



Environmental Automation

**Energy
Solutions
for Smart
Buildings**

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Environmental Automation
acknowledges the traditional
owners and custodians of the
lands on which we work.





About us

Environmental Automation (EA) is a quality provider of building automation systems and environmental controls with more than 40 years industry experience.

EA has a national client base and is dedicated to tailoring building automation systems to suit our clients' specific requirements.

Our wide range of automation and access control products ensures we can provide the best solution for any building application. This includes management of the building's heating and cooling, security access, lifts, lighting and more.

As a testament to our market acceptance and proven reliability, EA systems have been installed in some of Australia's most prestigious buildings across a variety of industry sectors including government, health, hospitality, education, financial and retail.

One of EA's key strengths is giving clients' a complete building controls package that enables them to manage buildings in a way that is environmentally efficient and sustainable.

It is EA's goal to continually strive to deliver exceptional strategic, fully-integrated services through the fusion of creativity and excellence in product research and development, engineering support and business management.

OUR HISTORY

Environmental Automation evolved in the early 1980s from the Controls Division of Thomas Clark and Son, a major air conditioning contractor. In February 2007, the company was acquired by the ARA Group and became Environmental Automation.

More recently the ARA Group acquired an additional BMS business bringing over some exceptional talent and experience to join our growing EA team. The acquisition has led to a wealth of experience and knowledge to our business.

15 ENGINEERS

10 PROJECT MANAGERS

80 STAFF NATIONALLY

3 OFFICE LOCATIONS



Our Locations

Environmental Automation

NSW

Sydney

Unit 1/192 Kingsgrove Road, Kingsgrove NSW 2208

Central Coast

5/8 Stockyard Place, West Gosford NSW 2250

QLD

Brisbane

Unit 37/1631 Wynnum Road, Tingalpa QLD 4173

VIC

Melbourne

10/120 Talinga Road, Cheltenham VIC 3192



Our Leadership Team



Phil Harding
Managing Director

Phil Harding has more than 32 years' experience in the industry, with a proven ability to maximise the strengths of large operational teams while nurturing and growing client relationships.

As Managing Director, Phil has earned a reputation for his contribution to developing business strategies, incubating new business models and growing the business to the \$70 million-dollar turnover division it is today.

Phil serves as an Advisory Board Member on the ARA Endowment Fund and holds a Master of Business Technology from the University of New South Wales

 [CONNECT WITH PHIL ON LINKEDIN](#)



Stuart James
NSW and VIC General Manager

Stuart James successfully accomplished a dual qualification in refrigeration and electrical trades. Stuart spent four years managing mechanical, electrical and HVAC operations throughout mines sites in WA and abroad. Now leading our NSW and VIC operations, Stuart is applying his past experience abroad with his background managing major prestigious buildings in both servicing and project works

stuart.james@eabms.com.au

 [CONNECT WITH STUART ON LINKEDIN](#)



Isaac Prior
QLD and NT General Manager

Isaac Prior has over 17 years' experience in building automation and security industries.

With an extensive background in both project and business management, Isaac brings a wealth of knowledge and experience with him to our business.

 [CONNECT WITH ISAAC ON LINKEDIN](#)



Glen Ratcliff
EA Plus and NSW Service General Manager

Glen Ratcliff has over 14 years experience within the BMS industry. Glen is leading the way to build our EA Plus into an industry recognised Service. With a strong analytical background Glen is working towards our offerings to become the benchmark that all other analytics services are held against and become industry leaders in building analytics solutions.

glen.ratcliff@eabms.com.au

 [CONNECT WITH GLEN ON LINKEDIN](#)



Stephen Mortimer
National Safety and Compliance Manager

Stephen Mortimer is an expert in compliance and risk management. With more than 5 years industry experience, Stephen's background includes design, development and implementation of structured operating processes. More recently Stephen has taken the lead in educating our workforce on mental health.

 [CONNECT WITH STEPHEN ON LINKEDIN](#)



Wayne Sampson
Financial Controller

Wayne Sampson heads up the Finance Team and with more than 30 years experience in the Finance sector, brings a wealth of knowledge.

Wayne holds a Bachelor of Business in Accounting and a Graduate Diploma of Taxation with distinctions.

Authorised dealer of Reliable Controls

People and technology you can rely on



As an authorised dealer for Reliable Controls, which has an industry leading 5-Year warranty on all products, Environmental Automation invests in our Technicians and Engineers by way of consistent training to keep up to speed with BMS technology and innovation.

Reliable Controls develops innovative and dependable building controls that help you to operate your facility in an environmentally-responsible way.



TOP SALES OF THE YEAR
AUSTRALASIA REGION

**In Recognition and
Appreciation of Highest Sales
Contribution in the Region**

Environmental Automation Pty Ltd
Kingsgrove, New South Wales

System Management Features

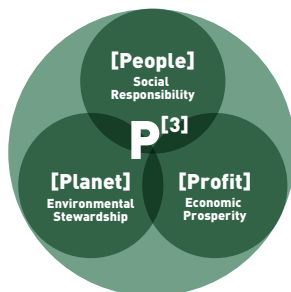
Reliable
controls



Triple Bottom Line thinking is a business philosophy that is being adopted by more and more companies each year.

Companies are setting objectives to care not only about their profitability but their operational impact on the planet, and the well being of the skilled people who make it all happen.

This new level of caring is readily seen in the greening of the global commercial building industry. Building owners and developers around the world are endorsing green building construction as a practical course of action to achieve the objectives of sustainability.



Delivering Sustainability

The measurement, verification, and controllability of mechanical and electrical systems are critical aspects in the design and operation of a sustainable building.

Environmental Automation powered by Reliable Controls® is uniquely positioned to deliver long-term solutions to these important requirements.

The hallmarks of the Reliable Controls System provide long-lasting, forward-thinking solutions that empower building operators and occupants to achieve their operational goals with minimal impact on the environment.

Environmental Automations, commitment to quality, service, and honesty is evidenced by backing Reliable Controls industry-leading, 5-year product warranty, and a broad base of satisfied clients who own and operate sustainable buildings.

As an Authorized Dealer, Environmental Automation provides engineering, sales, installation, and support services for Reliable Controls products. Our technicians are trained and certified by Reliable Controls to provide outstanding client support.

Reliable Controls designs, manufactures, and services its products under one roof at its ISO9001/14001, LEED® Platinum certified Headquarters Annex, located in Victoria, British Columbia, Canada.



The Reliable Controls products utilise the industry standard ASHRAE BACnet™ protocol. Choosing the BACnet protocol for building controls supports sustainable buildings by allowing multiple vendors to co-exist and share data on a common network. This maximizes the usefulness and longevity of the network. Products certified by the BACnet Testing Laboratory [BTL] are declared as "listed", and are able to bear the BTL mark.

System Management Features



As part of our commitment to sustainability, Environmental Automation is a vertically-aligned building IoT vendor delivering innovative, quality products and services through Reliable Controls in all nine of the sustainability elements.

More than just a highly-integrated HVAC and lighting system, Environmental Automation have access to the Reliable Controls product range, the know-how and vision to help you stand at the helm of sustainability for generations to come.



Operator Training



Secure Data



RCRemoteAccess

Integrated Fault Detection and Diagnostics



IFDD FlexTiles

Certified Open Standards



BACnet

Ownership of Analytics



RCReporter

Single App Experience



myControl

Minimal Waste



Backward Compatible

30 YEARS OF BACKWARD COMPATIBILITY

Factory Certified Service



BMS Brands and Product Expertise

Environmental Automation have the capability and skill set to install and maintain multiple BMS controls and systems.

As an Authorised Dealer of Reliable Controls, we also have an extensive portfolio consisting of maintaining BMS brands including Alerton, Delta Controls, Easy IO, KMC Controls, Niagara and Tridium. If you are looking for systems that deliver facility management solutions contact our team on service@eabms.com.au or sales@eabms.com.au



Reliable Controls develops innovative and dependable building controls that help you to operate your facility in an environmentally responsible way.



EasyIO controllers are network centric and high performance Input/Output controllers, supporting multiple protocols. They are also able to accommodate general and specific applications, featuring Bacnet IP, Bacnet Ethernet, Bacnet MSTP, Modbus TCP/IP protocols and also feature a built-in web server for easy configuration.



KMC Controls specialise in open, secure and scalable building automations, teaming up with leading technology providers to create innovative products that help clients increase operating efficiency, optimize energy usage, maximize comfort, and improve safety.



Niagara Supervisor is part of the portfolio of controller/server products, software applications and tools powered by the Niagara Framework®.



Tridium is the developer of Niagara Framework® — a comprehensive software platform for the development and deployment of connected products and device-to-enterprise applications.

**Delta
Controls**

Environmental Automation service portfolio have multiple Delta controlled buildings and have the skill set and expertise to maintain.

Our Services

EA has a highly skilled and qualified team providing the following services:

- Service and maintenance of building automation systems.
- Comprehensive and preventative maintenance.
- Control system optimisation.
- Energy monitoring, management and consulting.
- Access control and third party security system integration.
- Building management system review and testing.
- Control strategy design and implementation.
- System engineering and migration.
- New system installation and commissioning.
- Critical plant remote monitoring and alarming.
- Remote web-based access through gateway integration.
- Project management.
- 24 Hours 7 days per week on-call service.





EA PLUS

Our Energy Management Consultancy

The greenhouse performance of commercial buildings is now increasingly important to the wider business community. Energy efficiency plays a vital role in minimising overheads and reducing field equipment life-cycle costs. Many premises can save 20-40% on their energy bills by implementing cost effective energy efficient practices.

EA is dedicated to providing comprehensive energy management solutions through our EA Plus division. This includes monitoring, investigation, reviewing and recommending an extensive range of energy saving strategies.

Our experienced energy management consultants can optimise your building automation system to achieve and improve energy efficiency for your building, plant and equipment.

EA has the capability to implement these strategies in cost effective maintenance plans.

Optimise Your Energy Even Further

How EA Plus can assist

Environmental Automations core focus is to provide transparency to our clients through the EA Plus Service. EA Plus offers remote analysis and optimisation in the following areas:



HVAC optimisation tailored to our clients priorities



Utility monitoring, analysis and benchmarking



FDD (Fault Detection Diagnostics)



Indoor Air Quality Benchmarking



Tracking a multitude of assets to optimise energy



Complete in-house service



Tenant comfort benchmarking



Simplified reporting and transparency

Our Project Management

EA has a highly skilled and qualified team providing the following services:

- Delivering quality building control systems with a focus on energy efficient operation and reliable performance.
- Quality installation and commissioning works.
- BMS replacement with a focus on continuous operation.
- Provide intuitive, easy to use and presentable graphical interfaces.
- Plant performance reports to enable operators to identify problems with plant operation.
- Integrated fault detection diagnostics, for greatly enhanced plant troubleshooting.
- Deliver energy management systems that both identify abnormal energy trends and report on historical performance.

Our Projects Portfolio



NSW

Angel Place



NSW

345 George St



NSW

Parliament House



NSW

77 King St - Apple Store



NSW

City Recital Hall



NSW

State Library NSW



NSW

St George Hospital



NSW

St Vincent Clinic

Our Projects Portfolio



NSW

University of Sydney
Susan Wakil Health Building



NSW

Quad 4 - Sydney Olympic Park



NSW

Sydney Olympic Park Aquatic and
Athletic Centres



NSW

Sisters of Charity



NSW

Cumberland City Council Granville
Community Centre



VIC

628 Bourke St



VIC

332 St Kilda Road



VIC

Centre Higher Educational Studies

Our Projects Portfolio



VIC

67 - 69 Palmerston Crescent



VIC

Gippsland Regional Aquatic Centre



QLD

University of Queensland
Elkhorn Building



QLD

Brookside Shopping Centre



QLD

Youfoodz



QLD

Anglican Church Grammar School
(Churchies)



QLD

Ramsey Health Noosa, Gympie and
Caboolture Hospital



QLD

300 Adelaide Street

Facilities We Maintain and Service

Our maintenance and service clients have enlisted EA to provide a range of BMS Service requirements ranging from: -

- BMS maintenance and preventative maintenance
- Building performance management
- Data driven maintenance

We cover Tier 1 to Tier 3 clients offering the same high level state of the art reporting and service.

Office and Commercial



320 Pitt Street



255 Pitt Street



201 Kent Street



100 Miller Street

Facilities We Maintain and Service

Education



Knox Grammar School



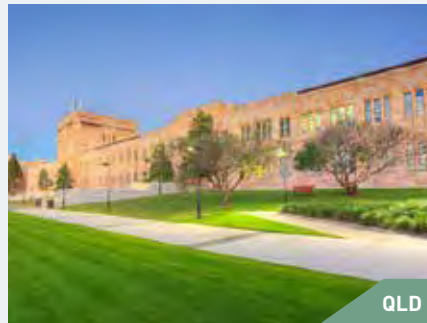
University of Western Sydney



UNSW Sydney



University of Technology Sydney



University of Queensland



Anglican Church Grammar School
(Churchies)

Government



Government House

Facilities We Maintain and Service

Office and Commercial (cont'd)



QLD

Waterfront Place



QLD

Hilton Brisbane



QLD

Retail First Shopping Centre
- Multiple sites



VIC

628 Bourke Street



VIC

584 Swan Street



VIC

Australia Post Distribution Centre -
Sunshine, Dandenong & Melbourne Airport



VIC

120 Collins Street -
52 Store Class A Office Building

Optimise your Healthcare Building

Across our portfolio, we specialise in:

Control and monitoring of the following:

- Pharmaceutical preparation labs
- Cancer treatment labs
- Chilled water systems supplying cooling for medical equipment such as MRI machines, linear accelerator machines and PET scanners.
- Medical steam boilers
- Positive and negative pressure isolation rooms

HEPA filter monitoring

Medical gas alarm monitoring

Temperature, humidity and pressure monitoring of the following:

- Operating theatres
- Decontamination rooms
- Drug rooms
- Server rooms hosting servers for medical equipment

Temperature monitoring of fridges and freezers.

High level interface to all air conditioning units within the client rooms

Healthcare Buildings We Maintain and Service



NSW

St Vincent Hospital



NSW

Royal North Shore Hospital



NSW

Mater Hospital



NSW

Pittwater Private Hospital



NSW

St George Hospital



NSW

Waratah Private Hospital

Our Clients

Our client base includes:



Centuria



dexus



Sample Graphics





Our Accreditations

Independently certified to the highest national level AS/NZS 4801, ISO 9001 and ISO 14001. We are committed to our employees and their health and well-being.

Insurances

General Liability (Public) : \$50,000,000

Professional Indemnity: \$20,000,000

Workers' Compensation: Environmental Automation policies covers the full amount of the employers liability under the following Acts: -

NSW – Workers Compensation Act 1987

QLD – Workers Compensation and Rehabilitation Act 2003

VIC – Workplace Injury Rehabilitation and Compensation Act 2013 (and amendments)



Workplace Health and Safety

Your safety is our #1 priority.

Our vision is to be the industry leader in safety management with our key objective to provide a healthy and safe place of work for all employees and visitors.

Our aim is to effectively communicate and implement proactive safety management strategies to prevent workplace incidents and accidents.

Workplace Health and Safety is of the utmost importance to Environmental Automation and is a key component of our operations.

To assist in the development, management and continuous improvement of safety across the business, Environmental Automation have adopted safety management systems that align and comply with the requirements of Australian Standard AS4801.



Quality Assurance Policy

Quality is our key objective

Environmental Automation's objective regarding Quality is to ensure that the contract requirements described in the clients' specifications and support documentation are complied with.

It is the objective of Environmental Automation to undertake the contract works in accordance with relevant codes of practice and all applicable standards where required under the contract in a cost effective and reliable manner.

It is the policy of Environmental Automation to achieve the above objective by the implementation of the Quality Assurance System by the Managers and Supervisors as described in the Quality Systems Manual and as detailed in the Project Quality Plan.

All employees are required to perform their duties having quality as a key objective.

Management and supervisory personnel are to actively support and promote the Quality Assurance System as detailed herein and to ensure its implementation.

The Quality Assurance Policy is fundamental to the successful operation of Environmental Automation to maintain its reputation and competitive position in the industry.



Modern Slavery Policy

Environmental Automation are committed to conducting business responsibly and in a manner which ensures that our business respects and upholds human rights.

EA acknowledges that risks of modern slavery may exist in our supply chains, and our Modern Slavery Statement sets out those steps we are taking to identify, mitigate and otherwise manage those risks.

Within our operations, EA believes through past assessment, training, and ongoing review the risks of modern slavery are extremely modest.

We are committed to maintaining and continuously improving our systems and processes to remain effective in reducing the risks of human rights violations in our businesses supply chains.

Policies - Human Rights & Governance Arrangements

Our Board of Directors and Executive Team are dedicated to achieving the highest standards of corporate governance in respect of conducting business ethically, with regard for the current needs of the greater community, and in a manner which minimises the risks of modern slavery and human rights abuses. We expect our employees, suppliers, and business partners to adopt the same or similarly high standards of ethical behaviour.



Sustainability Policy



Environmental Automation Pty Ltd and its management are committed to sustainability in all business operations. Environmental Automation Pty Ltd know that sustainability is an integral part of successful business well.

We know that maintaining the best sustainable practices will ensure that the environment is protected and supported, that the wellbeing of our stakeholders is enhanced.

We know that our environment is impacted on by our activities and realize that through collaboration with our staff, our suppliers and our clients we will be able to contribute positively to the environment, our culture, our people and the economy.

We seek to show leadership in our sustainable practices by:

- Ensuring that in all our activities, services and products we offer we will operate in a manner that has a positive impact for our environment.
- Developing technologies and providing services that minimizes the use of energy, water or material resources
- Engaging with our workers, suppliers and clients in our pursuit of reducing our environmental footprint.
- Developing long-term relationships with our communities, clients and suppliers.
- Clearly demonstrating our values and ethics in all our practices
- Ensuring continual improvement, by monitoring and reporting our activities and achievements.

Environmental Automation Pty Ltd understands that sustainable principles and practices need to be managed and owned by all staff. We will ensure this happens through the Environmental Automation management and leadership team who will engage and provide resourcing, practices and opportunities for all our workers to be engaged in our drive for sustainable leadership.

A handwritten signature in black ink, appearing to read 'Phil Harding'.

Phil Harding
Managing Director

Our Apprentice / Intern Program

Environmental Automation takes training people seriously.

We are committed to securing our future and developing career paths for future building automation technicians.

We work closely with Premium Graduate Placements based in Sydney in recruitment of potential talent and offering internships to successful candidates'. In addition, employment of apprentices and interns demonstrates EAs commitment to supporting people of all age groups in their journey.

Our Operations team work closely with each and every apprentice/intern to train and mentor their development.

Workplace Gender Equality



Gender equality is when people of all genders have equal rights, responsibilities and opportunities.

Environmental Automation recognises the impact of gender and believe it is essential for economic prosperity and for societies to value women and men as equals.

Each year our organisation seeks compliance with the Workplace Gender Equality Act 2012 (Act) to contribute to improving gender equality outcomes in the workplace.



Our Reconciliation Action Plan

Our commitment towards reconciliation in Australia.

ARA's vision for reconciliation is for a more inclusive and meaningful Australian business sector. Our RAP aims to provide solid opportunities for Aboriginal and Torres Strait Islander peoples and their businesses to succeed.

Our first RAP represented a formal commitment to ARA's values of inclusion and positive community engagement. Above all, it provided a practical framework to ensure that ARA implements tangible strategies and delivers on measurable outcomes as part of the program.

ARA Indigenous Services leads the Group in advocacy to ensure we achieve our objectives. Proudly, the majority of our commitments in the ARA - Innovate Reconciliation Action Plan (RAP) for 2018–2020 were achieved. We are currently planning the launch of our New Innovate RAP.

The ARA Group Reconciliation Action Plan commits to exploring Aboriginal and Torres Strait Islander cultures through learning and education pathways in the community.

Our RAP steering committee (which is comprised of majority senior management and Aboriginal and Torres Strait Islander representation) is responsible for ensuring that Environmental Automation in conjunction with the ARA Group delivers strong outcomes for the commitments we have made.



The Wiimali program is created to support business processes for inclusion of Indigenous Employment. It is wholistic and mindful of cultural, business and social needs and is implemented under the governance of ARA Indigenous Services.

Wiimali takes focus on three key elements:

- Strategic Recruitment – Employment of Indigenous personnel
- Ngurra / Kin-Necting – Mentoring Program
- Community Engagement

The word Wiimali originates from the Native Gamilaraay Language of Australia. Its meaning is "one to Light Fire." ARA Indigenous Services Wiimali program captures the importance of the cultural flame and lights the fire towards a successful outcome for Aboriginal and Torres Strait Islanders within the Employment Sector.

The Right Person for the Job

Using Community Programs and Contact Networks to recruit

Pre-screening Process to vet candidates and ensure each person is the right fit for the Role

ARA Indigenous Services have skilled engagement officers of Indigenous background who have experience with the challenges amongst the employment sector for Aboriginal and Torres Strait Islander people.

Our network within community and knowledge of culture has enabled us to create the Wiimali program bespoke to the ARA Group needs helping to fulfill our customers' needs for projects and services.

Wiimali is designed to create a smooth operational process, pre-vetted for the placement of Indigenous Employees into our workforce, with collaboration, ongoing support and interaction; the program aims to provide suitable personnel appointed to deliver positive results with high quality and high retention outcomes through our unique and discrete mentoring program Ngurra.



PARTNERS
WITH



Environmental
Automation

**Indigenous owned and operated,
providing reliable solutions for
facilities and infrastructure.**

ARA Indigenous Services works in support of the entire ARA Group focusing on the integration of an Aboriginal and Torres Strait Islander workforce who are positive and capable, delivering on the customers and project needs.

Committed to excel, we are focused on creating tangible outcomes for Aboriginal and Torres Strait Islander peoples and communities. By building on strong relationships we aspire to promote social and economic wellbeing through four key objectives.

1. Sustainable Employment
2. Meaningful Community Partnerships (Community Engagement)
3. Aboriginal and Torres Strait Islander business inclusion
4. Cultural Awareness

Our clients span across all sectors and vertical markets, including: Government, Education, Health, Transport, Corporate, Commercial, Retail and beyond.

We are on a mission to strengthen partnerships between Indigenous and non-Indigenous Australians through understanding, encouragement and active involvement. It is our vision to create a link and avenue to the Indigenous communities in the Remote Indigenous Procurement Policy (RIPP) regions and to engage with the community through encouragement, support, philanthropy and active involvement.

We aim to increase the number of our employment opportunities on an annual basis within the community.

Certifications and Affiliates



Our Culture and Partnerships

We believe it is our fundamental responsibility to support and give back to the communities in which we work and live.



In 2009, we established the ARA Endowment Fund as part of our mission to create a lasting legacy of support for our community. Our goal is to grow the principal balance of the Fund and provide meaningful donations in perpetuity. The Fund is a registered Australian charity in its own right.

Every year, 100% of the annual interest earned on the balance is donated to three select partnerships: The GO Foundation, The Indigenous Literacy Foundation and The David Lynch Foundation.



Our Community Partnerships

Environmental Automation proudly supports the following charities.





Contact us today

1300 322 627

www.environmentalautomation.com.au

sales@eabms.com.au

service@eabms.com.au



CONNECT WITH US ON LINKEDIN