



MIPAC – Helping you achieve operational excellence through superior Process Control

MIPAC is a respected provider of process control, instrumentation and electrical engineering solutions to major, complex processing and production facilities. MIPAC specialises in industries such as pulp and paper production, minerals and metal processing and serves renowned companies such as Xstrata, BHP Billiton and Norske Skog. MIPAC employs some of the industry's most talented process control engineers and we have worked on more than 100 projects in over a dozen countries.

Learn more at www.mipac.com.au.

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MIPAC's teams have extensive, practical Process Control expertise and we offer a full range of control services and solutions to facilitate a turnkey, high quality control system package:

Control System Standards

MIPAC provides system appropriate standards to ensure correct design and implementation of control systems. Extensive experience with many systems and large plants with multiple plant areas provides us with the knowledge to know what works and, more importantly, what doesn't.

Control Logic Design

MIPAC designs high quality control solutions and logic strategies for process plants. Our Control Logic Descriptions are written by experienced control specialists who know the importance of clearly understanding and interpreting the process engineering and plant requirements to ensure effective plant control.

Control System Selection

Procurement of the most suitable system for your plant is critical. We provide an objective evaluation and recommendation on the most appropriate control system and ensure it meets all your technical interface requirements.

Control System Programming and Configuration

MIPAC configures each control system to match the process it will control and seamlessly fulfil the needs of the operations personnel.

Future proofed: Modularised configuration to ensure ease of understanding, adaptability for future needs and upgradeability when the time comes.

Usability: We emphasise appropriate operator interface screens, provide high quality diagnostic graphics as standard and incorporate PWCS and MIS interfaces.

Safety and Alarming: Every system addresses safety and operational needs with built in alarm handling and masking techniques.

Control System Commissioning

MIPAC's highly regarded commissioning services ensure you achieve rapid ramp-up to plant capacity:

- Thorough problem solving techniques to minimise start-up delays
- Loop tuning to a high level of plant stability
- Extensive operator training in control system use
- Focussed and efficient checklists with automatically generated progress reporting

Control Systems Support

To help you maintain performance objectives, MIPAC offers a suite of services to complement your plant's in-house control system support infrastructure.

Why Choose MIPAC for your Control needs?

- Process Control Experts
- Sound process knowledge with in-house specialists for many process industries
- Experienced with plants up to 32,000 I/O
- Australia's leading independent DCS software engineering house and discipline leader in the field of process plant automation
- Genuine in-house experience for most modern control systems
- Innovative techniques – continuous investment in training, research and people
- Highly experienced and sought after commissioning experts.