



Control Centres for Mining and Heavy Industries

How to find us

48 Apex Road West
Apex Ext 3
Benoni Gauteng

Tel (011) 421 5353
Fax (011) 421 7296

www.tiprow.co.za



Tiprow Controls is a level 1 contributor to B-BBEE



Tiprow Controls is part of Group of companies offering a turnkey capability for heavy industrial projects.



IAC Systems is the UK's leading industrial systems integrator. IAC specialises in variable speed drive systems, but also has extensive knowledge of PLC and SCADA systems, partnering with the World's leading equipment suppliers. IAC is authorised and approved by Siemens, Rockwell, ABB, Mitsubishi, Omron, Schneider and others.

IAC has a sub-division, **IAC Engineering**, which specialises in the design and manufacture of special purpose machinery. From its premises in West Wales, IAC Engineering has been building manufacturing machinery and materials handling equipment for many years.

IAC ems is a contract supplier of surface mount and standard PCB assemblies. We are able to source components, or build from customers stock.

IAC Security is a systems integrator for CCTV systems. Using our own design of pan and tilt unit, we can provide a bespoke system to suit the industrial requirements for monitoring of process or equipment. In addition, we have a wireless unit which can be used to monitor remote locations over the internet.

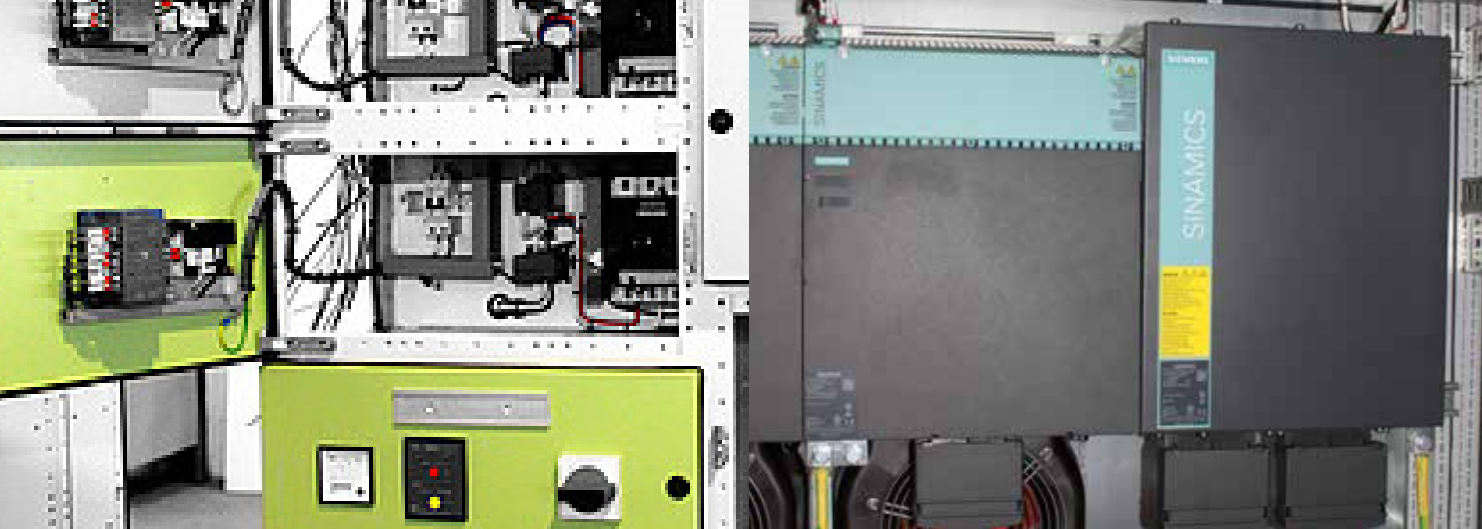
IAC and their partners, **Ashton Bulk Handling** have come together to form a joint venture to provide a turnkey solution to bulk materials handling problems. ABIAC has a range of Tipplers, Dumpers and Stacker Reclaimer designs to suit applications in coal, iron, manganese, and most other mineral handling issues. ABAIC also has a wholly owned subsidiary in Tianjin, China.



- MCC's
- Distribution Boards
- VSD panels
- PLC & remote IO panels
- Junction boxes
- Field Isolator solutions
- Wall mount starter panels

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Motor Control Centres

Floor standing, indoor and outdoor Motor Control Centres up to 550V. Our enclosures are manufactured using Mild Steel, 3CR12 Stainless Steel, 304 Stainless Steel or 316L Stainless Steel, according to customer specifications. Our standard enclosure paint specification is Epoxy Powder with a thickness of 70 microns, and for harsher conditions we recommend 140 microns Epoxy Powder.

Fully tested to SABS 61439 and SABS 61641

While the standard Motor Control Centre switchgear we offer is Mitsubishi, Cutler Hammer, EATON, Telemecanique and Siemens, we can use any make or combination to suit the customer's needs.

Distribution Boards

Floor standing, indoor and outdoor Distribution Boards up to 550v.

Variable Speed Drive Panels

AC and DC drive panels designed and manufactured at our Benoni facility. We can offer individual panels, for pump or fan applications, or a suite of drives, with or without active front end and common DC busbars to give harmonic filtering and energy saving. We have associations with all of the World's leading manufacturers of VSD's and can manufacture to the customers specification.

PLC & remote IO panels

We can manufacture individual programmable logic control panels using any of the major PLC equipment. We design and build PLC systems for all industries, including fail safe applications, distributed I/O and hazardous area systems.

If bespoke software is required, we can also facilitate this using our parent company. We also offer assistance with installation and commissioning.

Junction boxes

Wall mounting indoor and outdoor Junction Boxes. Our enclosures are manufactured using Mild Steel, 3CR12 Stainless Steel, 304 Stainless Steel or 316L Stainless Steel, according to customer specifications.



Field Isolator solutions

Indoor and outdoor Field Isolator Stations and local control boxes. Bespoke panels to suit the customer's exact requirements.

Wall mount starter panels

Wall mounting, indoor and outdoor Starter and Control Panels.