



# Consolution

*"solutions for a more efficient business"*

## Panel Building:

Consolution design build and install a range of standard and specialist control panels and switchgear, including:

## Motor Control Centres (MCC's):



Motor Control Centres utilising standard designs from Form 4 type 2 and 3. Types 1 to 7 are available. Top and bottom cable entry is available on all options.

Consolution also manufacture custom built MCC's where space, access and cable entry may be of concern. Our MCC's can be manufactured in modules for easy access. Standard or remote control interfaces are available for connection to parallel or supervisory systems. Options include hard wired, RS485, Profibus, Modbus, DH+, Ethernet etc. In fact we can design our equipment to suit most interfaces and protocols for telemetry and control applications.



## Hazardous Area Equipment:



Consolution have a great deal of design experience and product selection knowledge for equipment in hazardous areas. We can source and build control equipment for use in gas categories Zone 0 to Zone 2 and dust categories Zone 20 to Zone 22.

Consolution have vast experience in the design of intrinsically safe circuits to ensure our control solutions offer safe operations of remote I/O in hazardous environments.

## Stand Alone Solutions

From a stand alone DOL, SD or Variable Speed motor starter to single PID controller stations, Consolution can supply a range of tailor manufactured stand alone control panel solution to meet your requirements including:

- Single and three phase direct on line motor starters
- Single and three phase Star Delta motor starters
- Transformer motor starters
- Variable Speed Drives
- Chemical dosing or batching panels
- Remote PLC Stations
- Remote Telemetry Stations (over comms, modem or radio)
- Pumping Controllers
- Level, Flow Pressure etc. stand alone PID Controllers
- Pneumatic control cubicles for on / off or control valve routing
- Pneumatic pump control panels

### Process Automation

Unit 4  
Cae Fwtt Business Park  
Glan Conwy  
Conwy  
LL28 5SP  
Tel: 0870 112 6561  
Fax: 01492 582770



## Machine Panel Building

Bespoke control panel design and build to meet the specific requirements of equipment and machinery manufacturers.

- Complete control system design and build package
- Work from client issued design drawings
- Upgrade to existing control panels
- Add-on or retro-fit control panel solutions

Please ask for further details of our flexible design and build service to meet the requirements of the machine manufacturer .



[www.consolution.co.uk](http://www.consolution.co.uk)



### Energy Efficiency Services

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