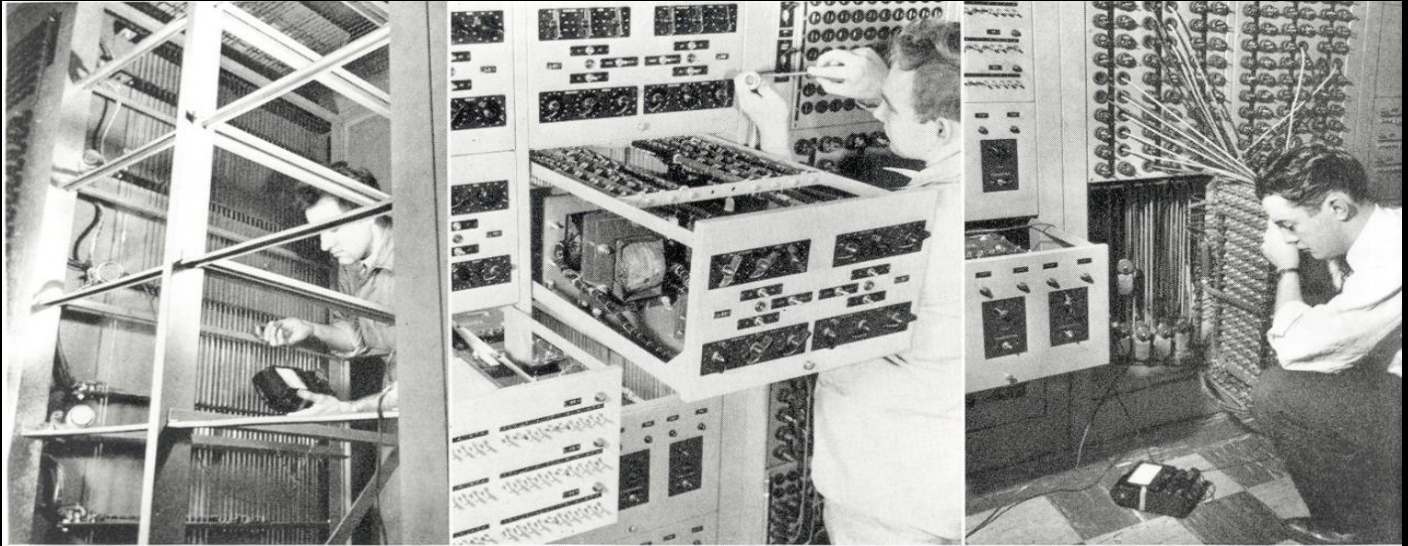




# IACS

## Company Profile



### OVERVIEW

South Africa and Africa as a whole are entering an era where an increasing number of manufacturers are automating their production lines to save labour costs and increase throughput. Due to the success of automated plants, this industry will show a tremendous growth in the future. IACS Group is confident of becoming a market leader in the industry through its diversified relationships with suppliers and partners. Due to the complexity of automation, most EPCM companies do not have their own automation divisions and look at specialised industrial automation experts like IACS Group to fulfil their automation needs.

### MISSION STATEMENT

Our vision at IACS Group (Pty) Ltd is to become a premier and preferred industrial automation company. By reliably meeting the needs of our customers, we aim to be a dominant player on the African continent, whilst developing lasting partnerships through service & support and utilising the latest technological advances. Quality is fundamental to all operations across the IACS Group.

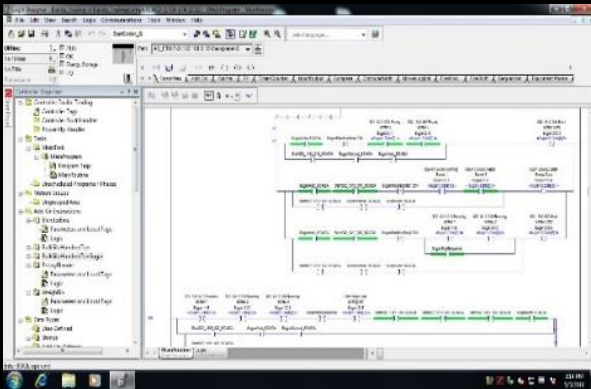
### OUR COMMITMENT

The IACS team believes in honest business relationships that add value to our clients, we are committed to our employees and our business. Our commitment to quality is underpinned by our values: Passion, Creativity, Collaboration, Professionalism and Integrity.



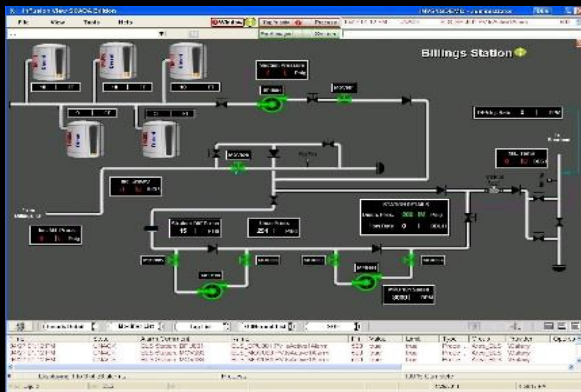
## OUR SERVICES

### PLC Programming



The IACS GROUP provide purpose-built machine control programming designed to read digital and analogue inputs from various sensors, execute a user defined logic program, and write the resulting digital and analogue output values to various output elements like hydraulic and pneumatic actuators, indication lamps, solenoid coils, etc. The IACS GROUP will commission and deliver the programming data packs after the systems up and running. The IACS GROUP is able to supply any make and model of programmable logic controller to accommodate the client's needs.

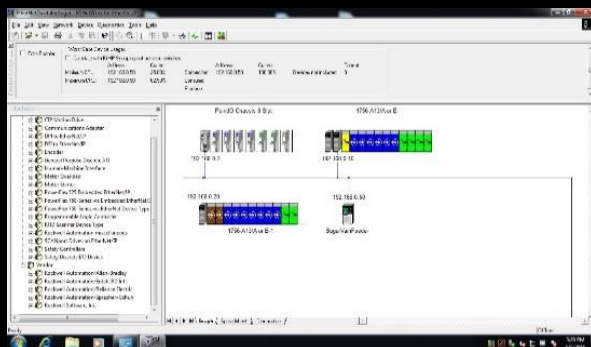
### SCADA Programming



The IACS GROUP provides system for remote monitoring and control that operates with coded signals over communication channels. These control systems may be combined with a data acquisition systems, communication channels to acquire information about the status of the remote equipment for display or for recording functions. Commissioning systems that monitor and control industrial processes. These processes include industrial, infrastructure, and facility-based processes. Industrial processes include those of manufacturing, production, power generation, fabrication, and refining, and may run in continuous, batch, repetitive, or discrete modes. The IACS

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### Plant Communication Integration



The IACS GROUP is focused on giving our clients control and data communications in manufacturing plant floor or process plant or in various automation environments. The IACS GROUP understands the difference between manufacturing and process and what the typical types of control involved are, discrete control or continuous control. Automation systems are often an integration of multi-vendor products to form one system and The IACS GROUP will provide tailor-made solutions to cater for the clients requirements.

## Electrical Engineering Design



The IACS GROUP offer sophisticated designs for clients wiring and robotic needs. All design is done in-house and to the highest standards. Our design capabilities cover power, control systems, telecommunications and signal processing. The IACS GROUP provide design for large-scale electrical systems such as motor control and power transmission, as well as utilizing electricity to transmit energy.

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## MCC Design and Wiring



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## Power Plant Automation



outages that do occur.

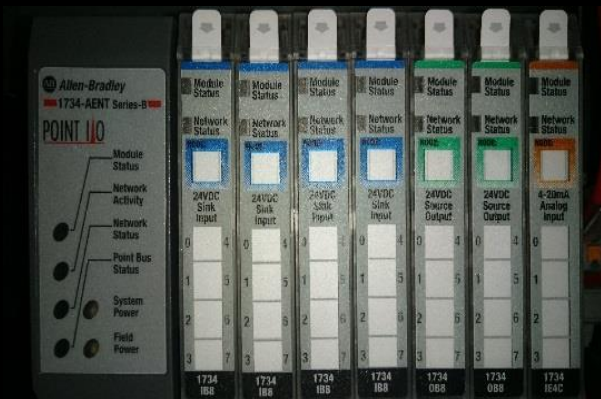
The IACS GROUP provides Power Plant Automation Services to enable clients who would like to automatically control their power system via instrumentation and control devices. We also enhance substation automation by using data from Intelligent electronic devices (IED), control and automation capabilities to allow remote users to control power-system devices. Power-system automation includes processes associated with generation and delivery of power. We provide the necessary monitoring and control of power delivery systems to reduce the occurrence of outages on the pole and shorten the duration of

## Variable Speed Drives



The IACS GROUP offers motor control solutions for clients having a common power bus and principally containing motor control units. Our services includes variable frequency or vector drives, Servo Drives, programmable controllers, remote axis control, and metering. The IACS GROUP is able to supply any make and model of VSD to accommodate the client's needs.

## Field Panel & Remote IO



All design is done in-house and all design is done to the highest levels. Our design capabilities cover power, control systems, telecommunications and signal processing. The IACS GROUP provide design for large-scale electrical systems such as motor control and power transmission, as well as utilizing electricity to transmit energy. Our remote IO panels can be fabricated for various environments like explosive corrosive or installations with high IP or IS ratings. All design work is approved and sign off by clients before fabrication and wiring. All field panel wiring goes through a rigorous QA/QC process before installation.

## Field Wiring Installation



The IACS GROUP provide purpose-built machine control and installations. The backbone of all plants and machinery is wiring. After panel wiring has been completed and delivered to site, we then make sure that clients required digital and analogue inputs from various sensors like hydraulic and pneumatic actuators, indication lamps, solenoid coils, etc. The IACS GROUP will commission and complete all the necessary field wiring for an installation to the highest standards.

## System Support



The IACS GROUP provide on-going professional technical support to all our existing clients in South Africa. We pride ourselves in the support turnaround times and we have the additional backing of the all the major suppliers both local and international. Some of those suppliers being Schneider Electric, Allen Bradley, Siemens, Moeller and Omron to name a few.

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## Client Analysis / Consulting



THE IACS GROUP offers free analysis to new clients based in Gauteng on optimising manufacturing plants through automation and system integration methods. We offer consulting contracts / service level agreements to clients who would like to ensure the optimisation and maintenance of their existing plant automation systems.

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## Cable Ladder / Mesh Installation



The IACS GROUP provide high quality cable tray/ladder/rack/mesh solutions and can be offered in a standard galvanised finish or other materials and finishes based on clients request or specific environment specifications e.g. Fiberglass cable tray (FRP/GRP), stainless and galvanised options. Our installation teams have completed installations in various environments and industries.



## Contact Information

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We offer consulting contracts / service level agreements to clients who would like to ensure the optimisation and maintenance of their existing plant automation systems.

Contact us on the details below

### Address:

18 Kerk Street,  
Alberton,  
2019

### Email us:

[robert@iacs.co.za](mailto:robert@iacs.co.za)  
[craig@iacs.co.za](mailto:craig@iacs.co.za)

### Call us:

Robert: (082) 775 9328  
Craig: (082) 521 6311

### Visit our website:

[www.iacs.co.za](http://www.iacs.co.za)



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