cetix



Engineering safety. Powering performance.

We design, build and maintain automation control systems that keep critical industries running safely, efficiently, and without interruption.

Our story

Cetix has been through several iterations during its 40-year history, beginning life as Salem Automation before moving through a series of Norwegian acquisitions, and eventually becoming part of a larger group. The company has always been driven by engineers rather than sales teams, shaped by people who've built their careers inside real operational environments, and have a deep understanding of how critical control systems behave under pressure.

Today, our team supports both new and legacy systems, particularly across oil, gas and energy. Much of our work comes from long-standing relationships and a reputation for solving complex issues, maintaining ageing infrastructure and keeping essential operations running. Our focus is on delivering reliable upgrades, structured engineering support and the steady guidance clients depend on when continuity and system performance matter most.



"I'm incredibly proud to lead the team we have today. The depth of talent, technical knowledge and professionalism across the business is something I genuinely don't take for granted.

Whether we're supporting new installations or keeping legacy systems running across oil, gas and energy, our team brings a level of understanding that only comes from years spent solving difficult problems in demanding environments. Many of our client relationships go back decades, and that says everything about the people who deliver the work.

Our focus remains where it has always been: reliable upgrades, structured engineering support and being the steady hand our clients turn to when continuity and performance really matter. I'm looking forward to what comes next, and to working alongside the talented colleagues and long-standing partners who make it all possible.

P.Deehan

Paul Deehan

Chief Executive

What we do



Protect

We design systems that safeguard people, assets and the environment. Our solutions identify risks early and trigger the right response automatically, preventing faults before they escalate. From process control, fire and gas detection to network security, protection is built into everything we do.



Automate

We help clients improve productivity, accuracy, uptime, profitability and more through intelligent automation. Our engineers integrate advanced control systems that streamline operations and eliminate unnecessary manual intervention. The result is a safer, faster and more reliable process from end to end.

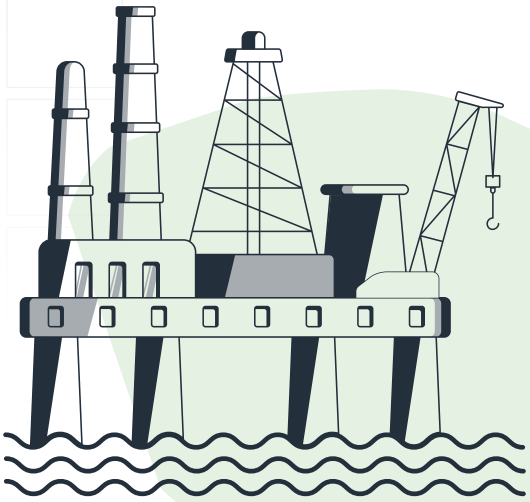


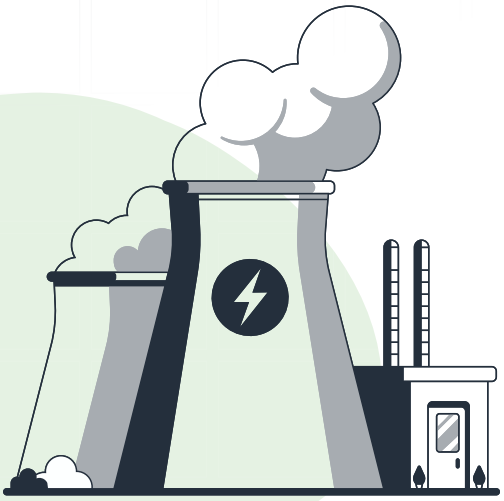
Support

We keep control systems running at their best long after installation. Our team provides ongoing maintenance, upgrades and remote diagnostics for both new and legacy infrastructure. 24/7 response is available whenever it's needed, ensuring minimal downtime and maximum confidence.

Oil and Gas

From offshore platforms to production facilities, we deliver control and automation expertise across a range of environments where safety, reliability and performance are non-negotiable.



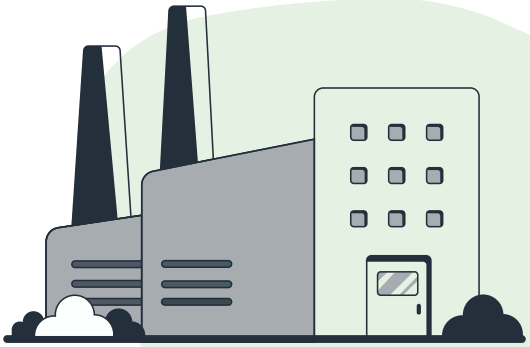


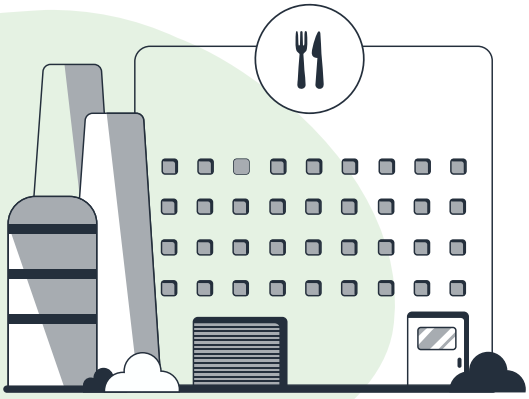
Power and Energy

Intelligent control solutions that improve generation efficiency, strengthen grid stability and ensure reliable performance across conventional, nuclear and renewable energy.

Manufacturing

Automation that increases productivity, reduces downtime and ensures precision across complex production processes.



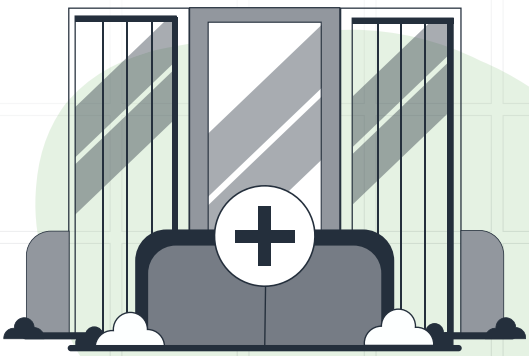


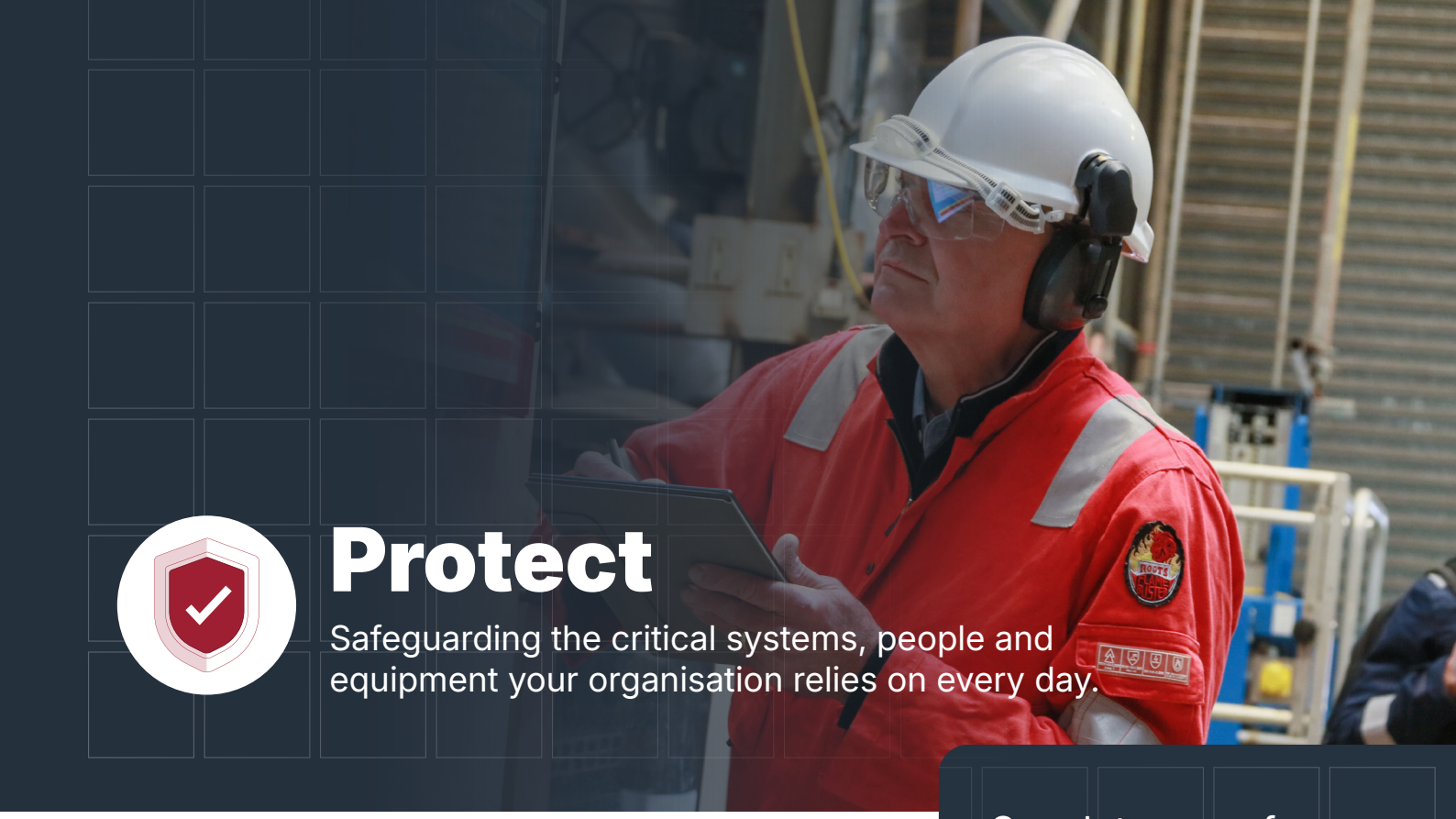
Food and Beverage

Automation that maintains quality, safety and uptime in fast-moving production environments.

Pharmaceuticals

Reliable, compliant systems that guarantee precision, traceability and safety in highly regulated operations.





Protect

Safeguarding the critical systems, people and equipment your organisation relies on every day.

A comprehensive approach to protection

Protection covers the full spectrum of risks that sit across an industrial operation. It involves understanding how people interact with equipment, how the environment could be affected if something goes wrong, how robust your physical assets are and whether your control system can be influenced in ways it shouldn't. Each of these areas presents different challenges, so the work begins by looking at how the entire operation behaves in practice.

We assess the interactions between systems, the behaviour of equipment during faults, the movement of information across networks and the safeguards already in place. This gives a clear picture of where gaps exist and where improvements will have the greatest impact. Once those risks are mapped, we implement targeted measures that strengthen the reliability and safety of the operation as a whole.

Speak to one of our **protection** experts



Mark Shaw
Technical Solutions Consultant

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Why protection matters

When protection measures fall short, consequences tend to escalate quickly. People can be harmed, equipment can fail and environmental impact can occur long before the fault is fully understood. Strengthening protection reduces these risks and supports a more predictable, stable operation.

It also provides reassurance to regulators, insurers and stakeholders who increasingly expect operators to demonstrate clear, well-structured safety and integrity practices. Strong protection is now seen as an essential part of responsible operational management.

Key benefits

- Safer working conditions across operational areas
- Lower likelihood of environmental incidents
- Better protection for high-value equipment and infrastructure
- Greater control over who can influence system behaviour
- Improved readiness for audits and compliance reviews

Protecting people

Every control action has a direct or indirect effect on the people working around it. When responses trigger unexpectedly or fail to activate at the right moment, personnel face unnecessary hazards. We review the logic behind alarm systems and automatic reactions to ensure they genuinely support safe working conditions and reduce exposure to potential harm.

We also consider how operators interact with the system and whether the information they rely on is clear, timely and accurate enough to support safe decision-making.

What we deliver

- Analysis of how control actions affect on-site personnel during normal and abnormal conditions
- Review of alarms and shutdown responses to ensure safe behaviour
- Verification that protective systems activate correctly and reliably
- Improvements to operator interfaces and information clarity
- Recommendations for procedures that reduce human exposure to system-related risks

Protecting infrastructure

Your infrastructure is made up of assets that are expensive to repair and difficult to replace. When control logic behaves unpredictably or equipment is allowed to operate outside safe limits, the impact can be immediate and costly.

We examine how commands reach critical components, how faults propagate and whether protective devices are configured correctly. This work helps prevent avoidable damage, extends equipment life and supports more consistent production without unexpected mechanical failures.

What we deliver

- Assessment of how control actions interact with critical machinery and long-service assets
- Identification of operating conditions that may push equipment beyond safe or intended limits
- Review of failure modes and how faults propagate through interconnected systems
- Improvements to protective logic, sequencing and response timing to reduce equipment strain
- Recommendations that support asset longevity, reduced downtime and more predictable performance

“I’d like to say thank you to the Cetix team for their support in completing the design, supply and commissioning of two RTU panels, going above and beyond to deliver with a ‘nothing’s a problem’ attitude that’s hard to find in many workplaces today.

Anonymous

Protecting the environment

Environmental impact is often the consequence of a sequence of events rather than a single failure. A slow response, a missed alarm or an uncontrolled release can lead to outcomes that extend far beyond the site boundary. We assess how your system detects irregularities, what it does next and whether those actions meet regulatory expectations.

Strengthening these responses reduces the likelihood of environmental incidents and helps ensure that your operation aligns with both industry standards and public expectations.

What we deliver

- Assessment of how process faults could lead to environmental impact
- Review of detection, containment and isolation capabilities within the control system
- Strengthening of automatic responses to prevent uncontrolled releases
- Alignment of system behaviour with regulatory and environmental expectations
- Documentation and reporting support for audits, regulators and incident prevention programmes

Protecting system integrity

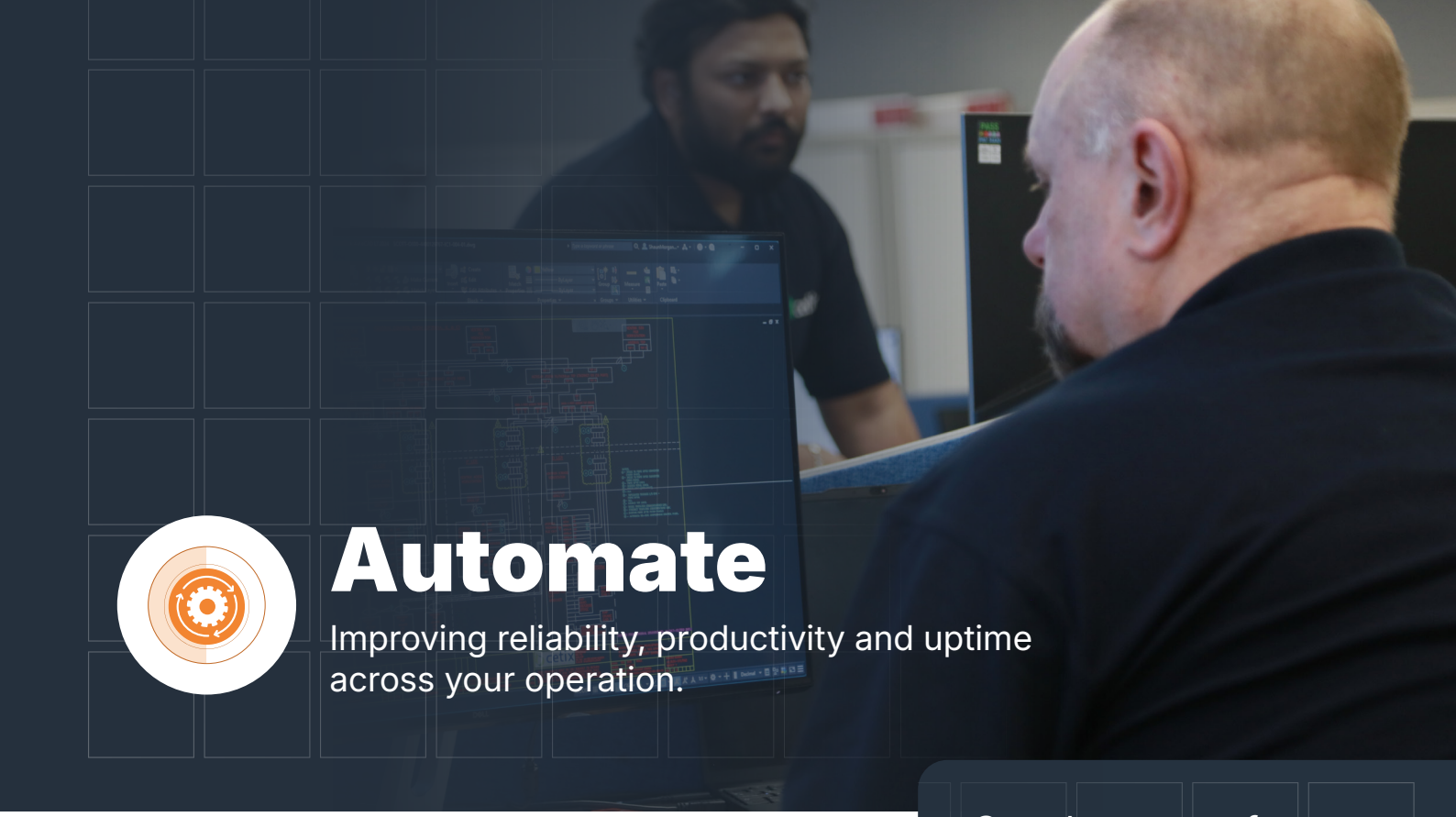
Modern operations rely heavily on connected systems, remote access and a mix of old and new technologies. That connectivity introduces exposure that's often underestimated.
We identify weak points in access routes, interfaces, authentication processes and legacy configurations that can create opportunities for misuse or accidental interference.

By tightening these areas and improving how the system verifies actions, we ensure only trusted instructions can influence the operation, regardless of how the wider network behaves.

What we deliver

- Reviews of control system architecture and communication routes
- Identification of weak points across networks and remote access paths
- Security hardening for operational technology environments
- Clear rules for permissions, access levels and system interaction
- Documentation updates and compliance support where required





Automate

Improving reliability, productivity and uptime across your operation.

Smarter control. Stronger performance.

Modern operations rely on systems that react quickly, hold steady under changing conditions and maintain output throughout the day. As processes grow more complex, it becomes harder to keep everything aligned without structured automation.

Speak to one of our **automation** experts



Martin Keay
Technical Sales Director

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Small variations can build into wider issues that slow production, affect quality and force operators into firefighting mode. Our Automation service brings consistency back into the workflow by ensuring your systems behave predictably, with the right response at the right moment.

We examine how your processes respond to change, how information moves between equipment and where delays or inconsistencies appear. Once we understand the working behaviour of the system, we refine the underlying logic to ensure performance remains stable, allowing operators to spend less time compensating for irregularities.

The importance of automation

When systems are left to run with limited or outdated automation, the operation often absorbs the impact quietly at first. Timings drift, performance becomes patchy and teams rely more heavily on manual intervention to keep things moving. Over time this leads to slower output, quality issues, unnecessary stoppages and equipment working harder than intended.

For many sites, the result is a steady rise in running costs, more downtime, missed deadlines and a growing reputational risk when reliability starts to slip. Automation prevents these problems by giving the operation a stable backbone that responds consistently, even when conditions change.

How we approach automation

Every operation behaves differently, so we start by understanding how your system actually runs rather than relying on assumptions or generic templates. Our engineers review the sequence of actions, the way equipment communicates and the conditions that cause performance to drift. This gives us a clear picture of where improvements will make a meaningful difference.

Once the behaviour of the process is understood, we refine the control logic with changes that support stable, predictable output. Nothing is adjusted for the sake of it. Each modification is chosen because it improves response, reduces strain on equipment or removes the need for unnecessary manual intervention. The aim is to leave you with a system that performs cleanly, is easier to operate and provides the information your team needs to make confident decisions.

> **I am writing to acknowledge the excellent performance of Cetix and CSE Resources during the mobilisation to site.**

Duncan Hutton
Phase 2 & PMRU Project Manager, TouatGaz

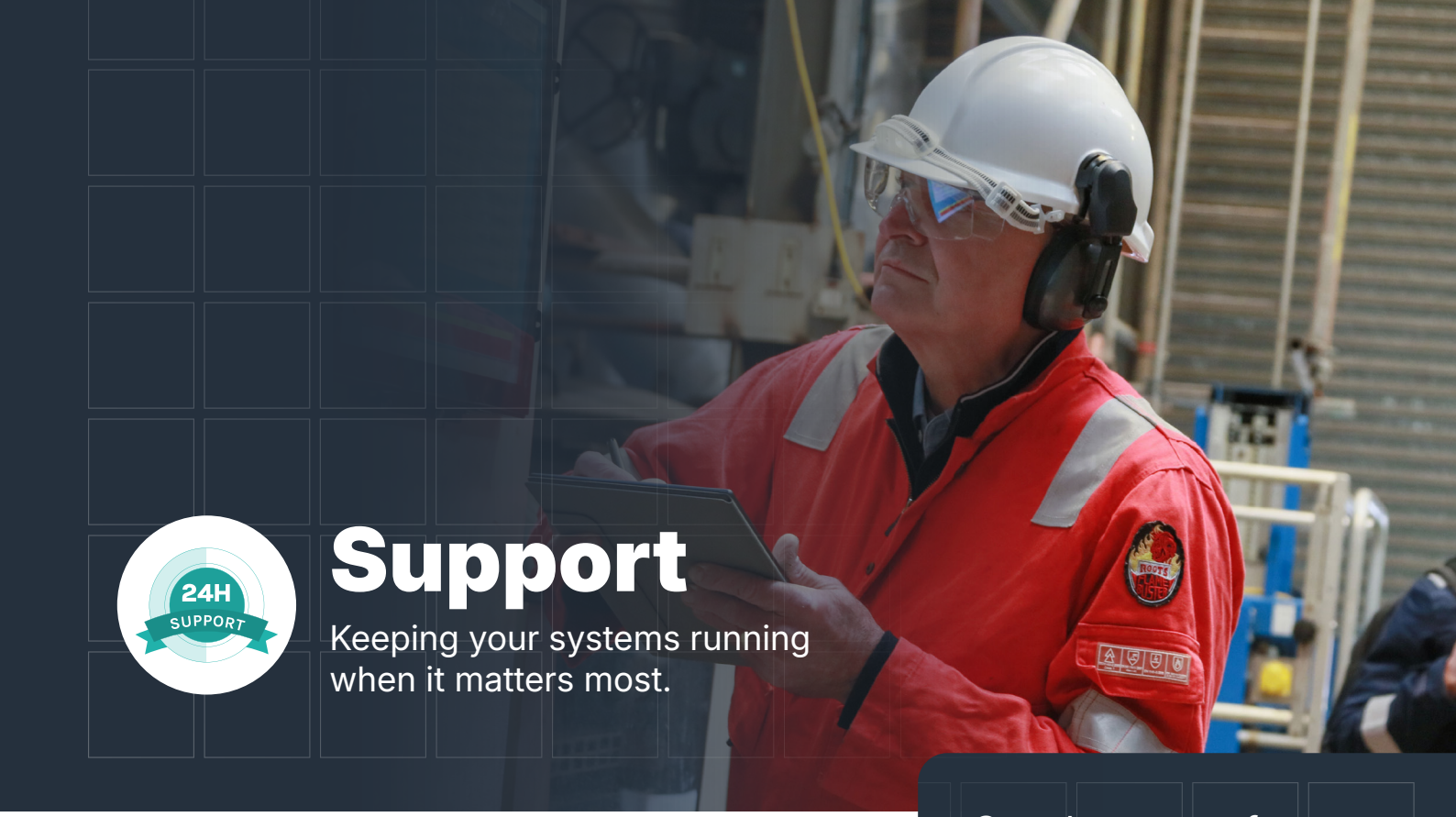
What we deliver

- Design and optimisation of automated control systems
- Improvements to existing and legacy automation
- Performance tuning that reduces variability
- Logic adjustments that support faster, more accurate responses
- Clear diagnostics that help operators make informed decisions

Key benefits

- More reliable and predictable system behaviour
- Fewer interruptions and smoother workflow
- Better use of existing equipment
- Clear visibility of how processes are performing
- Improved operational and financial returns





Support

Keeping your systems running when it matters most.

Keeping critical systems dependable

Control systems need consistent attention throughout their working life. Issues can arise without warning, components age at different rates and older configurations often behave unpredictably under new demands. Our Support service is available to any organisation, whether the system was built by Cetix or by another supplier entirely.

We provide tailored support that fits your unique situation. Some clients need urgent help because their existing supplier is unavailable. Others want a steady partnership that includes remote access, planned maintenance and regular specialist input. At the highest level, we deliver continuous coverage with 24-hour callout, rapid on-site attendance in remote locations and ongoing assessments that help prevent failures before they start to build.

Yes – even if that means jumping on a helicopter at short notice to head out to a platform in the middle of the North Sea. We've done it before and we'd do it again. When we say comprehensive support, we mean it.

Why support matters

Issues inside a control system rarely stay small. When they are handled quickly by someone who understands how the logic works, downtime is limited and equipment remains within safe limits. When they are missed or delayed, the impact grows. Proper support prevents faults from escalating, maintains stability and protects assets that are critical to daily operations.

Support also provides long-term value. Well-maintained systems can run longer without major investment, giving operators confidence that their equipment will continue performing reliably even as conditions change. With experienced engineers available when needed, your team can focus on running the operation rather than reacting to unexpected problems.

Speak to one of our **support** experts



Donna Eyre
Strategic Partnerships Manager

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How we approach support

Every system has its own behaviours, history and vulnerabilities, so we begin by examining how your equipment is performing now and how it is likely to behave under varying conditions. With this understanding, we build a support approach that strengthens the areas where failures tend to originate.

Cetix is not tied to any single manufacturer. This independence allows us to work across a wide range of equipment and technologies, which is essential for sites that rely on systems from different suppliers or those that have evolved over many years. Our engineers can identify issues within mixed environments, prescribe sensible improvements and manage interactions between components that were never originally designed to work together.

Support can be reactive when you need immediate help to get a system back on its feet, but it can also work proactively through planned maintenance and early fault detection. The proactive side is often the most valuable as it reduces the likelihood of the issues that tend to cause downtime in the first place. Addressing a developing problem before it interrupts production is far more efficient than recovering from a failure that has already stopped output. This approach protects equipment, keeps operations steady and avoids the cost and disruption that come with unexpected breakdowns.

What we deliver

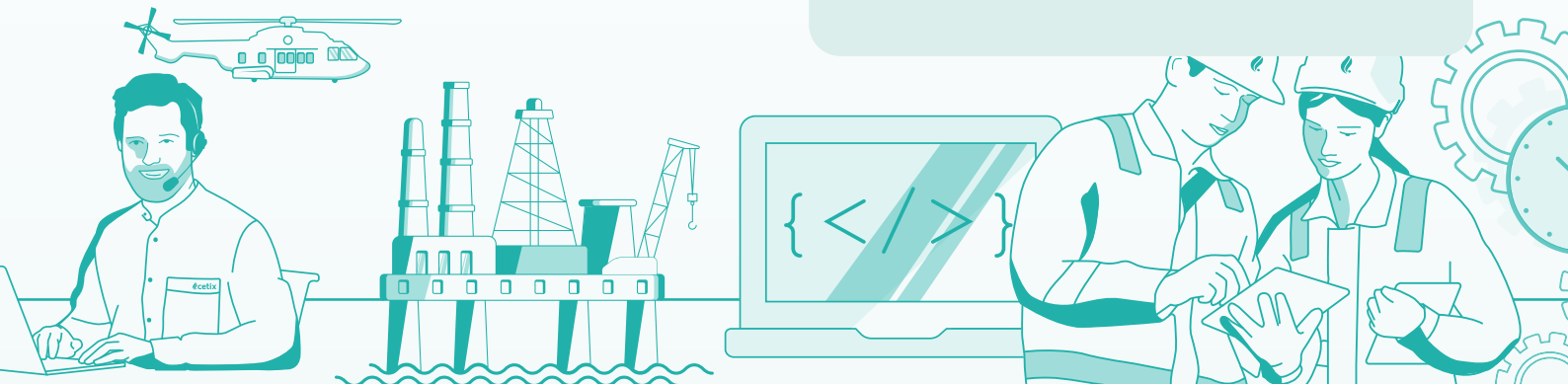
- Fast diagnostic support for urgent, ad hoc issues
- Flexible support packages tailored to each client
- Remote access troubleshooting and guidance from experienced engineers
- 24/7 rapid response, including offshore and difficult-to-access locations
- Proactive monitoring and preventative maintenance
- Coverage for new, legacy and mixed-manufacturer systems
- Documentation updates, system checks and ongoing optimisation
- Keeping systems updated with software patches and security updates
- Addressing obsolescence issues in a timely manner

> **I'd just like to thank you and your team, Mark, Anna and Simon, for executing this scope in such a short timescale.**

Bob Fraser
I&C Engineer, CNOOC

Key benefits

- Fast, informed response when faults occur
- Proactive maintenance that reduces unexpected failures
- Flexible support packages matched to each operation
- Coverage across all manufacturers and equipment types
- Greater operational continuity and less downtime





Why choose us

From concept to commissioning and beyond, we work alongside your team to deliver robust control and safety systems that perform in the real world.

Experience That Runs Deep

Our engineers have decades of real-world experience building, maintaining and improving complex control systems.

Certified to Deliver

Our work is carried out to ISO standards and supported by CASS, Achilles and SEQual accreditations.

System Agnostic Specialists

From Allen-Bradley to Siemens and everything in between, we choose the technology that best fits the project.

Improved ROI

We optimise both new and legacy systems to deliver stronger output, more uptime and a faster payback period.

24/7 Support

Continuous monitoring, rapid response and on-call maintenance to keep your systems running when it matters most.

Customer Satisfaction

We put our clients' happiness first, proven by a number of loyal partnerships which have lasted between 15 and 30 years.

Our values, certifications and accreditations

Engineering first

We approach every project with an engineering mindset. Decisions are based on evidence, industry practice and what's best for the long-term health of the system and all those it affects.

Accountability

If we design it, install it or support it, we stand behind it. Our accreditations reinforce this, and our testimonials speak for themselves, but the real proof is in how our systems perform out in the field.

Independence

We don't push technology for the sake of it and we're not tied to one particular manufacturer. Being system agnostic means we choose what genuinely fits the application, the people who operate it and your budget.

Practicality

We focus on practical solutions that work in the real world. If a change adds risk, unnecessary complexity or cost, we'll say so.

Long-term thinking

We build systems and relationships that last. Many clients stay with us because we support them long after the project ends, and we treat every system as if we were the ones responsible for operating it.



CfA Centre for Assessment ISO 9001 23/3516

CfA Centre for Assessment ISO 14001 Environmental Management

CfA Centre for Assessment ISO 45001 23/3517

CYBER ESSENTIALS CERTIFIED PLUS

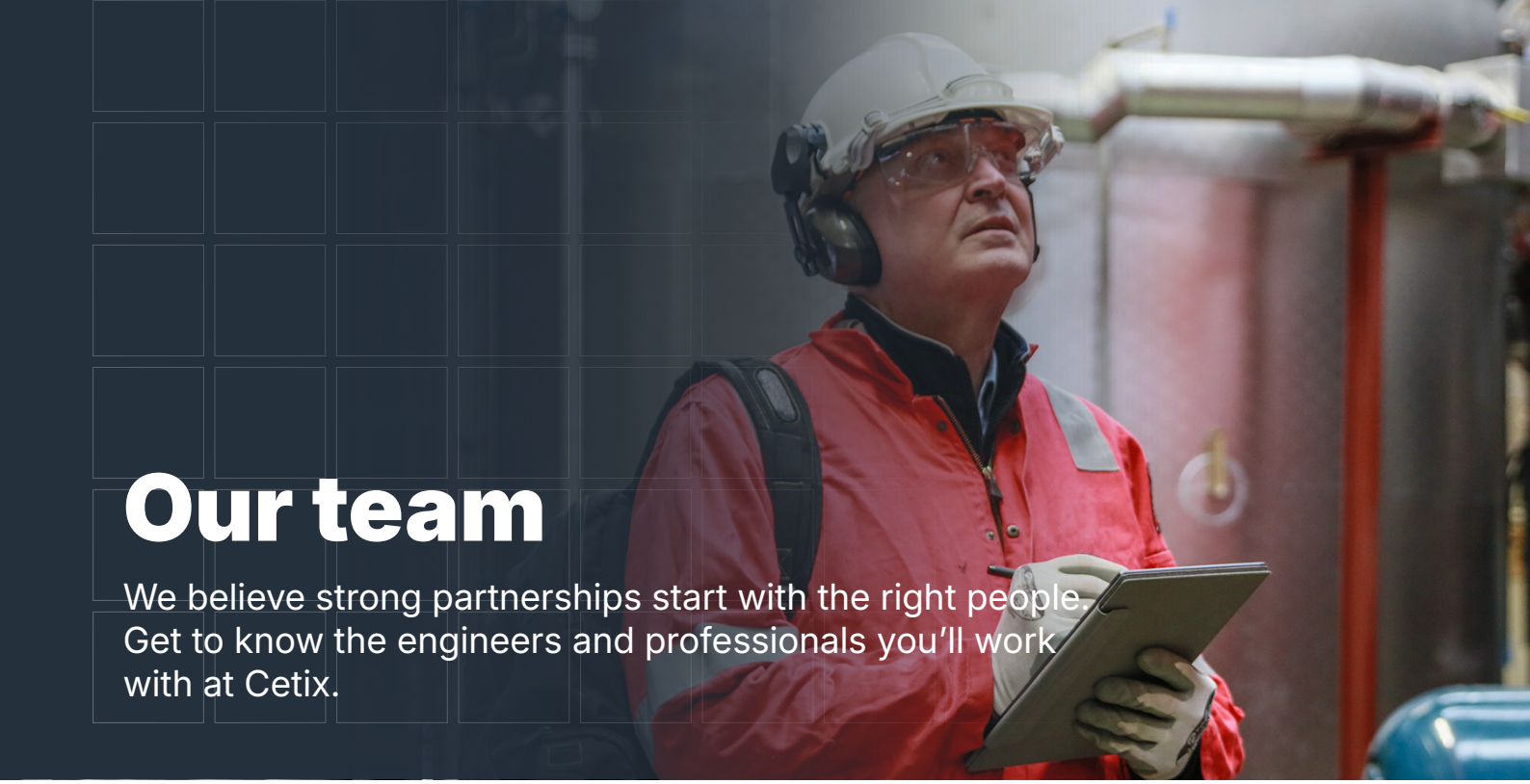
cass Integrity Transparency Consistency

Achilles UVDB VERIFIED

Achilles UVDB SILVER PLUS

Achilles Global Energy GOLD

SEQual



Our team

We believe strong partnerships start with the right people. Get to know the engineers and professionals you'll work with at Cetix.



Paul Deehan
Chief Executive



Ken Brown
Engineering Director



Martin Keay
Technical Sales Director



Joshua Temple
Head of Engineering



Paul Storr
HSEQ Manager



Donna Eyre
Strategic Partnerships Manager



Mark Shaw
Technical Solutions Consultant



Joshua Dawson
Project Manager



Shiraz Mohamed
Project Manager





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