



4, Godfrey Road  
SALFORD  
M6 7QP  
0161 743 1890  
email [sales@germainesystems.co.uk](mailto:sales@germainesystems.co.uk)  
<http://www.germainesystems.co.uk>  
Fax available

## Electronic and Electrical Design

Germaine Systems produce control panel layouts, electronic and electrical drawings to conform to EN60204 or UL508a

- PLC, Embedded and PC control systems.
- Motor control, AC/DC drives Stepper and Servo systems.
- Profibus, ASI, USS AND Ethernet NETWORKS
- SCADA, HMI and signalling systems.
- Design advice for safety systems.

## Construction

Germaine Systems use their wide experience and CAD techniques to maximise panel usage while complying with EMC and regulations. We can :-

- Build to EN60204, UL508a or other standards.
- Can incorporate your cabling and numbering system.
- Source components from most major manufacturers.
- Build, deliver and install.

## Programming

Germaine Systems can work you with your design team to optimise your machine and provide full documentation and support to your project.

- Programming of SIEMENS S5, S7, Omron AB and Telemecanique PLCs.
- PC systems under Unix, Linux and Windows.
- Program modifications, upgrades, training and support.

## Documentation

The job's not over till the paperwork is done! Besides being a legal requirement in Europe, correct and informative documentation allow the customer to maintain and adjust the machine, avoiding unnecessary service call outs and allowing the customer to order spares easily. Germaine Systems can help you with the generation of manuals and documentation either printed or electronic format to supply on CDROM

We can document any system, old or new, even if you have nothing! Or transfer your existing documentation to a PC based system.

## Installation

From factory testing to onsite commissioning we can help you fulfil your schedules.

- Pre-Installation checks and site surveys.
- Unpacking, onsite connection, integration and commissioning
- Liaison and training.
- Reporting, troubleshooting and repairs

