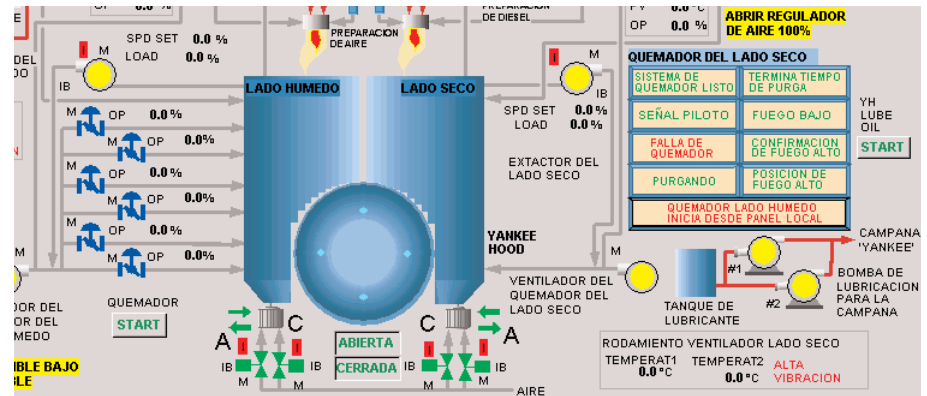


Tissue Mill Control System

Cartotecnica Centroamericana S.A.



Project statistics

Location	San Salvador, El Salvador
I/O for all areas	1,047
Operator stations	3
Plant areas	3
Hardware	ABB Freelance 2000

Easing the transition to a modern control system

Cartotecnica Centroamericana S.A. embarked on a major expansion that included a new paper machine and deink plant. Although its existing mill had only rudimentary controls, Cartotecnica decided that a modern control system was required to meet its quality and efficiency objectives.

With this decision made, the emphasis was placed on easing the transition to the new system:

- ABB's Freelance2000 was selected as the control system hardware platform based on its ease of use, support and trouble shooting capability
- Metso's Paper IQ was selected as the quality control system (QCS) based on the quick delivery of a previously constructed unit

- the graphics were configured such that they would be easy to understand and use

- the programming was structured to provide automation and alarming for all pulping and paper machine activities

- using specially configured computers, the operators and maintenance staff were trained at the mill, minimizing disruption to Cartotecnica's ongoing operations and reducing travel costs

Dick Engineering's role in the project included:

- definition of the system requirements
- selection of control hardware
- I/O wiring
- coordinated control between control system, QCS and PM PLCs
- configuration
- logic testing
- commissioning and startup