



Control System Upgrade

CLIENT - CEMEX

LOCATION - New Braunfels, TX

COMPLETED - 2007

DESCRIPTION

Matrix PDM provided design, engineering and commissioning support services for a complete retrofit, as well as replacement of existing obsolete control system hardware for an entire cement production line.

The facility planned to double its capacity through a new kiln line expansion, and the existing Bailey Infi90 DCS wasn't capable of accommodating the additional I/O required.

PRINCIPAL FEATURES

- Tight start-up timeline and successful on-time completion
- Selection of ControlLogix PA C platform, supported by Rockwell Automation
- Greater system reliability and increased communication speed
- More than 5,000 digital and 1,000 analog I/O
- Thirty-three individual ControlLogix subpanel assemblies were designed for retrofit into the existing panels
- Four ControlLogix PA Cs were used for control of the entire process line
- Complete facility control system fiber optic network design of 24-fiber trunk wiring, spanning more than three miles
- Fifty-seven individual I/O racks used to collect and control the process

FOR MORE INFORMATION:

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