products.

- Electrical control products and systems.
- Quality instrumentation for control, monitoring & display of level, pressure, flow, temperature, proximity detection.
- Instrument gauges and displays.
- Enclosures and other electrical installation materials.
- RF Telemetry Solutions.
- POE CCTV Solutions.
- Safety Switches, Trapped Key Interlocking, Safety Devices.
- Much, much more

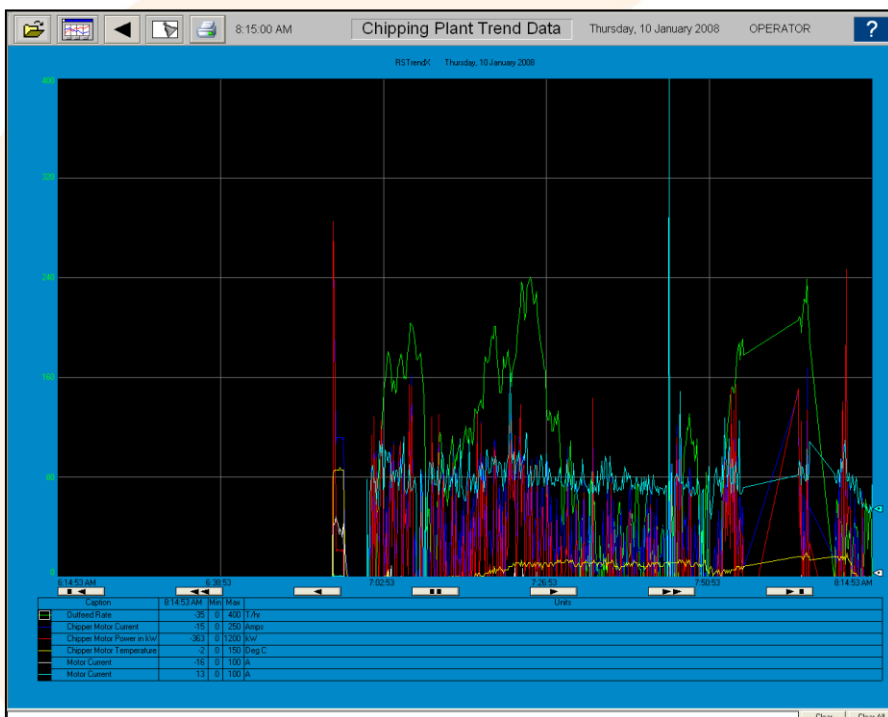
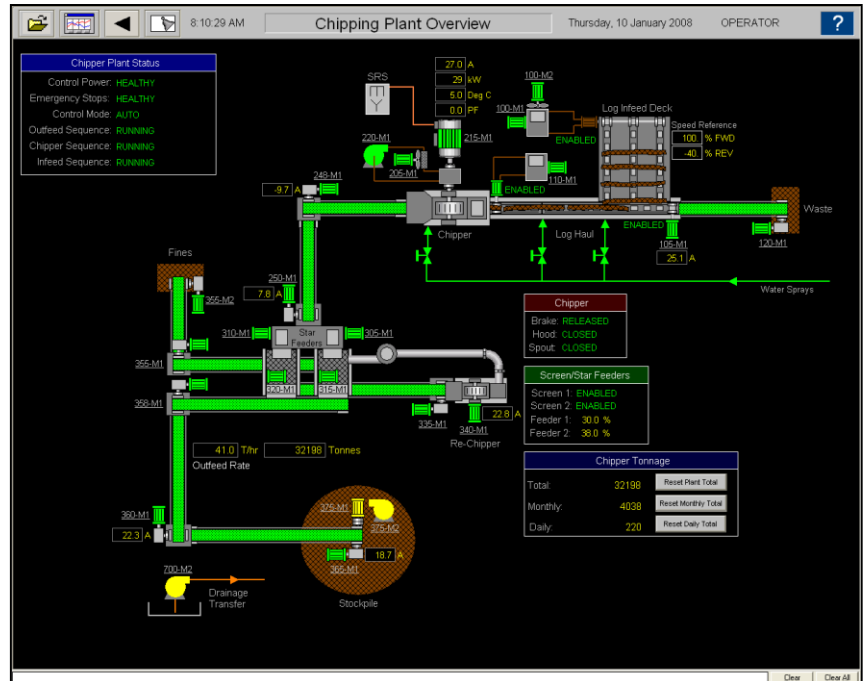
KEY PERSONNEL:

Mike Hogan	Managing Director.
Andrew Godber	Sales Manager, responsible for sales, application engineering, and CAD drafting services.
Shane Rabjones	Projects Manager, responsible for project coordination, implementation, construction, installation and maintenance activities.
Helen Nielsen	Admin Manager, responsible for accounts payable & receivable.
Steve Sawyer	Sales Engineer
Lloyd Wright	Senior I/E Technician, PLC / SCADA Programmer
Murray Grobler	PLC / SCADA / Information Systems Engineer
Shane Whittome	I/E Technician, PLC / SCADA Programmer
Leanne Kirkpatrick/ Alicia Hitchcock	Sales Administration
Karen McKay	Despatch, Accounts Payable

BIC ENGINEERING OVERVIEW:

Bunbury Industrial Controls provide total control solutions that utilize the latest in automation technology. Customer focus is our number one priority in our quest for continued success. Our engineering team has experience in a wide range of industries and will provide solutions tailored to your specific industry requirements. Our services include but are not limited to the following:

- PLC programming
- Supervisory Control & Data Acquisition (SCADA)
- Plant networking
- Interface programming
- Control systems prototyping
- Control systems upgrades/retrofits
- Drives/Motion control
- FAT and on-site commissioning
- Systems documentation
- Engineering support services
- Training



Industries serviced include:

- Meat Processing
- Oil & Gas
- Chemical
- Mining & Minerals
- Timber
- Marine
- Food & Beverage

Products and Services Guide

Power Products: Contactors.
Overloads.
Manual Motor Starters.
Timers and Relays.
Pushbuttons.
Terminals.

HMI: Message Displays.
Touch Screens.
Graphical Interfaces.
SCADA Systems.
Industrial PC's.
Panel Meters,
Process Gauges.

Sensing Products: Photo Switches.
Proximity Switches.
Limit Switches.
Pressure Switches.
Encoders &
Resolvers.
Temperature Switches.
Laser.
Point Level Detection.

Drives Products: Electronic Soft Starters.
AC VVVF Drives.

PLC Products: µLogix 800, 1000,
1200, 1100 & 1500.
SLC500.
PLC5.
ControlLogix.

Instrumentation: Digital Displays.
Pressure Tx's.
Temperature Sensors.
Flow Sensors.
PID Loop Controllers.
Power Supplies.
Instrument Calibrators.
Signal Isolators.
Wide range of Tx's.

RFID Solutions: Passive & Active Tags
Short & Long Range
Personnel Tracking
Asset Tracking

Energy Efficiency: Power Factor
VSD's for Pumps &
Fans

General Electrical: Slipping Assemblies.
Radio Control Systems.
Catenary Cabling Systems.
Enclosures.
Flexible Conduit.

Safety Products: Safety Interlocks
Signage.
Warning Posts.
Warning Systems.
Safety Lockouts.
Accident Prevention Tags.
Voltage Reduction Devices (VRD's).

Identification: Cable Labelling.
Pipe Markers.
Facility Identification.

Pneumatics: Solenoid Valves.
Pneumatic Controls.
Pneumatic Fittings.
Actuators.

Level Control: Pressure.
Ultrasonic.
Microwave and Radar.

Analytical & Environmental Instrumentation:
pH/ORP/Conductivity Measurement.
Dissolved Oxygen Measurement.
Hydrogen Purity.
Humidity/Dew Point Measurement.
Process Recorders.
Flame Safeguard Sensors.
Wastewater Samplers.
Water Analysis Equipment.
Turbidity Measurement.
Brine Analysis Equipment.
Process Recorders.
Gas Detectors.

Engineering: Automation Systems.
Network Design
Network Analysis.
Controls Upgrades.

Installation: Industrial Controls
Control System Upgrades
Industrial Instrumentation
Fibre-Optic Installation,
termination and testing
including OTDR.

Asset Management:
Condition Based Monitoring
Hardware & Software Available.
Thermographics

Training: Process
Instrumentation.
Variable Speed
Drives.
PLC's

Vendors Guide

Authorised Distributors for:

ABB LVP, Motors & Drives
VEGA Australia
DAANET
Good Vibrations Sensors Pty Ltd

Brady Australia Pty Ltd
Honeywell (Measurement & Control).
Balluff Leuze
Thermo Fisher Scientific

Authorised System Integrators

Rockwell Automation

Silver Partners

Citect SCADA

A small selection of Vendors Products available from BIC:

Ambit Industries Pty Ltd.
Hydramet Pty Ltd.
B&R
Amalgamated Instrument Co. Pty Ltd.
Pacific Automation
MTL Instruments Pty. Ltd.
Phoenix Digital Fibre Optic Modems.
Prochem Pipeline Products W.A. Pty Ltd.
MicroMax Pty. Ltd.
KD Instruments.
Rittal Pty Ltd.
Siemens Process Instrumentation
IDEM Safety
Transtech Electronic Controls Pty Ltd.
IFM

Techno Platform
Uniop
Rhombert Brasler.
Belden.
Black Box.
ProSoft.
RF Innovations.
ASCO.
Prosoft.
Spectrum Controls.
Goyen.
Mid-West Instruments.
Phoenix Contact.
Mann
SICK Pty Ltd

Projects

Harvey Beef – Abattoir Automation.

V & V Walsh - Abattoir Automation.

Fletcher International – Chiller Compressor VSD Upgrades.

BHP Billiton – Remote Train Loadout Positioning Vision System

Ansac Pty Ltd – Mineral Kiln Automation.

Auswest Timbers – Materials Handling Automation.

BHP Billiton – ESD Project Instrumentation

Outotec South East Asia/Pacific/Africa – Paste Plants

Catalano's – Mining & Minerals Crusher Automation.

Caterpillar Marine – Marine Engine Management Automation.

Newmont Asia Pacific – Mining & Minerals Water Management Automation.

Diamond Offshore General Company – Rig Automation.

Goundrey Fine Wines – Vintage Area Automation.

Honeywell Ltd – DCS Upgrade & Power Station Controls.

Cristal Global – Petrochemical Automation.

Rolls Royce Paklog – BHPB WAPL Plant PLC System Upgrade.

Simcoa Operations Pty Ltd – Smelter Control Automation.

Talison Minerals Pty Ltd – Mining and Minerals Automation.

Gunns Timber – Materials Handling Automation.

The Laminex Group – Materials Handling Automation.

Wesfarmers Premier Coal Ltd – Mining & Minerals Automation.

Wespine Industries Pty Ltd – Materials Handling Automation.

Worsley Alumina Pty Ltd – Mining, Minerals & Refinery Automation.

The list above is not a complete list of the projects undertaken by BIC. Further information regarding our project history is available on request.

