

rotork

focused

on reliability





rotork

the valve control experts the world over

Think of valve actuators and only one name delivers.

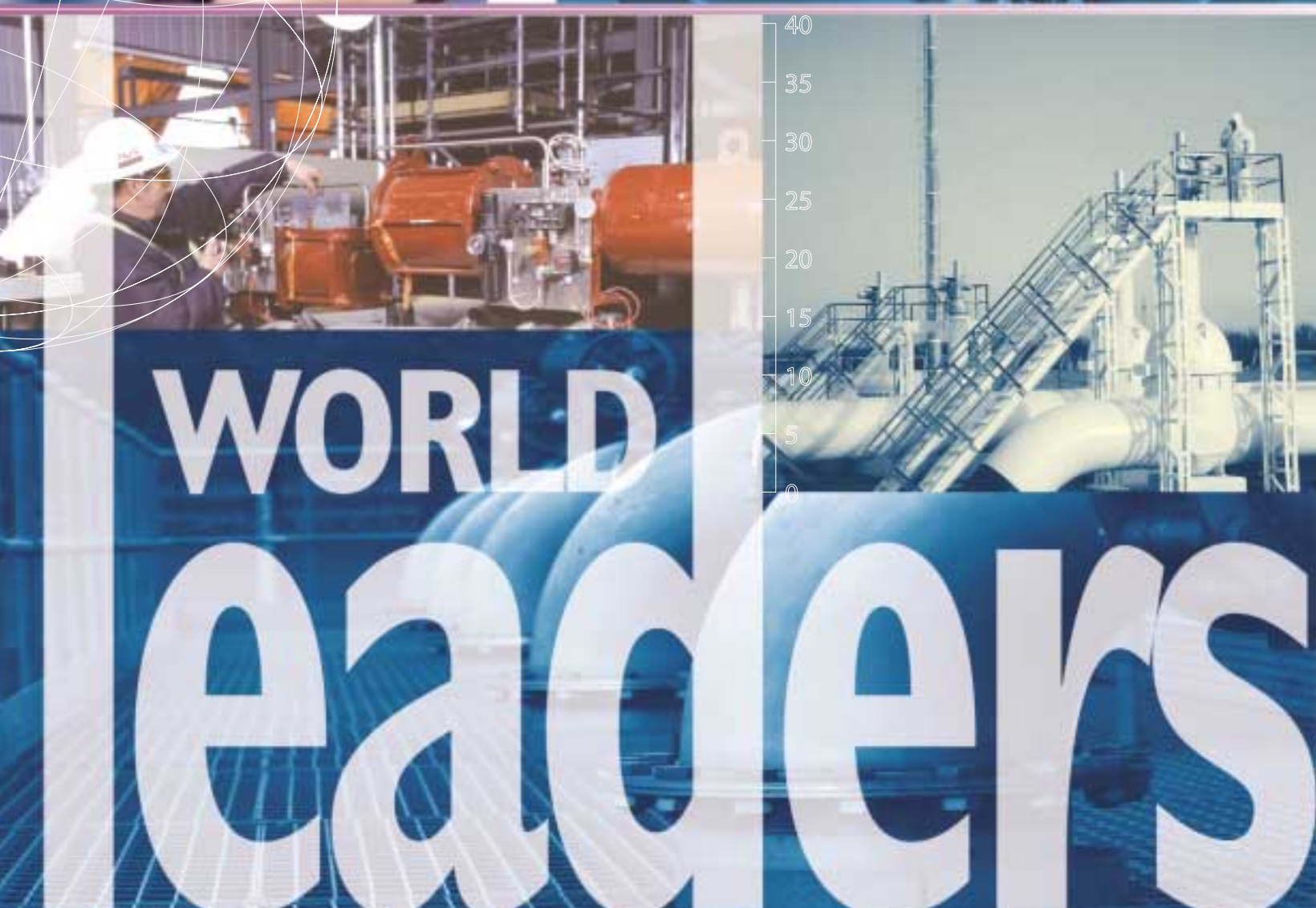
Rotork.

Why?

Because we specialise in valve actuation and nothing else.

And because it's all we do, we can focus fully on delivering the totally reliable products and services that our diverse customers and worldwide markets demand of us.

And as an independent company, we are able to work freely with every valve manufacturer without any constraints.



As a major manufacturer, we operate in every sector – water, power, petro-chemical, sewage and marine.

And we're involved in all the key areas of the actuator field - electrical, hydraulic and pneumatic - as well as manual and automated gearboxes, adaption kits, control systems and other related services.

We don't mass produce actuators to meet potential market needs; rather, we specify and manufacture them to satisfy our customers' individual requirements. Large or small, every actuator is designed to the very highest standards of reliability. As a result, our range covers products with the very latest technology, as well as those with lower levels of functionality. Whatever you need, you have all the expertise available from one source.

expect complete product reliability

At **Rotork** we firmly believe our reputation is based on reliability, backed by a proven and successful track record over many years.

After all, we're only as good as the actuators we sell.

Many of our installations are in hostile environments, so our actuators must keep working in the toughest situations. Like you, we know the consequences of failure, which is why we go to such great lengths to avoid it.

complete

reliability

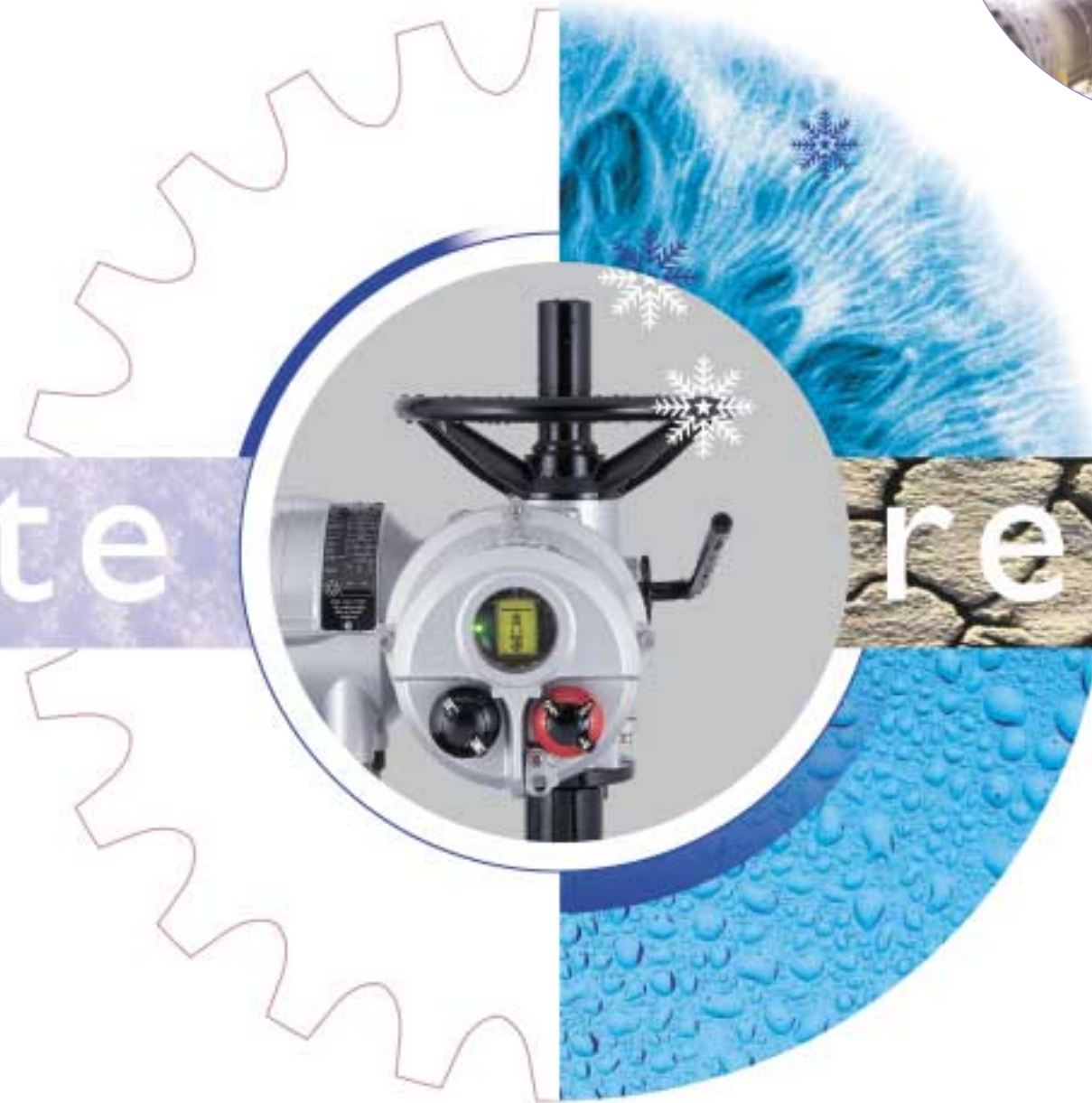
tested to the limits

Our product development teams ensure we design maximum reliability into every aspect of our equipment.

The result?

Probably the most reliable actuators that your business can depend on anywhere in the world.

Our manufacturing processes have also been developed to ensure absolute quality and total reliability, and every actuator is tested individually before it leaves our purpose-built production plants.



focused on Service

enjoy total service reliability

Supplying the best equipment is crucial to our success. Providing a totally reliable service is just as important. Everything from a quick response when sending quotations or parts, to delivering exactly on time, to commissioning, integrating and installing – we're dedicated to providing the highest levels of service and reliability.

complete documentation

We'll make sure you have all the right documentation covering standards, safety and product integrity – for every country, wherever you are in the world.

comprehensive support

Once everything's up and running, we'll ensure your equipment remains in top condition. Our customer base is global, and so too is our service and support network. Dedicated support teams ensure a quick response and fast and efficient resolution should problems occur.

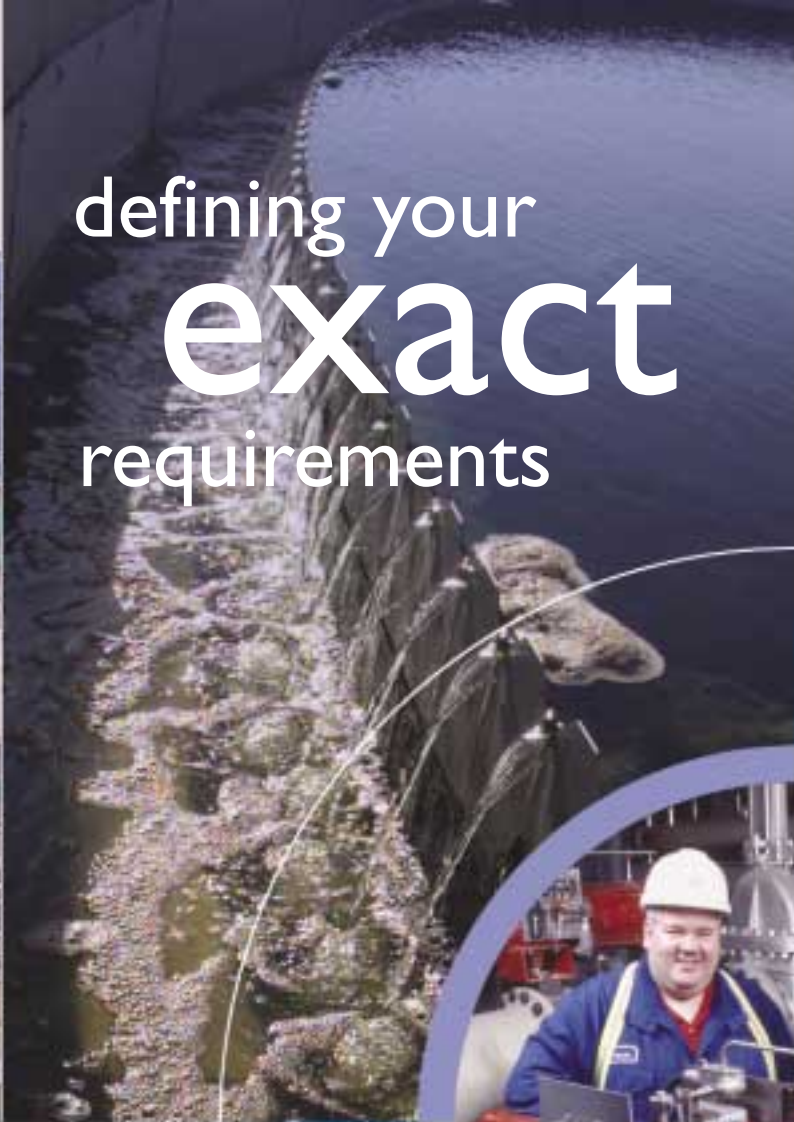
We stock a full inventory of spare parts, and our worldwide delivery service ensures you receive them quickly and efficiently – wherever you are. So you can minimise your own parts inventories and costs.

taking care of the details

Depending on your needs our engineers can check, maintain and certify your equipment regularly or on request. Every **Rotork** actuator is covered by our standard warranty programme, but we can design bespoke maintenance plans if necessary. Plus, we can also upgrade your existing actuators and their systems as part of your plant improvement programmes. We hold full records, by serial number, of every **Rotork** actuator ever produced.



defining your
exact
requirements



everything you
need to succeed

Our involvement can go further than just providing the actuator. We can also supply the gearbox, valve adaption kits and control systems to complement it. The actuators can be compatible with any one of many control systems and interact with other equipment as required.

the best
solution possible

Whether it's electrical, hydraulic or pneumatic, as the experts, we ensure you receive the most cost effective and best-engineered solution possible. Low long-term cost of ownership and peak performance go hand in hand with **Rotork**.

whatever you need,
wherever you are

Whether you're a site manager, a contractor or a valve manufacturer, our highly trained and experienced sales engineers can help select the right actuator in order to meet the specific needs of your project. Wherever you are in the world, they make sure you get the right specification for every application.

the knowledge
to help

No-one has more experience in producing valve actuators that deliver optimum, fit-for-purpose performance in any given situation - with **Rotork's** unique reliability guaranteed.



working with you

Besides all the specialist knowledge, industry experience and technical expertise we're still a people business. We have to be able to work well with our customers, to give you exactly what you want. We make on-site visits whenever needed to fully understand your requirements or to maintain your equipment.

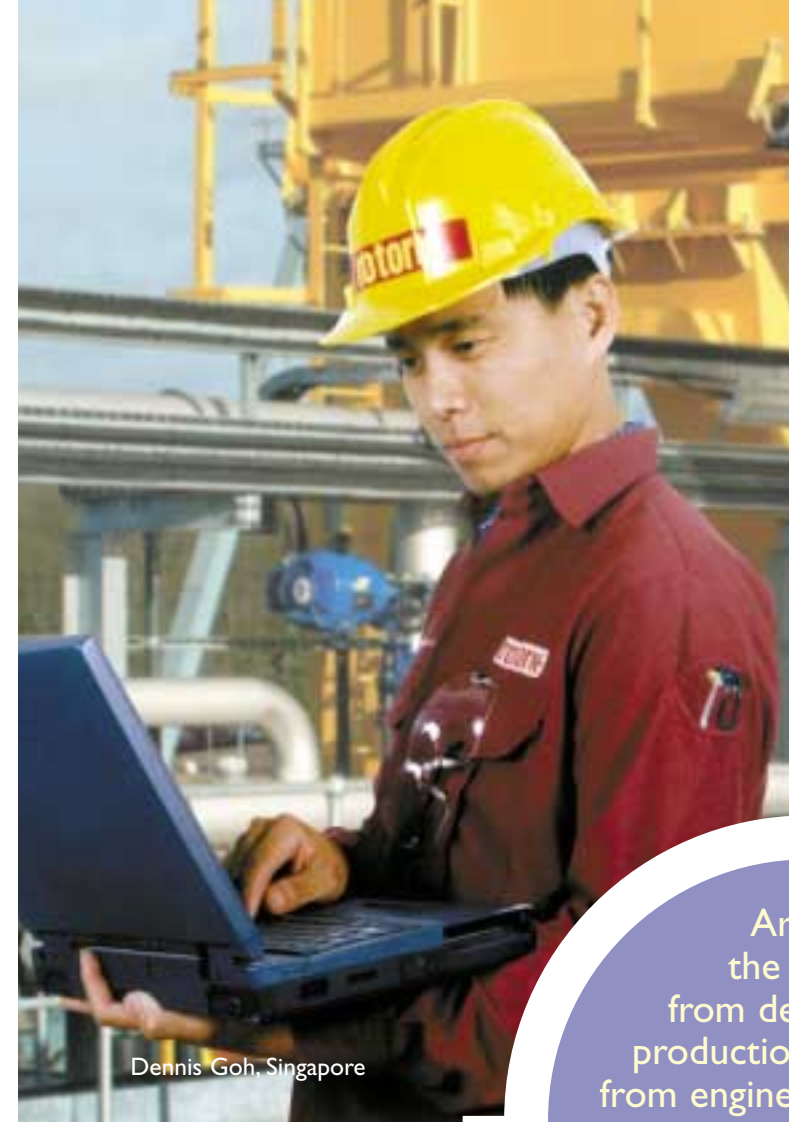
To meet our clients' exacting requirements and to support them in the difficult, hazardous and extreme environments they sometimes work in, our engineers and **Rotork** agents receive comprehensive and stringent training. They are skilled in digital control systems and used to working in classified areas and confined spaces.

people

you can do business with

Our production operators have many years of experience, and one person builds every actuator from start to finish, to your exact requirements.

We can install and commission actuators for you or support and advise your own engineers, providing training where required. And whatever language your staff speak, so will your **Rotork** engineer, so communication will always be easy.



Dennis Goh, Singapore



Alvaro Reyes, Venezuela

Around the world, from designers to production operators, from engineers to training managers, you have all the knowledge and expertise with **rotork**



Yolanda Blazquez, Spain

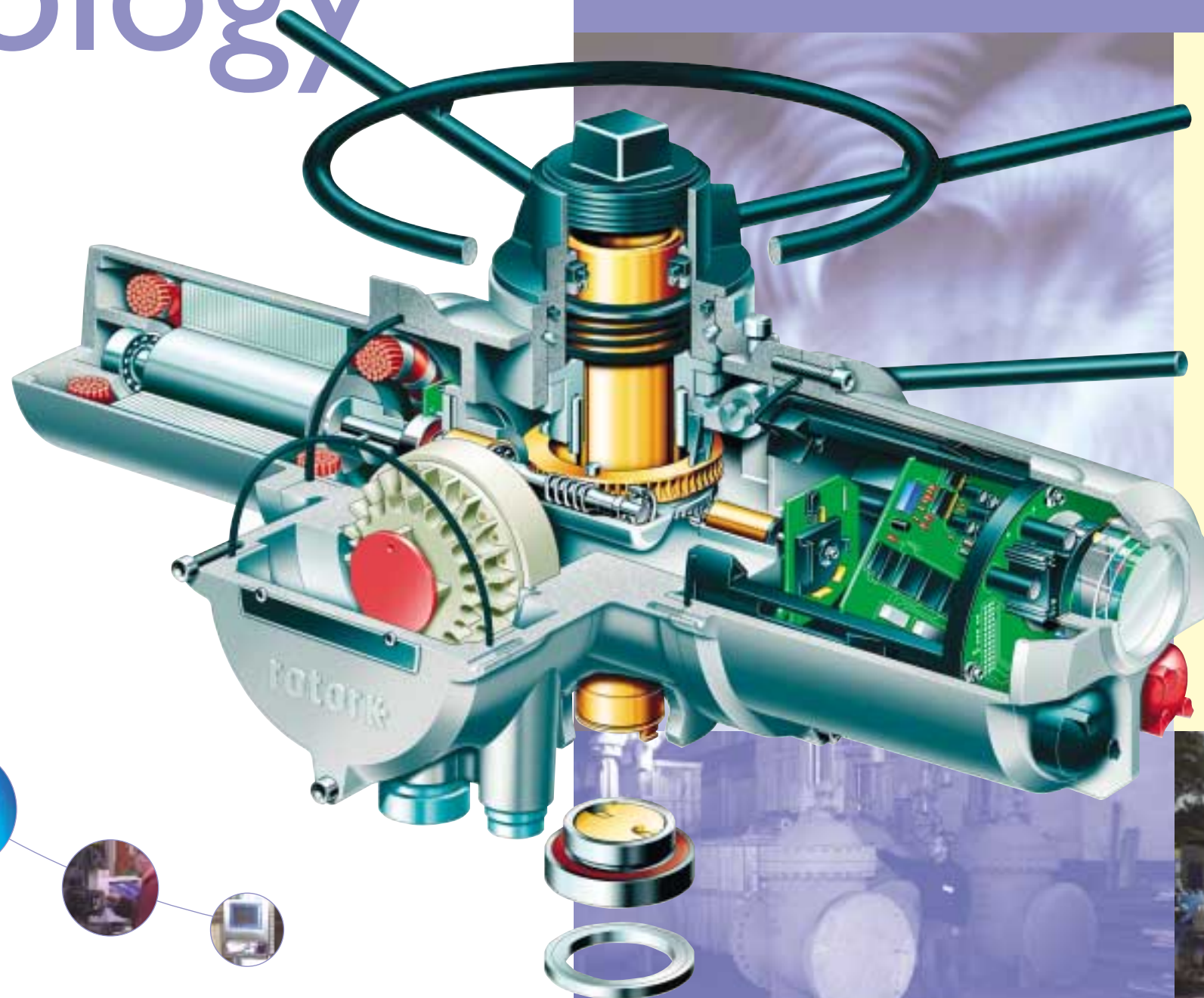


Graham Oliver, United Kingdom

Rotork has always been at the forefront of actuator technology. For example, our digitally controlled data logger provides local and remote monitoring of actuators, associated valves and systems. This reduces the time and cost implications of on-site visits and provides early warning of potential maintenance needs.

We're also investing in online services to meet your needs better. With technical information shown in different languages, you'll soon be able to view parts and drawings online, then order and track their status in real time on the internet. It's just one more example of our dedicated commitment to service.

leading the way in
technology



working with
contractors
and
valve makers

Having good relationships with contractors and valve makers is also vital to our success. As an independent organisation, **Rotork** works effectively with all valve makers. We understand the way they work, and the pressures they face and can help them honour their customer commitments.

Feedback from around the world shows that contractors and valve makers enjoy working with us too - a company with a high reputation for service quality and product reliability. What's more, our technological lead allows us to offer them the versatility they need when specifying.

Our fast quotation service, back-up warranties and international documentation also make contractors' and valve makers' lives easier. And, most importantly, we deliver when we say we will.

And because we understand the many applications of valves and actuators across many different industries, we're also a valuable source of knowledge and expertise.



oil and gas

whatever the conditions

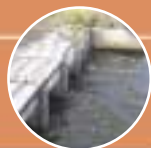
We understand how crucial it is to keep your systems operational at all times on land and at sea. We work across all areas including offshore, pipeline, on-shore facilities, refineries and petro-chemical, so our equipment is designed to meet your needs.



power stations

the power of control

We're experienced in power station processes and systems, whether it's traditional fossil fuel, oil or gas fired, combined cycle or hydro-electric. Our equipment is designed to meet your needs.



water

totally flexible

From reservoir and pumping stations, potable water treatment and filtration plants to ring mains and flood level control, we understand your needs.

- △ **Hazardous areas**
Our products are explosion and flame proof, and are ATEX approved or meet the relevant national certification.
- △ **Safety systems**
To help prevent accidents or failures, wherever possible we use intelligent protection systems including emergency shut down and automatic self diagnostic features.
- △ **Water and dust proof**
Our actuators are environmentally double sealed and can be set and interrogated non-intrusively.
- △ **Marine proof**
Paint finish and choice of materials offer full resistance in aggressive marine environments.
- △ **Temperature tolerant**
Our actuators can operate from -50°C to +70°C.

- △ **Dirty, dusty environments**
Our actuators are completely protected and enclosed, and do not need to be opened.
- △ **Heat resistant**
Our actuators work well on valves handling media at high temperature.
- △ **Unpleasant dangerous areas**
Our equipment is operated and monitored remotely, so no routine maintenance access is needed.
- △ **Restricted spaces and inaccessible areas**
Our equipment is low-maintenance, self-contained and compact, so it's ideal for small and hard-to-reach spaces.

- △ **Water purity**
Our equipment will not pollute your water supplies.
- △ **Sequence control**
Our actuators can control the sequences in filtration plants.
- △ **Unmanned sites**
Our equipment offers low maintenance and high reliability.
- △ **Water proof**
All equipment excludes water, even if temporarily submerged.

working
in the
toughest
environments
in every industry

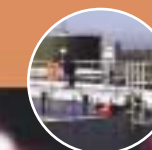
- △ **Freeing sticking valves**
Our actuators can offer increased torque with hammer blows on opening.
- △ **Emergency shut downs**
Our actuators operate perfectly after long periods of inactivity.
- △ **Operating heavy gates**
Our actuators have the torque required, and experience minimal wear.
- △ **Exposure to environment**
Our actuators are designed for years of trouble free operation in exposed and hostile environments.
- △ **Hazardous areas**
Our actuators are certified for use in hazardous atmospheres.

- △ **Marine proof**
Paint finish and choice of materials offer full resistance in aggressive marine environments.
- △ **Water proofing**
Our equipment excludes water even if temporarily submerged.
- △ **Exposure to environment**
Our actuators are resistant to salt water, high and low temperatures and hazardous gases.
- △ **Unpleasant dangerous areas**
Our equipment is operated remotely, so no routine maintenance access is needed.

sewage

fit for purpose

Our equipment is designed to meet all your sewage requirements.



marine

complete reliability

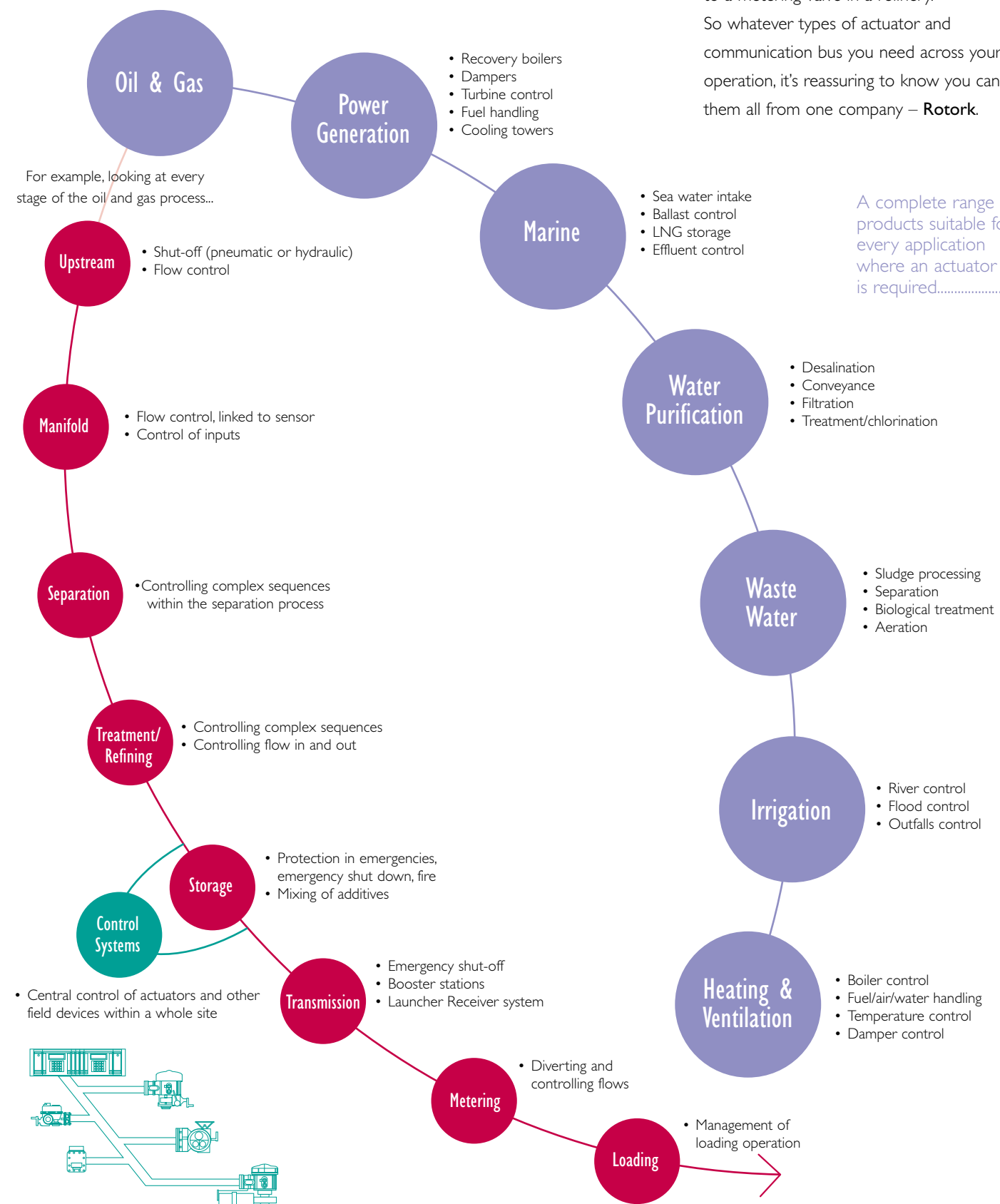
On oil platforms, ships and jetties, we have the experience and understanding to help you meet your actuator needs in the marine environment.



Supplying all your actuator and systems requirements

Whatever the project, if an actuator is involved we can supply equipment and full support - from a small steam pipe on a boiler to a very large water pipe supplying a city; from an emergency shut down on an offshore platform to a metering valve in a refinery.

So whatever types of actuator and communication bus you need across your whole operation, it's reassuring to know you can source them all from one company – **Rotork**.



A complete range of products suitable for every application where an actuator is required.....

electrical actuators and systems

- Easy to install and commission
- Clean
- Non intrusive setting
- Very controllable
- High level of management information about actuator and valve
- Low maintenance
- Operating all sizes of valve and pressures
- On-off or regulating duty
- Versatile control and monitoring
- Wide range of Bus Comms compatibility



pneumatic and hydraulic actuators

- Quarter turn and linear
- Widest range of torque, thrusts and sizes
- Emergency shut down
- On/off, proportional control
- Flexible operating times
- Powered by a range of mediums - gas, oil, water...



gearboxes

- Modulating and isolating duties
- Widest range of torque and ratios
- Manual operators
- Actuator gearboxes
- Multi turn - bevel spurs
- Quarter turn worm and wheel



specialised electric actuators

- Linear and rotary actuators
- Ideal for dampers, slide valves
- Wide range of actuators for control valves
- Small linear actuators for control valves
- Large damper actuators
- Fast acting accurate positioning
- Continuous modulation



electro-hydraulic actuators

- High modulation
- Combines the ease of electrical connectivity with the precision of hydraulic
- Small self contained units
- High torque
- Fast acting
- Precise positioning accuracy



valve adaption

- Interface between actuator and valve, to suit all our actuators and all valves
- Fit new or existing valves
- Enable upgrading of actuators on existing valves
- Standard adaption
- Bespoke engineered solutions



rotork global operations

Rotork's worldwide manufacturing operations cover all your needs for actuators and associated equipment.



Rotork Electrics

The manufacture of heavy duty electric valve actuators is traditionally **Rotork's** core business and we're now the world's largest independent manufacturer of them as well as being the leader in the application of electronics technology. The electrics group has manufacturing plants in Bath; Rochester NY; Chennai and Bangalore, India.

Bath supplies product worldwide, while North and South America are mainly supplied from Rochester. Chennai and Bangalore supply the indigenous Indian market. The Bath site is also the group head office and the centre for Research & Development.

Rotork Fluid System

Rotork Fluid System manufactures fluid system actuators in Lucca, Italy and Rochester NY. It also prepares packaged solutions tailored to specific customer requirements at these locations and at centres of excellence located in Leeds UK, Toronto, Calgary, Singapore, San Francisco and Houston. **Rotork Fluid System** manufactures hydraulic and pneumatic scotch yoke actuators, together with linear and rack and pinion units in ductile iron and fabricated steel.



Rotork Gears

An alliance of three companies - Alecto, Exeeco and Rotork Valvekits - **Rotork Gears** is dedicated to the supply of valve gearboxes, adaptation and accessories to the international valve and actuator industry. Under the **Rotork** umbrella, each company provides cost-effective tailored solutions for all applications. **Rotork Gears'** operation is committed to leading the valve accessories market, whilst maintaining the unique strengths of the individual companies.



Jordan

Based in Milwaukee USA, **Jordan Controls Inc** designs and manufactures high quality durable rotary and linear actuators for trouble free performance under the most demanding conditions. **Jordan** has been a supplier of customised electric and electro-hydraulic actuators and services to the power generation, process control and industrial automation markets since 1955.



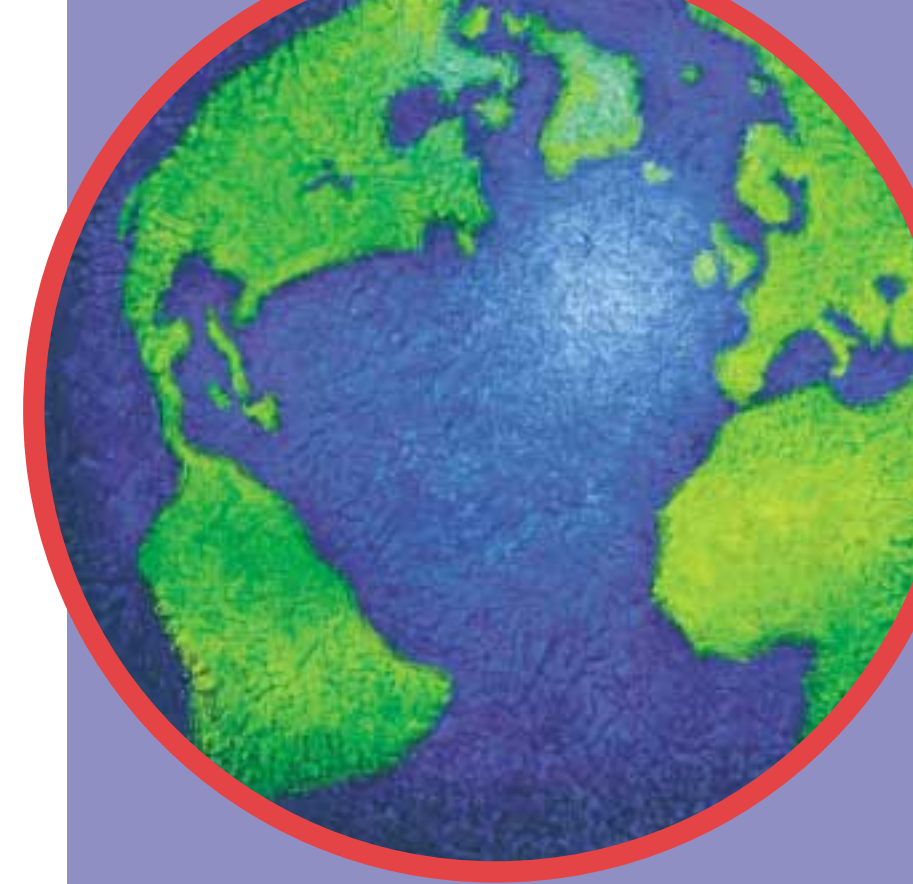
Skilmatic

Rotork Skilmatic offers linear and quarter turn electro-hydraulic actuators from our manufacturing site in Leeds UK. **Skilmatic** actuators benefit from over 20 years development in modulating and safety shut down environments. They are robust self-contained electric units offering the simplicity of electrical operation with the precision of hydraulic control.



Rotork Control & Safety

Rotork Control & Safety is a leading supplier of Integrated Control and Safety Systems to the process industries. We have over 26 years' experience in supplying equipment and services that have enabled our customers to achieve enhanced performance and secure control of their processes.



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Rotork's operation is truly global. We have over 20 operating divisions around the world, and appointed agents in many other countries – so wherever you are, **Rotork** is there too.

To find out more
about how
rotork[®]
can deliver the
actuator and
service reliability
you deserve
please contact your
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