

# MARDIN CEMENT - Turnkey Electric and Automation System for new 3300t/d cement production line II and modernisation of existing cement production line I



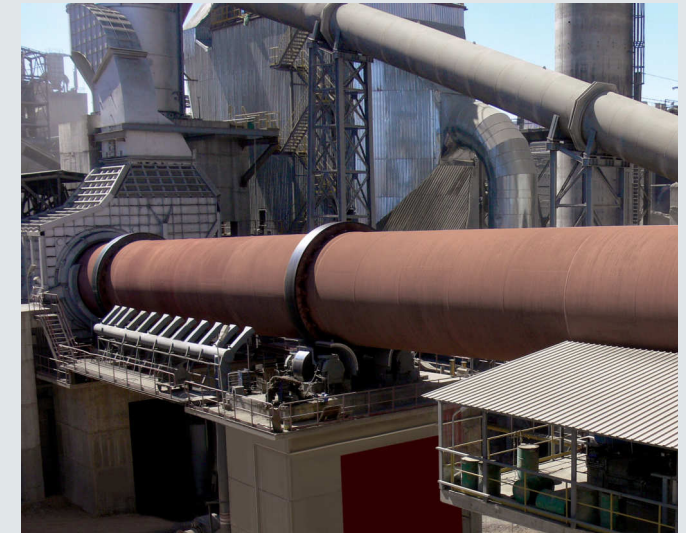
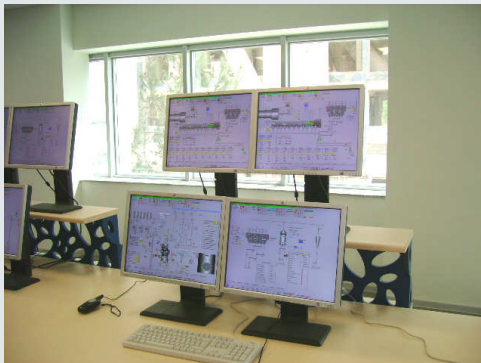
**Solution Partner:** DAL ELEKTRİK VE OTOMASYON  
**Customer:** MARDIN CIMENTO  
**Segment:** Cement

## Short description of the solution

- DAL engineered, delivered, installed and commissioned the whole PCS7 CEMAT system (9400 I/Os) and Simatic IT Historian.
- DAL manufactured also the complete LV Low Voltage Panels and MCCs, and supplied MV Medium Voltage Switchgears.
- DAL provided PCS7 training.

## Requirements of the customer:

- Increasing the production capacity by building up a new production line
- Reducing the production costs by modernizing the old production line



### Contact:

Street  
ZIP code location  
Country  
Region (optional)  
Phone: +49 91111-0000000  
Fax: +49 91111-0000000

### Founding year:

yyyy

### Employees:

xyz

Solution  
Partner

SIEMENS

Automation

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## Implementation by the Solution Partner:

- 2 redundant OS Servers with 6 Clients, 1 ES, 7 AS417-4
- 1 Management Information Server, 1 Web Server
- PCS7 with CEMAT Control System Library
- ET200S Distributed I/Os
- Field Instrumentation
- Profibus DP, Profibus PA Field Bus
- Smart Motor Control Center SIMOCODE
- Protection Relays SIPROTEC
- MV/LV and MCC Panels
- Cabling (>200 Km) and Electrical Erection
- Engineering, Manufacturing, Commissioning and Training



## Benefits for the customer:

- Easy, flexible and robust configuration thanks to PCS7
- Wide range compatibility of different components
- DAL and Siemens Solution Partner's know how, experience with PCS7 CEMAT for more than 10 years
- DAL engineering for the complete electrical system as well as automation system, site management for the electrical erection and commissioning

