



SPECIALIST ENGINEERING RESOURCES

INDUSTRY SECTORS

CXControls is a leading provider of engineered solutions to regulated industries.

Our consultancy services provide a range of industry specialists to lead and assist at every stage of an engineering project, from optioneering and tender support through to project execution and management, commissioning, handover, and operations.

Quite often, the need for part-time specialists arises in a project, and they are not readily available within the project team. CXControls are able to provide in-house solutions or 'source and place' quality expertise from our pre-validated partners.

OUR MARKETS

Our markets include Manufacturing, Process Industries, Energy, Utilities, and highly regulated fields such as:

- ✓ **COMAH-Chemical/Oil & Gas:**
CXControls operates on COMAH Tier 1 sites, providing compliant control system solutions to this highly regulated environment.



- ✓ **HAZARDOUS PLANTS – ATEX:**
CXControls delivers control and automation solutions compliant with ATEX directives, ensuring safe operation in explosive and hazardous environments.



- ✓ **NUCLEAR:**
CXControls understands the requirements and gated processes that govern regulated industries, operating in nuclear power generation, reprocessing, decommissioning and defence.



- ✓ **PHARMACEUTICAL:**
CXControls provides engineered and control solutions in the Life Sciences and Bio-industries and is fully compliant with GAMP 5.



- ✓ **MANUFACTURING AND MACHINE BUILDING:**
CXControls designs and integrates bespoke control systems to enhance machine performance, safety, and reliability across diverse industrial applications.



SPECIALIST ENGINEERS & SUBJECT MATTER EXPERTS

CXControls provides specialist Subject Matter Experts (SME) consultants for key stage activities in the specification, design, project execution and commissioning phases.

OUR SPECIALIST ENGINEERS:

The nature of specialist consultancy activities often requires input at various stages of the project lifecycle. CXControls can offer specialist consultancy services for fixed or recurring durations under an NEC4 contract or a B2B consultancy agreement. Deployment for personnel can be charged on a daily, weekly, or fixed-term basis.

Our Services include:

○ **Functional Safety Consultants** TUV Certified Professionals & TUV Certified Engineers who can provide the following:

- Safety Instrumented System (SIS) Design to IEC 61508 & IEC 61511.
- SIL Verification (Gap Closing) to SIL 3.
- Layers Of Protection Analysis (LOPA) Assessments.
- Control System Safety Adviser.
- Functional Safety Audits.
- HAZOP Chair.
- HAZOP Technical Advisers.
- Process Operator Manuals & Procedures.
- Pressure Systems Safety Consultant.
- Control System & Software validation for the Life Sciences Industry to GAMP 5.

○ **Provision & Use of Work Equipment Regulations (PUWER)**

- PUWER regulations.
- PUWER Inspection.
- Defect risk assessment.



○ **ATEX / DESEAR**

- Hazardous Area Assessment.
- ATEX Risk Assessments.
- Intrinsically Safe Design.
- Hazardous Loop Verification.

○ **Machine Safety**

- Machine Safety Assessments to IEC/ EN 62061 & ISO 13849.
- CE Compliance & UK CA Marking.
- Machine Operator Manuals & Procedures.

○ **Software Integration specialist**

- PLC Programmer/engineers (Siemens, Rockwell, Mitsubishi, Schneider Electric, ABB, Beckhoff, Omron and many more).
- SCADA/HMI configuration engineers.
- Programmable safety PLC engineers.
- Industrial Network specialist.
- Digital Transformation & IIoT specialists.

○ **High Hazard Plant commissioning**

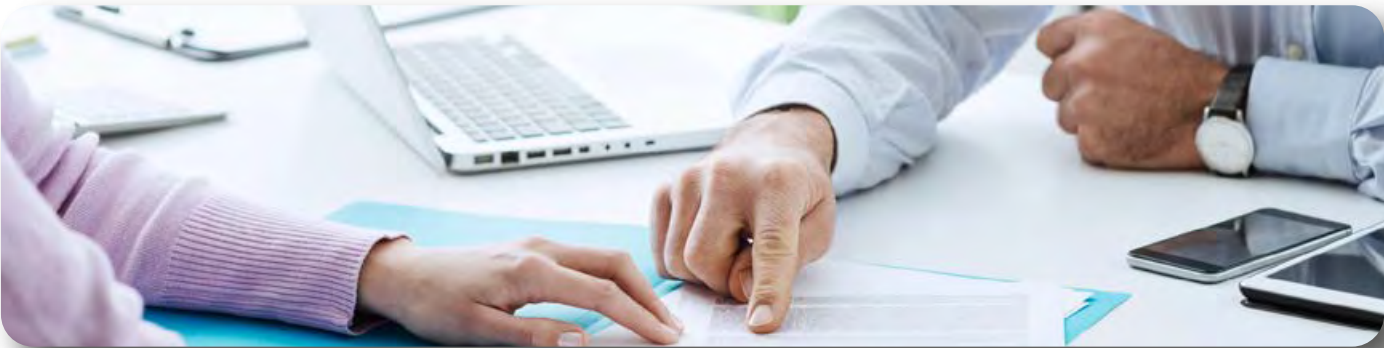
– A range of commissioning specialists for Regulated Industries, including:

- Commissioning Technicians.
- Commissioning Engineers.
- Commissioning Team Leaders.
- Commissioning Managers.
- Senior Commissioning Manager/Advisor.

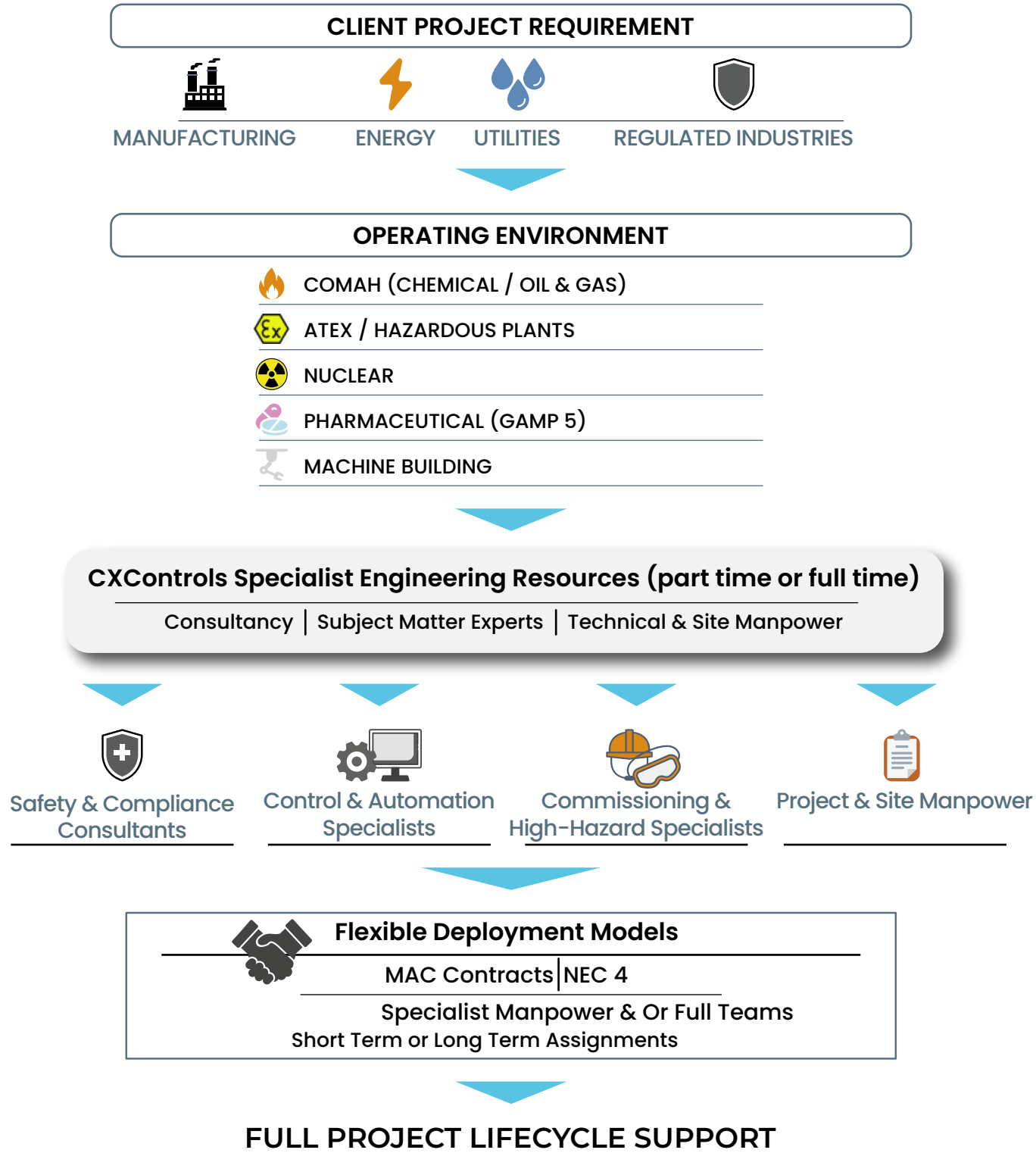
MANAGEMENT & TECHNICAL TRADE RESOURCING

To enhance project delivery, CXControls can provide a wide range of skilled engineering professionals, including MEICA Project Management, Site Management, installation and commissioning teams under Manpower Assignment Contracts (MAC) under NEC 4 or any other commercial contract, including:

- ✓ **Project Directors/Managers**
Experienced in delivering projects on time and within budget, to various contract models.
- ✓ **Project Engineers**
Providing technical oversight and coordination.
- ✓ **Project Support**
Including project administration and document control.
- ✓ **Instrument Engineers**
Focused on instrumentation design and integration.
- ✓ **Mechanical Engineers**
Specialising in design, analysis, and implementation.
- ✓ **Mechanical Site Engineers**
Managing on-site mechanical activities and compliance.
- ✓ **Electrical Site Managers**
Ensuring compliance and efficient site operations.
- ✓ **Industrial Electricians**
Expert in installation, troubleshooting, and repair.
- ✓ **Mechanical Fitters**
Skilled in assembly, installation, and maintenance.
- ✓ **Commissioning Engineers**
Driving system testing and operational readiness.
- ✓ **Commissioning Managers**
Leading commissioning strategies and execution.



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cxcontrols



Cert No. 11635
ISO 14001, ISO 45001,
ISO 9001

Full Services list:

System Software Integration
Business Transformation
Process & MEICA Project Consultancy
Control Panels
Modular Manufacturing
Specialist Engineering Resources

Offices & Workshop:

Units 12/14
Cartrefi Conwy Business Park,
Mochdre, Conwy,
LL28 5EF, UK.

International House,
61 Mosley Street, Manchester,
M2 3HZ, UK.

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Learn more on
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