



Keeping business flowing



About Us

Flocontrol is Australia's preferred nation-wide supplier of valves, actuation, and specialty equipment.

Today, we service over 300 customers, including some of the biggest names in mining, water, oil & gas throughout Australia.

This is the story of how it happened.

After working extensively with Hamersley Iron/Rio Tinto in the mining industry for over 10 years, Flocontrol's founder decided to hone his expertise and make the switch to work with a renowned U.S. valve and automation business. As an Australian representative, he thrived in the supply of engineered products to Australian industry — having worked in it himself for many years.

However, as this U.S. business continued to grow, the need for an uncomplicated model that harboured closer connections with clients and their unique needs was identified. With this, Flocontrol was founded in 2006. The business would be a wholly Australian owned and operated company focusing on four key pillars: on-hand technical support, quality compliance, quick turnaround, and on-time delivery.

These pillars were designed entirely to prioritise and support our clients in making simple, fast purchases to keep business flowing.

After 19 years of successful business, Flocontrol joined the CGIS group of companies in 2024. Headquartered in Vancouver, Canada, CGIS is the recognized leader in the application of critical and Severe Service Valves. Founded in 1980 by Ross Waters, CGIS is led by a team of Valve and Automation SMEs with decades of experience in Mining, Oil & Gas, Pulp & Paper, and Water/Wastewater industries.

Flocontrol now serves as the Australian arm of the CGIS group of companies, and continues to be a major supplier of valves for Australia's largest mining and blue-chip companies, including Rio Tinto, Fortescue, Water Corporation, ENI, Origin, GR Engineering, BHP, Santos, APA, AGIG, and Woodside.

*Keeping
Business
Flowing*

Our Vision

A world without valve problems

Flocontrol are the trusted valve, automation, and service partner and the recognised leader in delivering intelligent solutions to our customers. We invest in our business everyday by focusing on superior customer experience.



Approach

Time is critical to any project and plant operator — so Flocontrol built a system to ensure operations will never be held up by the critical work of sourcing the best products available. Our engineers draw from decades of combined multi-disciplinary and industry experience, which means we're able to provide top-tier technical advice that gets the job done quickly.

By specialising in dedicated industry products we are able to provide a personalised level of service that is second-to-none. We're also backed by some of Australia's biggest names and a factory guarantee on all parts.

Certifications

Flocontrol's products are fully compliant with all required statutory and industry standard approvals and certifications. ISO 9001:2015 accredited for quality compliance, Flocontrol maintains a high standard of industry compliance. For a full list of our certifications, head to our website.

For you, this means you can focus on what truly matters, confident that your project and business will keep flowing.

Our Team

Technical support on-hand

We're more than just order-takers — our engineers have the technical knowledge and experience to source the best solutions. They work closely with project and plant engineers to define the differences and

benefits of our products and determine best-practice suitability for your application.

Our team speaks your language and won't hold you up — that's a promise.



Technical & Engineering Team

The Flocontrol technical and engineering team have decades of experience in the mining, oil and gas, water, marine and industrial sectors. Our in-house engineers can customise designs, produce documentation and technical drawings and provide advice to suit your application - no matter what it is.



Servicing & Repairs Team

The Flocontrol servicing and repairs team draws on diverse skills and broad industry experience to conduct assemblies, repairs and servicing. In our on-site workshop we work closely with partner machinists, metal specialists, coating specialists and raw material suppliers to complement our knowledge and forge best-practice solutions. Our servicing and repairs team can also conduct on-site assessments and provide on-site repairs and modifications if preferred.



Sales Team

Our sales team is committed to providing you our best customer service, competitive pricing and efficient lead times. With a wide range of valve and industry experience, the team can easily be reached by phone or email. Our sales experts are happy to visit your office or site and we can also deliver presentations and provide support via remote video call.



Operations & Logistics Team

Our operations and logistics team ensure your order runs smoothly and is delivered on-time. We specialise in project management, having supplied major projects across all industries, and manage our supply chain to provide you regular updates. As your point of contact for all project and order matters, the team is motivated to exceed your expectations and keep your business flowing.

Our Industries

Flocontrol has delivered successful projects in both highly diverse and highly specialised sectors.

The industries we primarily serve are:



WE ALSO WORK WITH:

- Chemicals
- Petrochemicals
- Power generation
- Heating & cooling
- Dams & reservoirs
- Irrigation
- Steel

Our Products

Flocontrol represents top-tier brands that are renowned for quality and durability. We focus on factory quality and compliance, which means we only partner with the best manufacturers.

Even so, every single product is quality and compliance checked when it arrives at our facility before it is sent on to you.

VALVES & ACTUATION

We offer a full range of valve products, including but not limited to:

- Ball Valves
- Butterfly Valves
- Check Valves
- Control & Regulating Valves
- Gate Valves
- Globe Valves
- Knife Gate Valves
- Needle Valves
- Plug Valves
- Safety Relief Valves
- Y-Strainers
- Full range of Actuation options

Each and every product is available in a full range of sizes, materials, pressure ratings and connections. Our workshop is fully equipped to test, configure, service and repair valves of all sizes and applications. We also offer a complete range of actuation products, from manual handwheels, levers and key caps, to electric, pneumatic and hydraulic actuators, complete with any required proximities, switches, positioners and extension spindles for buried service.

We have a wide variety of valve and actuation products available. Talk to our team about your needs today.

MANUFACTURERS

Flocontrol maintains a direct line of communication with our manufacturing facilities — and they provide us with immediate status updates, fast turnaround times for drawings, quick documentation and first-hand involvement in the design and testing of our products. Head to our website to see our full range of manufacturers.

VALVES & ACTUATION



ALFA Europe

Alfa Europe B.V. is a privately owned company specializing in the development and production of high-quality butterfly valves. They offer both standard and custom solutions tailored to a wide range of applications.

Industries:

Building services, Desalination, District Cooling, Municipal water, Oil & Gas, Power Stations, Shipbuilding.

Key Differentiator:

Customizable butterfly valve solutions.

Product Lines:

- Bonded liner butterfly valves
- Replaceable liner butterfly valves
- Teflon-lined butterfly valves
- High-performance butterfly valves



Adams Armaturen

ADAMS Armaturen GmbH, headquartered in Herne, Germany, has been a family-owned business since 1960, renowned globally for producing high-quality butterfly valves with exceptional functional reliability. Their product range caters to critical applications across various industries.

Industries:

Hydrogen, Hydropower, LNG, Oil & Gas, Paper, Petrochemical, Power Stations, Water Treatment.

Key Differentiator:

Creators of the triple-eccentric metallic sealing system (triple offset butterfly valve).

Product Lines:

- Severe Service Zero Leakage triple offset metal seated butterfly valves
- Severe Service Control Valves
- Combined function check, isolation and control valves
- Compressor and steam turbine extraction check valves



AZ Valves

AZ Valves is a leading manufacturer of cavity-free plug valves and specialized valve solutions. With over 50 years of experience, the company operates globally with manufacturing plants in Germany, South Africa, Brazil, and China, employing around 500 people worldwide.

Industries:

Chemical, Food, Nuclear Power Plants, Paper, Petrochemical, Pharmaceutical.

Key Differentiator:

Specialists in cavity-free plug valve designs.

Product Lines:

- High Performance Sleeved Plug Valves
- Lined Plug & Ball Valves
- Control Valves
- Sampling Systems



DSS Valves

DSS Valves is a team of engineering and manufacturing professionals with decades of experience in creating premier Severe Service Knife Gate Valves and Severe Service Check Valves. They specialize in creating valves that thrive in the harshest environments and their products are known for handling high differential pressure scenarios, corrosive materials, and extreme temperatures.

Industries:

Mining, Oil & Gas, Pulp & Paper, Steel, Water/Wastewater.

Key Differentiator:

Producers of the *Guided Shear Gate Valve Generation V* which is able to provide repeatable, bidirectional zero-leakage performance from full vacuum to ASME Class 1500/PN 250 (3750 psig/250 barg) with solids in solution.

Product Lines:

- Severe Service Knife Gate Valves
- Severe Service Check Valves
- Double Block and Bleeds
- Pinch Valves
- Scavenger Valves
- Control Valves



VALVES & ACTUATION



HY-GRADE Valve Inc.

Since 1984, HY-GRADE has built a reputation for manufacturing a full line of check valves suited to the harshest of applications. HY-GRADE check valves are manufactured at their facility in Fairhope, Alabama, USA, under the motto “Manufacturing Techniques Make a Difference”.

Industries:

Chemical, LNG, Marine, Mining, Oil & Gas, Petrochemical, Power Generation, Pulp & Paper, Refining.

Key Differentiator:

Precision-engineered check valves.

Product Line:

- Severe Service Check valves



KPC

KPC Corporation, established in 1977 and based in Daegu, South Korea, specializes in manufacturing high-quality valves and precision castings for industries such as oil and gas, petrochemical, mining, and power generation. Their product lineup includes various types of ball valves, designed to meet stringent industry standards.

Industries:

Mining, Oil & Gas, Petrochemical, Power generation.

Key Differentiator:

Fully integrated manufacturing process.

Product Lines:

- Metal Seated Ball Valves
- Automated Ball Valves
- 3-Piece Trunnion Ball Valves
- Wedge Seal Top Entry Ball Valves
- Trunnion Mounted Top Entry Ball Valves



MTECK

MTECK Global is a provider of Process Valve and Instrumentation solutions, specialising in the supply of Industrial Control Valves for use in General and Severe Service.

Industries:

Chemical, Mining, Oil & Gas, Petrochemical, Power Generation, Refining.

Key Differentiator:

Extensive knowledge and experience in control valves, with the ability to provide custom-designed solutions tailored to specific client requirements.

Product Line:

- Eccentric Plug Valves (Rotary Globe)
- Choke Valves
- Disk Control Valves
- Globe Control Valves
- Ball Control Valves
- Steam Desuperheaters



NOVA Hydromet

NOVA Hydromet is a joint venture dedicated to enhancing efficiency and sustainability in the global metal extraction industry. The company offers science-based guidance and technology to optimize hydrometallurgical facilities, focusing on complex autoclave systems. Their services include technical consulting, equipment repair and servicing, and equipment enhancement and sales.

Industries:

Hydrometallurgy Plants, Refining.

Key Differentiator:

Holistic, science-based approach to autoclave systems.

Product Lines:

- Severe service angle control valves
- Severe service isolation ball valves and ram valves
- Valves, flanges, and vessel components in titanium, high-nickel alloys, and stainless steels



VALVES & ACTUATION



Özkan Makina

Established in 1983 and based in İzmir, Turkey, Özkan Makina specializes in the production of industrial valves and fittings. Initially focused on steam and process valves, the company later shifted its primary production to butterfly valves. As a member of the Hawle Austria Group since 2011, Özkan offers a diverse product range that includes butterfly valves, needle valves, check valves, dismantling joints, and air release valves.

Industries:

Steam, Water/Wastewater.

Key Differentiator:

Comprehensive in-house production capability.

Product Line:

- Butterfly Valves
- Check Valves
- Dismantling Joints
- Needle Valves
- Air Release Valves



Valvitalia

Valvitalia is an Italian-based group specializing in the design, production, and supply of equipment and components for the energy, marine, and civil industries. Their product portfolio encompasses valves, actuators, fittings, flanges, and fire-fighting systems, catering to various applications such as oil and gas, power plants, water desalination, and military sectors.

Industries:

Chemical, Hydrogen, LNG, Marine, Oil & Gas, Petrochemical, Power Generation, Water Desalination.

Key Differentiator:

One Stop Shop for various valve designs.

Product Lines:

- Ball valves
- Check valves
- Control valves
- Gate valves
- Butterfly valves
- Subsea valves
- Globe valves
- Plug valves



Western Valve



Western Valve

The DAN-EX valve, originally introduced in 1979 by the Daniel Valve Company and now manufactured by Western Valve, is an advanced double block and bleed (DBB) valve designed to enhance performance in critical applications. Engineered as an improved version of the General Twin Seal Valve, the DAN-EX valve offers superior sealing capabilities and operational reliability across various industries.

Industries:

Aviation & Military Fueling, Liquefied Petroleum Gas, Oil & Gas, Refining.

Key Differentiator:

Mechanical sealing mechanism provides verifiable double block and bleed function without depending on line pressure or springs.

Product Line:

- Double Block and Bleed / Dual Expanding Plug Valve

SPECIALISED EQUIPMENT

We also supply highly specialised equipment, standard and bespoke. If you have something specific in mind, let us know — we may be able to source it for you through our trusted networks.

- Monolithic Insulating Joints (MIJ's)
- Skids and Metering Units
- PIG Launchers & Receivers
- Fire Systems
- Filtering Units
- and more...
- Heating Units



Monolithic Insulating Joints



PIG Launchers & Receivers



Fire Systems



Gas Distribution

Case Studies

Jemena Northern Gas Pipeline

Manual and Actuated Ball Valves

Jemena's Northern Gas Pipeline (NGP) is a 622km gas transmission pipeline that runs from Tennant Creek (NT) to Mount Isa (QLD). It includes two compressor stations and links to the gas production facilities in NT to Australia's eastern states.

Flocontrol delivered the manual and actuated ball valves packages for this \$800 million project, a total of over 1500 premium Valvitalia ball valves.

We worked very closely with the manufacturer and assigned a dedicated project manager to coordinate project delivery. Every valve was tracked from the beginning of production, tagged, tested and verified upon receipt and delivered with a full MDR suite of documentation. We also accompanied our client to perform an assessment audit at the manufacturing facility, which exceeded expectations. Local Australian



content was enhanced by our team through assembly and testing in Perth of all actuated units. Since project completion, we have supplied additional valves and spares and accepted a letter of thanks from the client. We are looking forward to future partnerships as expansions and extensions of the pipeline are planned.

Neerabup Ground Water Treatment Plant

Butterfly Valves

Water Corporation WA's Neerabup Groundwater Treatment Plant was expanded in 2020 to provide 50% increased capacity, to a total of 150 million litres of water per day. The \$52 million turnkey project was delivered by the SACYR Westforce Construction Joint Venture, including engineering, construction and commissioning. Flocontrol worked closely with SACYR WF JV to deliver the complete butterfly valves package, including manual and actuated valves and our top-tier, vulcanised butterfly valves approved for water service.

We tagged and tracked every valve at each step of the project, working closely with both manufacturers and the Water Corporation to ensure on-time project delivery, especially during the challenging months of COVID-19. Throughout the project, we achieved successful project deliveries and commissioning,



including third-party witness function testing. We also provided site support to ensure smooth installation and commissioning. Flocontrol is engaged with SACYR WF JV on subsequent projects and looks forward to many successful endeavours.

Rio Tinto Nammuldi Stage 1

Knife Gate Valves, Butterfly Valves, Miscellaneous

The world's second largest mining corporation, Rio Tinto, engaged Mineral Resources company CSI to deliver a US\$2.2 billion processing plant, capable of crushing, wet screening and beneficiating 25M wet tonnes of ore annually. Under a tight delivery schedule, with fluctuating valve requirements, Flocontrol delivered the complete valves package, including over 1200 butterfly, knife gate, ball, check and control valves safely and efficiently to meet the project's target delivery.

To achieve this, we developed custom project delivery processes, innovative valve tagging and logistics operations to enhance agile delivery and facilitate ease of receipt and processing by the client. Flocontrol was further engaged 18 months later to supply valves for the Nammuldi Stage 2 expansion and has since been a regular and reliable supplier to Rio Tinto



for many of their valve requirements, including the more recent Mesa A and Mesa J projects. Through our founders' mining history and experience, we understand the procurement pain points in the industry and continually develop our practices and procedures to mitigate these issues for our clients.

Coogee Chlor-Alkali Plant Expansions

Valve Solutions

Coogee Chlor-Alkali is Australia's second largest manufacturer of chlor-alkali products with three facilities across Australia — two in the Perth region of Western Australia and one in Lytton, Queensland. In 2015, Coogee undertook a significant expansion of the Lytton facility. A new state of the art cell room significantly increased capacity. Like the Kwinana expansion of 2010, this incorporated Ineos BiChlor technology.

As well as providing increased capacity of sodium hypochlorite, hydrochloric acid and caustic soda, it also provided greater flexibility and redundancy within the operation. 2015 also saw the start of 50% caustic soda manufacture and supply from this site. Flocontrol was instrumental in both of these projects from the early stages in



working with the Coogee Engineering Team on design and specifications for valving through to the supply of specialised chemical valves for both plants. We continue to be a valued supplier across all the Australian Coogee operations to this day.

Past Projects

Flocontrol has been the premier supplier to many of Australia's complex large-scale resource projects — demonstrating our expertise in project management and delivery at every step of the way.

Because of our specialised expediting and logistics division, dedication to the best turnaround times, commitment to on-time deliveries and accessible customer liaison, we're hand-picked time and time again by some of the biggest names in Australia's industry and resources sectors.

In the past, we have supplied the following projects:

OIL & GAS

- Clough Maari Gas Field
- ENI Black Tip
- Clough & Apache Varanus Island Repair Project
- BHP Pyrenees FPSO
- Clough & Apache MARS Compressor Upgrades
- Jemena NGP Pipeline
- Origin & Worley Parsons APLNG Plant Upgrade
- Origin Well Head Control Valve Upgrade Project

MINING

- Rio Tinto Hope Downs 4
- OceanaGold & GRDMinproc Globe Process Gold Project
- FMG & Fortescue Solomon Hub
- Rio Tinto Nammuldi Stages 1 and 2
- GR Engineering Fosterville Paste Plant
- GR Engineering Nova Nickel Process Plan
- Lycopodium Ity CIL Project

WATER & WASTEWATER

- WaterCorp & GHD Ravenswood Pump Station
- WaterCorp & SSWA Southern Desalination Plant Stage 1 & 2
- WaterCorp & ATJV Mundaring Water Treatment Plant
- WaterCorp & GHD Bungaroo Pipeline Integration Project
- WaterCorp & GHD Stirling Dam Pump Station
- WaterCorp & Clough Beeningup WWTP Water Injection Project
- WaterCorp & Advisian Cunderdin Pump Station
- WaterCorp & SACYR Neerabup Groundwater Treatment Plant

INDUSTRIAL

- Coogee Kwinana Chlorine Plant Expansion
- BHP Kwinana Nickel Valve Replacement Project
- Tronox Chlorinator Custom Designed Ball Valves

Contact Us

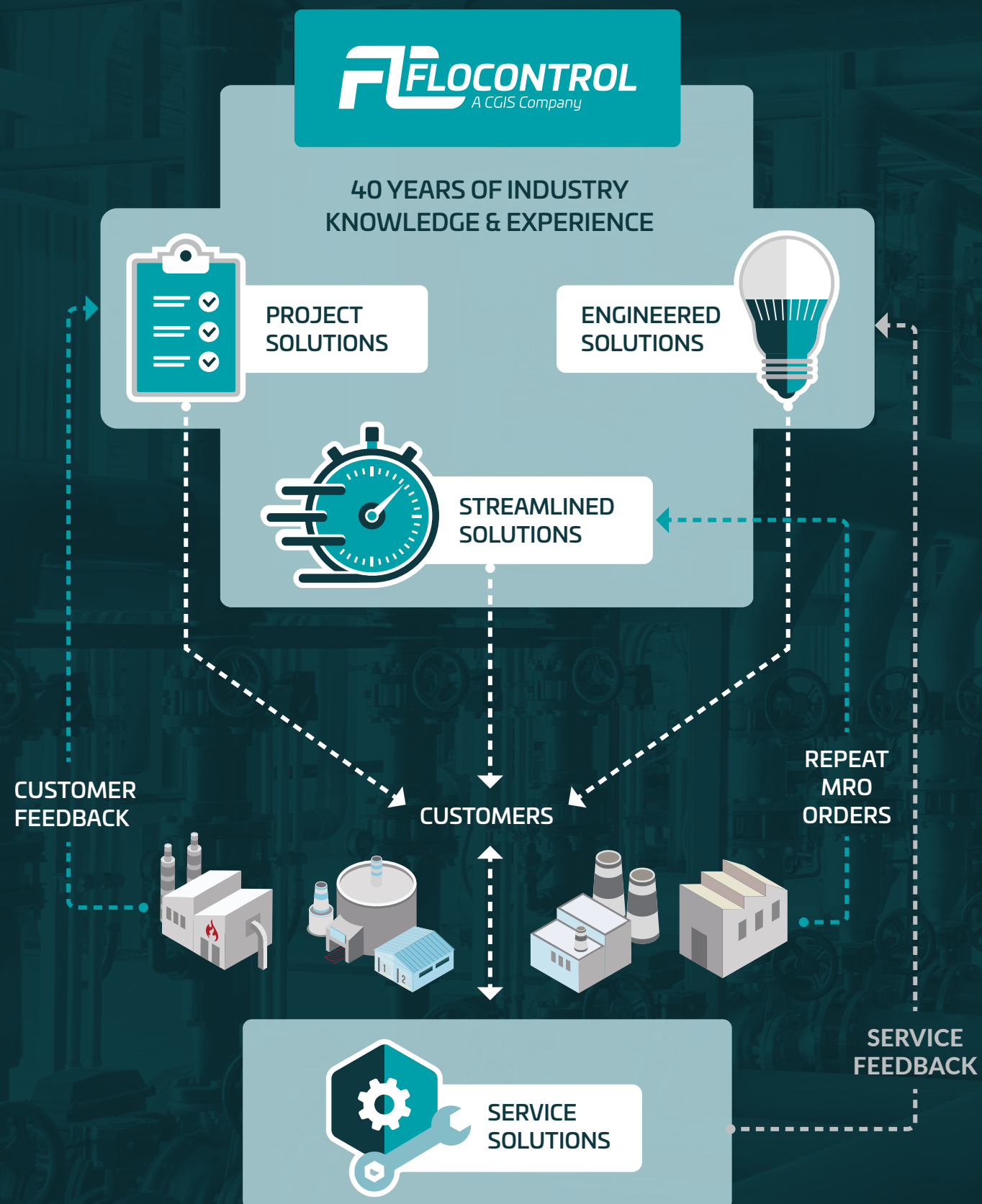
P 1800 FLOCONTROL (1800 356 266)

E sales@flocontrol.com.au

flocontrol.com.au



Business Streams



*Keeping
Business
Flowing*



flocontrol.com.au

R1-20250805