



# ECOPLANT

**MANUFACTURING A PATH TO NET-ZERO**

**Driving energy efficiency through  
compressed air machine intelligence**

COMPRESSED AIR

**COMPLETE AIR &  
POWER SOLUTIONS**



# WHAT IS ECOPLANT?

Ecoplant is an advanced controls platform that integrates with your compressed air system to increase energy efficiency and reduce factory downtime. Cut your energy costs with complete cloud-based system monitoring, enhanced by dynamic controls logic, and compatible with all original equipment manufacturer (OEM) compressed air technologies and brands.



**PREDICTIVE**



**EFFICIENT**



**SCALABLE**

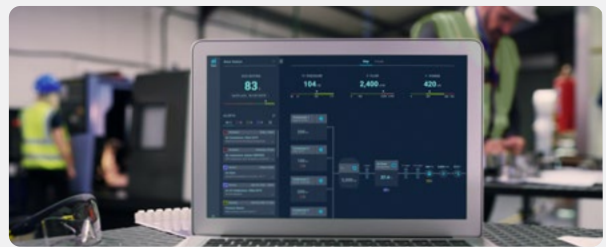
**CAPS and Ecoplant are part of the Ingersoll Rand family, working cohesively to provide the most efficient compressed air solutions available.**

- ▶ Remote platform connects to compressors, dryers and sensors
- ▶ Machine learning control for energy efficiency and predictive maintenance
- ▶ 24/7 continuous monitoring and unlimited data logging
- ▶ Manage your air system from anywhere in the world



## CASH-FLOW POSITIVE ON DAY 1

Unlike traditional control systems, there is no capital investment required. You don't pay for the installation or maintenance of the system. All necessary hardware is included as part of your monthly subscription.



## PREVENT UNPLANNED DOWNTIME

Our machine learning models monitor your system and immediately alert you when your system is at risk of failure, improving reliability and production efficiency.



## REDUCE YOUR ENERGY COSTS

Ecoplant works dynamically to respond to production changes and adjusts your system controls accordingly. Minimise wasted energy and detect leaks sooner for faster response times, less energy waste and lower costs.



## FUTURE-PROOF YOUR BUSINESS

New and emerging technologies can be easily integrated into the Ecoplant system - ensuring you always stay on top of your production.

# DYNAMIC CONTROL

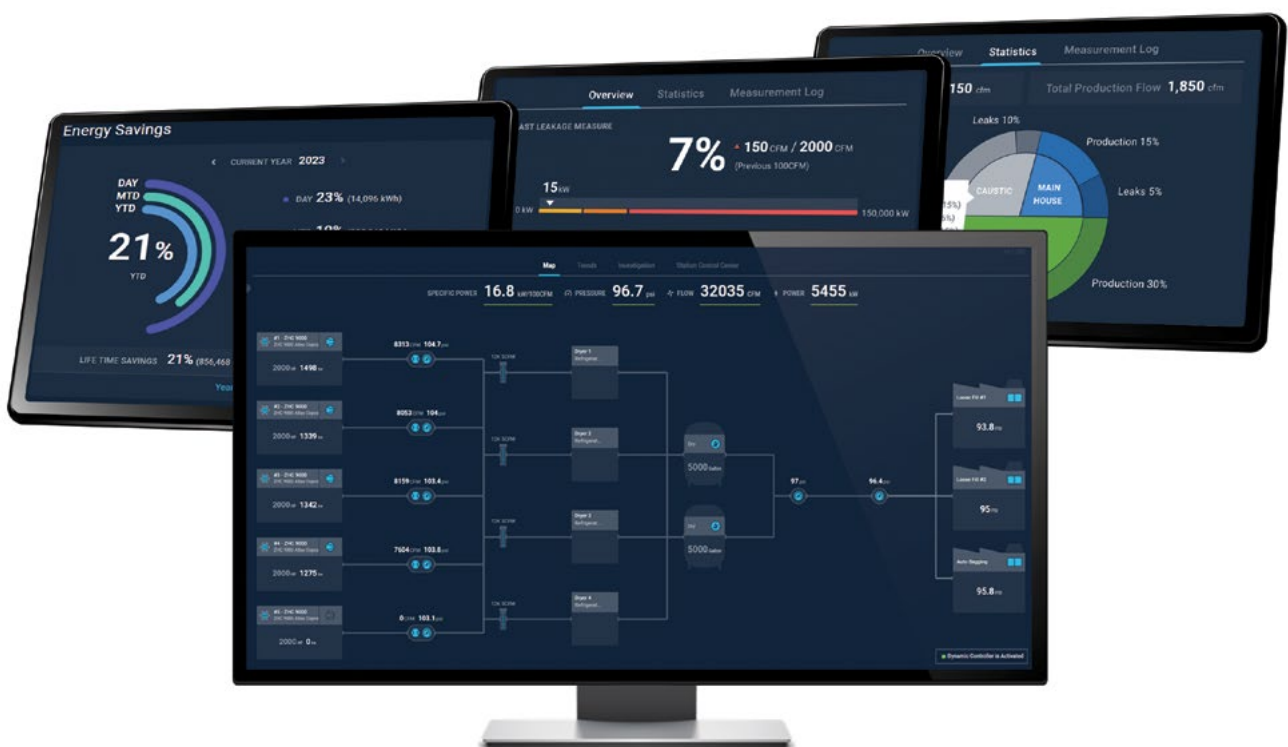
Ecoplant operates as a network of individual controllers for each compressor, all seamlessly coordinated within a centralised framework. State-of-the-art dynamic controls intuitively adjust your compressed air system in response to real time demand changes to deliver maximum value.



## ANALYSIS AND PREDICTIONS



## REAL TIME PERFORMANCE KPIS, FEATURES & INSIGHTS



# PRODUCTION RELIABILITY

Through actionable analytical insights, Ecoplant provides significant annual savings derived from minimised downtime and predicted maintenance. Machine learning models constantly monitor your system with timely alerts on potential failure risks.

## MOVE FROM STATIC TO DYNAMIC CONTROL

### STATIC CONTROL (EXPERT BASED)

- Set and forget control strategy
- Typically brand or compressor type sensitive
- Typically controls from one centralized control point only
- Rotational hours take precedence over efficiency
- Time based event handling are locked down and don't adapt to changing shifts

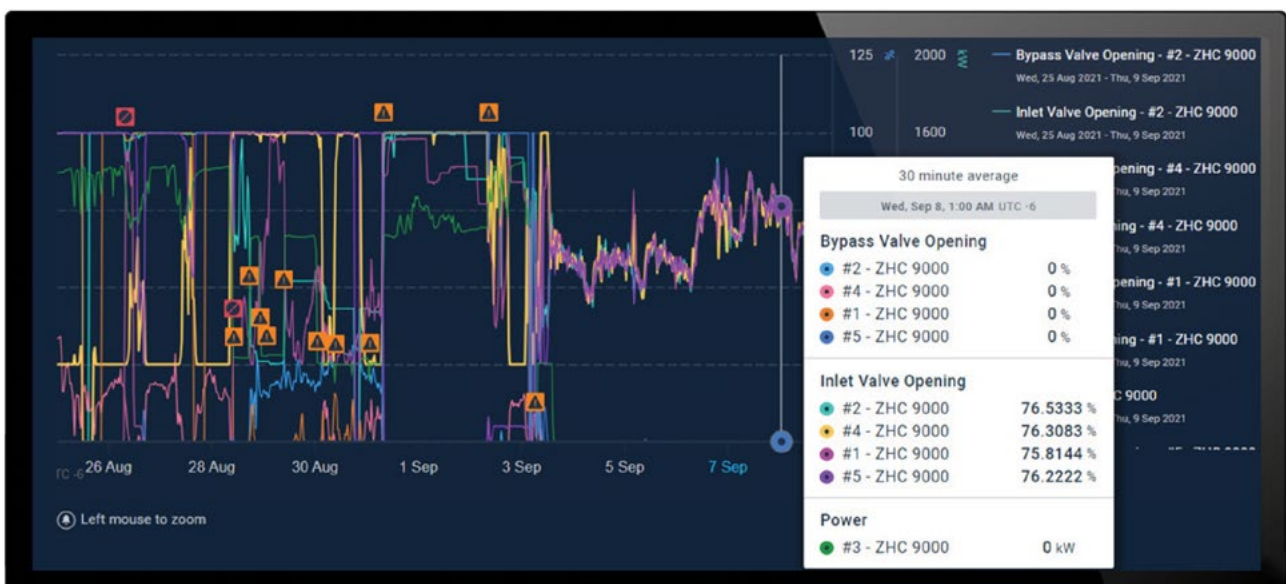


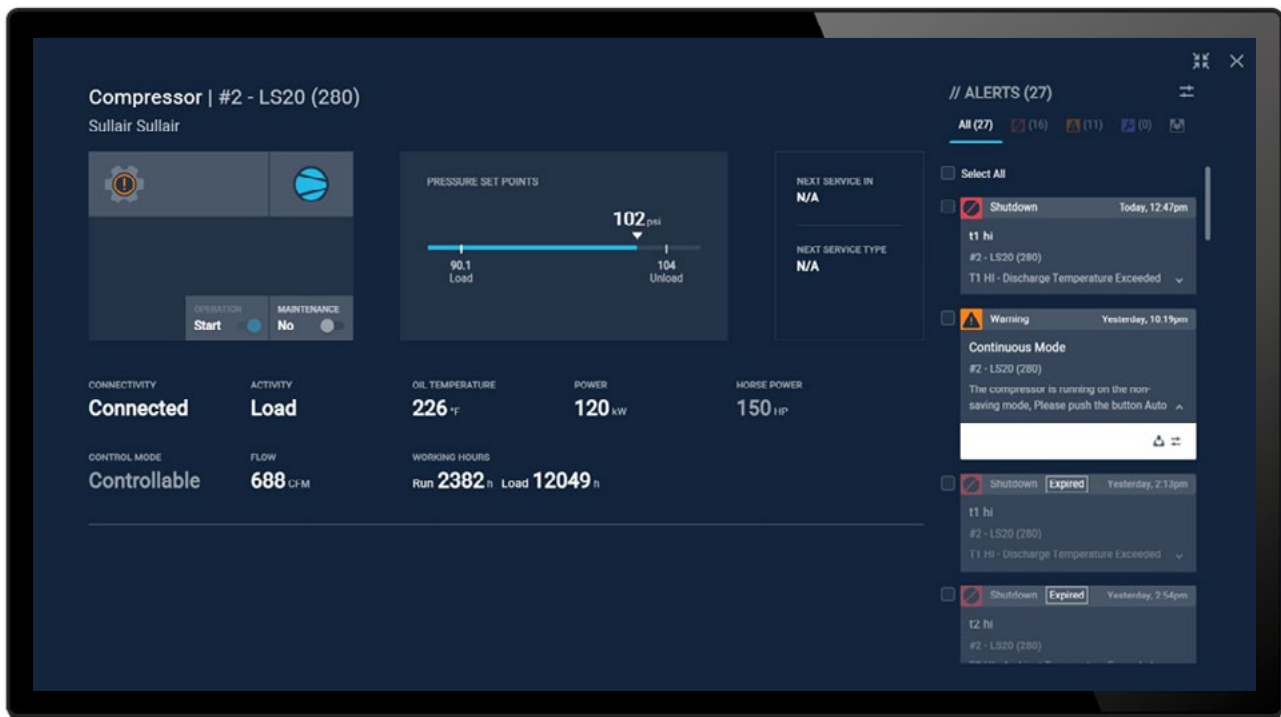
### DYNAMIC CONTROL (AI BASED)

- Pressure is evaluated from the compressor to supply and settings made accordingly to ever changing dynamics
- Evolving control strategies to meet dynamic plant environments
- Machine brand agnostic
- Machine type agnostic - combine types that would typically not operate together
- Ability to incorporate plant based events into the control algorithm
- Incorporates flow and the flow volatility in decision making process
- Include any number of pressure sensors in the control strategy
- Machine Health Detection

## REAL-TIME REPORTING

With its customisable, user-friendly dashboard, Ecoplant provides a powerful reporting infrastructure to enable proactive decision-making. Real-time analytics facilitate energy consumption insights and understanding of costs.





## CLOUD-BASED PLATFORM

Manage your air system from anywhere in the world. Streamlined one-click monitoring empowers teams to flexibly manage productivity, tap into on-site expertise and proactively address maintenance issues.

- 24/7 continuous monitoring
- Instant system alerts
- Unlimited data capture

## IT'S FAST AND SIMPLE TO GET STARTED WITH ECOPLANT



**\$0 CAPITAL  
INVESTMENT**



**INSTALLATION IN LESS  
THAN A WEEK**



**NO SYSTEM  
DOWNTIME**

**CONTACT THE CAPS TEAM TO DISCOVER HOW ECOPLANT  
CAN BOOST YOUR OPERATION**

**Call 1800 800 878 or go to [caps.com.au/ecoplant](https://caps.com.au/ecoplant)**

# COMPLETE AIR & POWER SOLUTIONS

CAPS Australia is a leading provider of power generation, compressed air and gas generation solutions, boasting an extensive portfolio of products and brands.

## WHO IS CAPS AUSTRALIA?

- More than **four decades of experience** in the Australian market.
- **10 branches** around Australia with **over 200 employees**.
- **60 service technicians** covering the full national footprint, with a **24/7 service** offering.
- A vast inventory of **spare parts**.
- The flexibility to search globally for the best products and technologies that serve the **Australian market's needs**.
- World-renowned partner brands such as Ingersoll Rand, AIRMAN, Mitsubishi Generator Series and more.
- Custom design, engineering, manufacturing, supply and service.
- Operating under an ISO 9001 accredited quality system.

## WHO DO WE SERVE?

- Mining
- Manufacturing
- Industrial
- Commercial
- Data centres
- Public and private utilities
- Waste & water treatment plants



# GLOBAL NETWORKS

## BACKED BY LOCAL KNOWLEDGE & EXPERIENCE

Founded in Western Australia in 1980, CAPS joined the Ingersoll Rand family in 2024.

Ingersoll Rand is a global market leader offering a broad range of innovative and mission-critical air, fluid, energy, and medical technologies, enhancing industrial productivity and efficiency.

By utilising quality products with proven reliability where and when they are needed, CAPS' extensive range of industrial equipment features world-renowned brands and means customers have full access to the latest technology, suited to Australian operating environments.

# ENGINEERING EXCELLENCE & MANUFACTURING SKILLS

**CAPS' industry experience means the team can accurately assess your needs and provide the right power generation and air solutions.**

We understand that reliability is crucial - that's why CAPS can custom engineer anything, anywhere, to relevant specifications, in required timeframes and in adherence to Australian industry standards.



Drawing upon our expertise and global partners, we have worked closely with many customers to design and deliver complex project packages that involve end-to-end design as well as the engineering, supply, installation and commissioning.

We offer precision engineered, robust and rugged industrial solutions that meet your technical, quality and documentation requirements.

This is overseen by our in-house engineering department and testing facility, certified ISO9001:2015 quality assurance system.



**Competitively priced, turnkey solutions that keep your operations running smoothly.**

We offer short and long-term rental of compressors and generators across Australia, ideal for your projects, seasonal demand and any breakdown requirements. And provides flexibility to suit your needs.

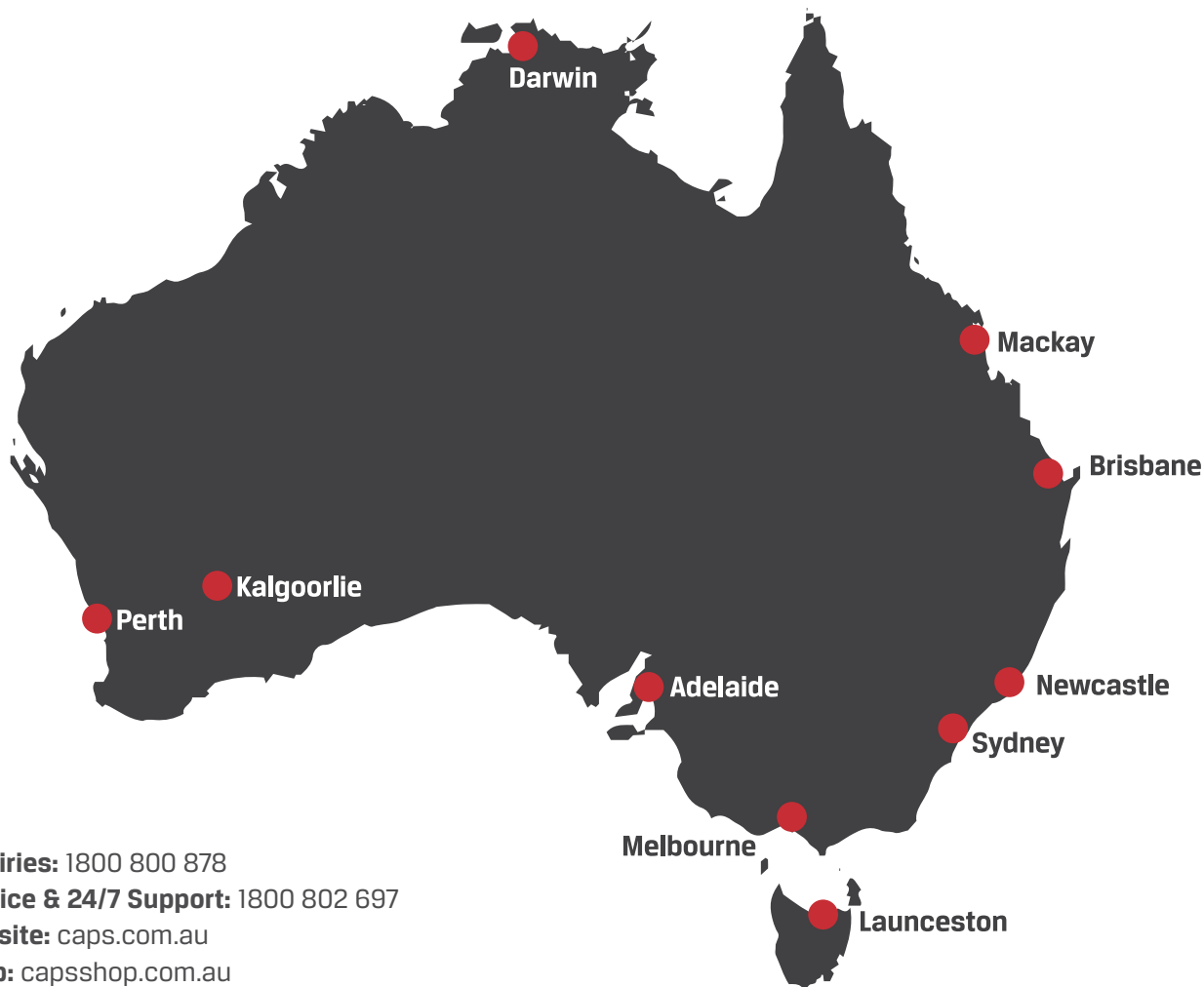
With vast experience in renting equipment to contracting, industrial and mining companies, CAPS has a large fleet of units available for dispatch from our local hubs.

The site ready solutions satisfy a wide range of applications and ensure quality equipment is available, backed with a high standard of customer service.



# SOLVING YOUR AIR AND POWER CHALLENGES

10 BRANCHES SERVICING ALL OF AUSTRALIA



**Inquiries:** 1800 800 878

**Service & 24/7 Support:** 1800 802 697

**Website:** [caps.com.au](https://caps.com.au)

**Shop:** [capsshop.com.au](https://capsshop.com.au)

**Email:** [info@caps.com.au](mailto:info@caps.com.au)

## BRANCH LOCATIONS

PERTH (HEAD OFFICE) | KALGOORLIE | DARWIN | MACKAY | BRISBANE | NEWCASTLE |  
SYDNEY | LAUNCESTON | MELBOURNE | ADELAIDE

