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Cotmac provides a range of Greenfield and Brownfield automation solutions in Cement industry

- Design engineering
- Automation panels
- Hardware supply
- PCS 7
- Software development
- Installation and commissioning
- Onsite services

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Projects executed in various sections of Cement Industry are :

Grinding Unit Sections :

- Clinker Grinding
- Fresh Feed Handling
- Separator Section
- Roller Press & Recirculation
- Product Transport
- Ball Mill & Venting
- Fly Ash Feed & Extraction
- Cement Silo
- Crusher Section
- Raw Mill 1,2,3
- Bag House Section
- Kiln Section
- Clinker Transport
- Clinker Storage
- Clinker Grinding Unit
- Cement Storage & Transport
- Cement Packing & Loading

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Projects References :

- UltraTech Cement Ltd, Rawan
- Arabian Gulf Cement, Bahrain
- Star Cement, Meghalaya
- Zuari Cement, Solapur
- Lafarge Cement, Bilaspur
- Sagar Cement, Telangana
- KJS Cement, Maihar MP
- Pioneer Cement Industries LLC, UAE (Scope : AMC - Panel Equipments)
- Lake Cement, Tanzania (Scope : System upgradation to PCS7)
- Hill Cement
- KJS Cement Phase –II
- Ratna Cement

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UltraTech Cement Ltd., Rawan – PCS7 Project

Project Scope :

- Software Development
- FAT & SAT
- Commissioning
- Report Generation

Project Executed multiple sections :

- Crusher
- Raw Mill 1,2,3
- Bag House
- Kiln Section
- Clinker Transport

Project Details :

- Redundant Client server architecture with 6 Nos. of Clients
- Approximate 3000 I/O's +PA Instruments +2500 Smart I/O's MCC devices with SIMOCODE & Drives
- Siemens DCS PCS7 & CEMAT Library V7.1

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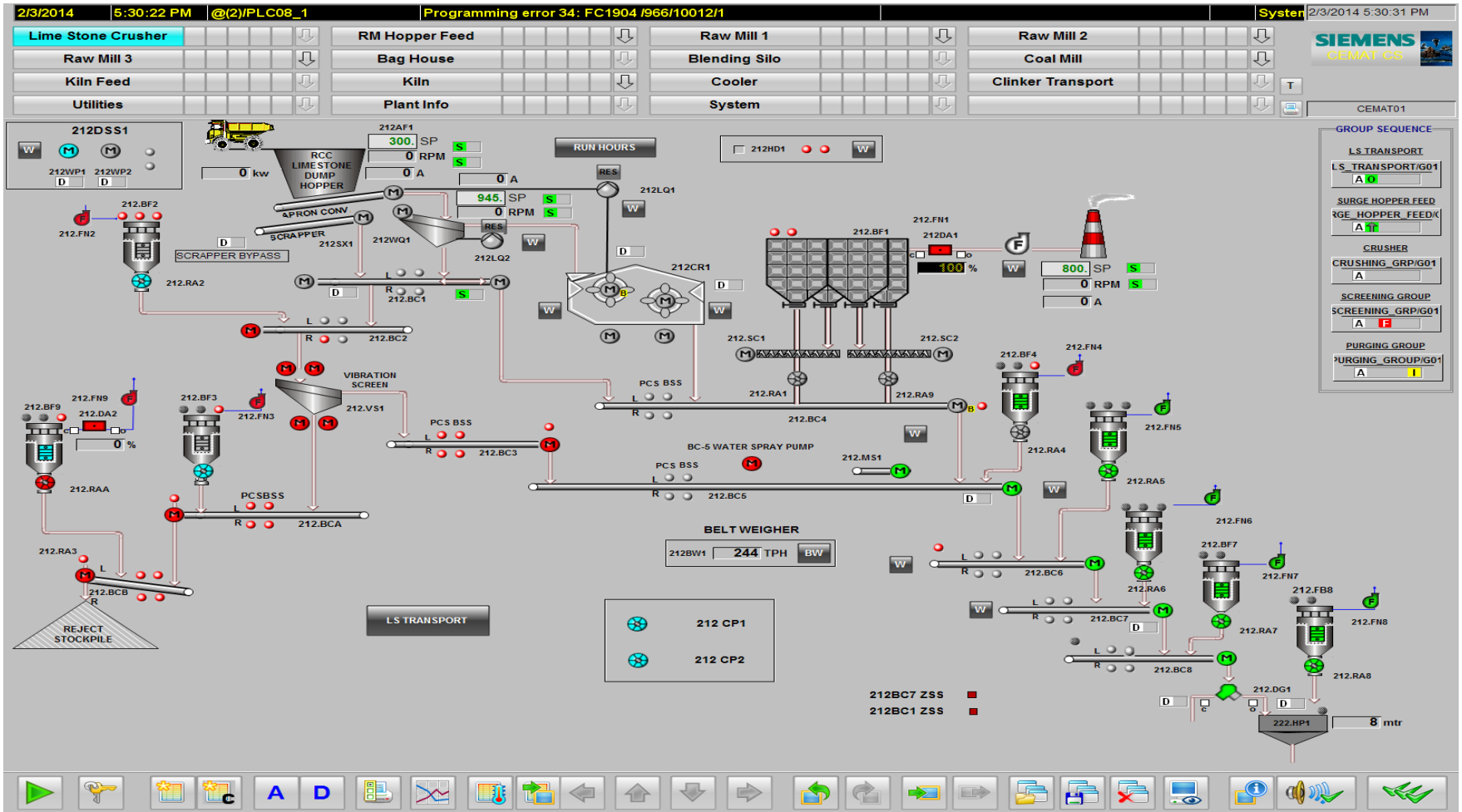
Lime Stone Crusher - UltraTech Cement Ltd., Rawan – PCS7 Project



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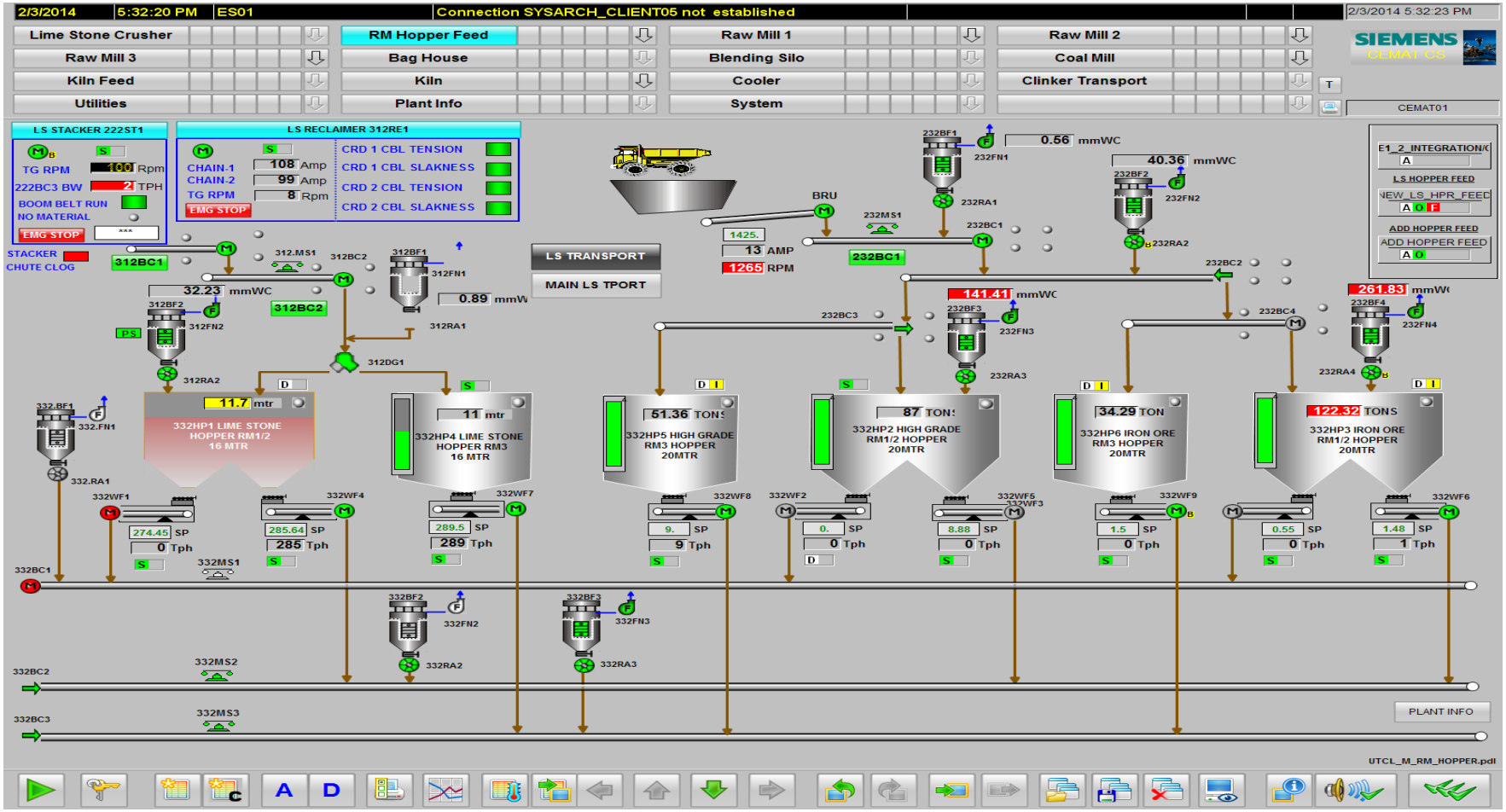
RH Hopper Feed - UltraTech Cement Ltd., Rawan – PCS7 Project



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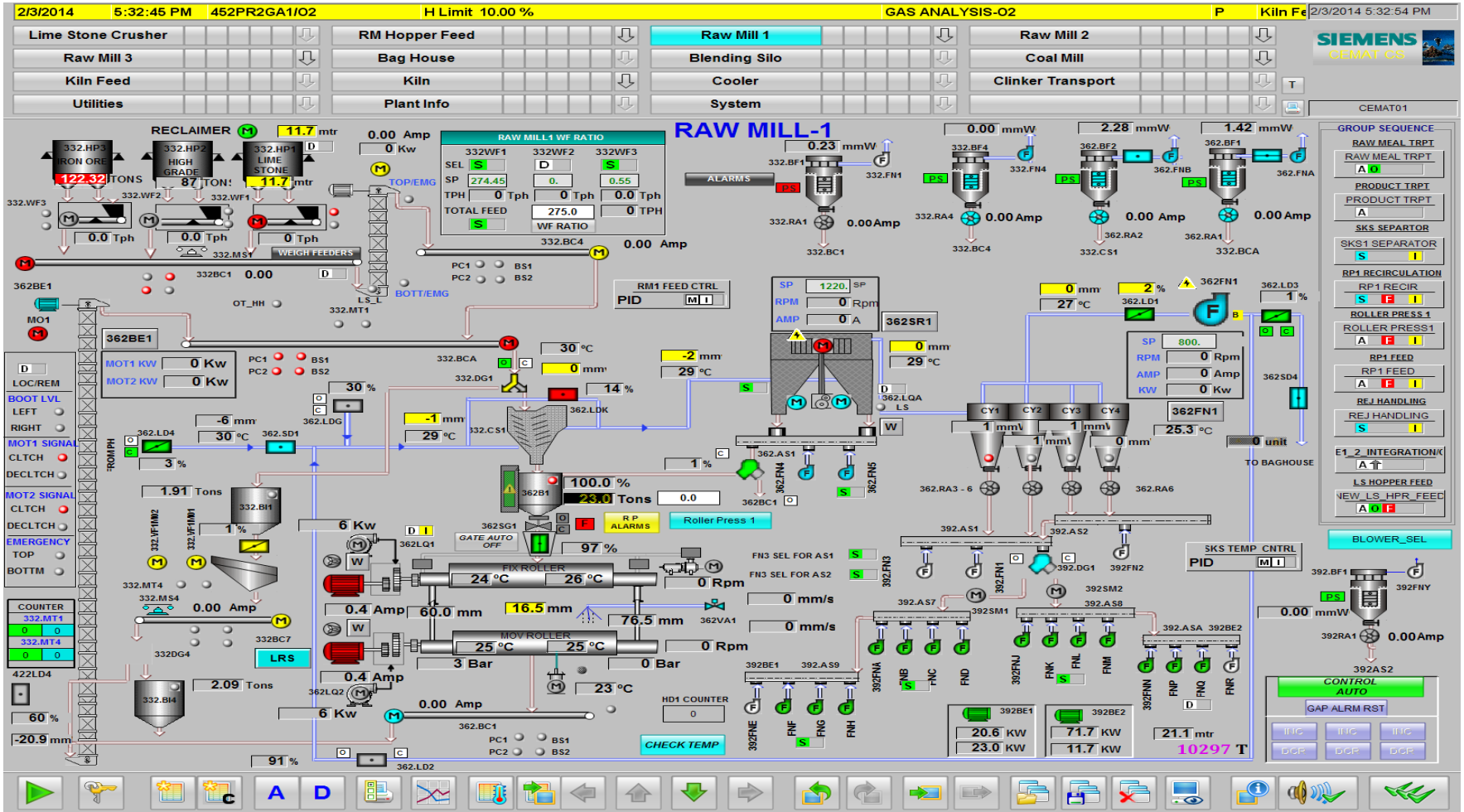
Raw Mill-1 - UltraTech Cement Ltd., Rawan – PCS7 Project



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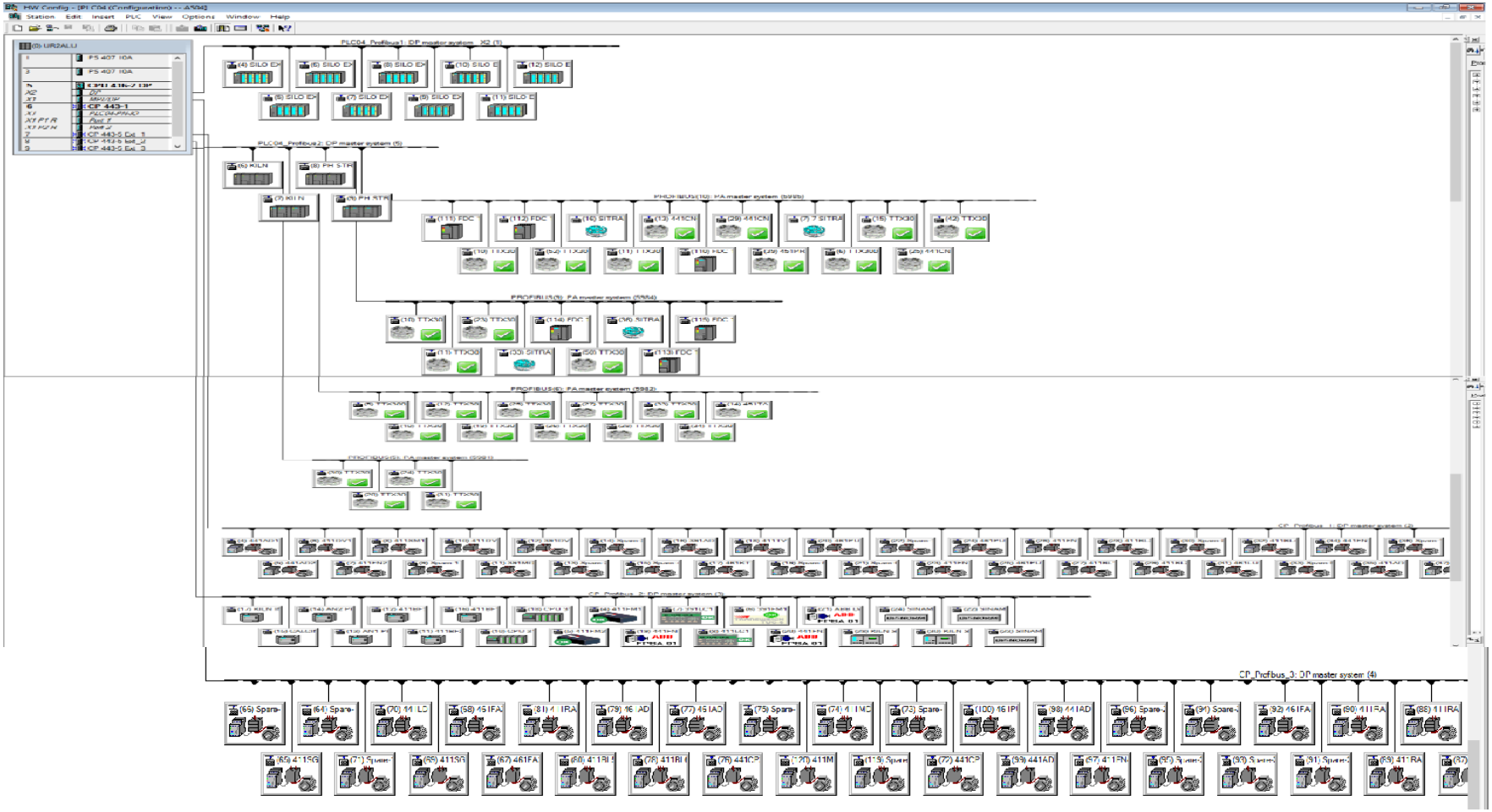
Hardware Configuration - UltraTech Cement Ltd., Rawan – PCS7 Project



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Arabian Gulf Cement, Bahrain - PCS7 Project

Project Scope :

- Design & Engineering
- Software Development
- FAT & SAT
- Commissioning
- Report generation

Project Details :

- Redundant Client server architecture with 3 Nos. of Clients
- Redundant controller CPU S7 410-5H
- Profibus devices such as VFD's, Energymeter etc.
- Siemens DCS PCS7 8.1 & CEMAT Library V8.1

Project Executed multiple sections :

- Clinker Storage
- Clinker Grinding Unit
- Cement Storage & Transport
- Cement Packing & Loading
- Automation for 2 nos. of Existing Mills

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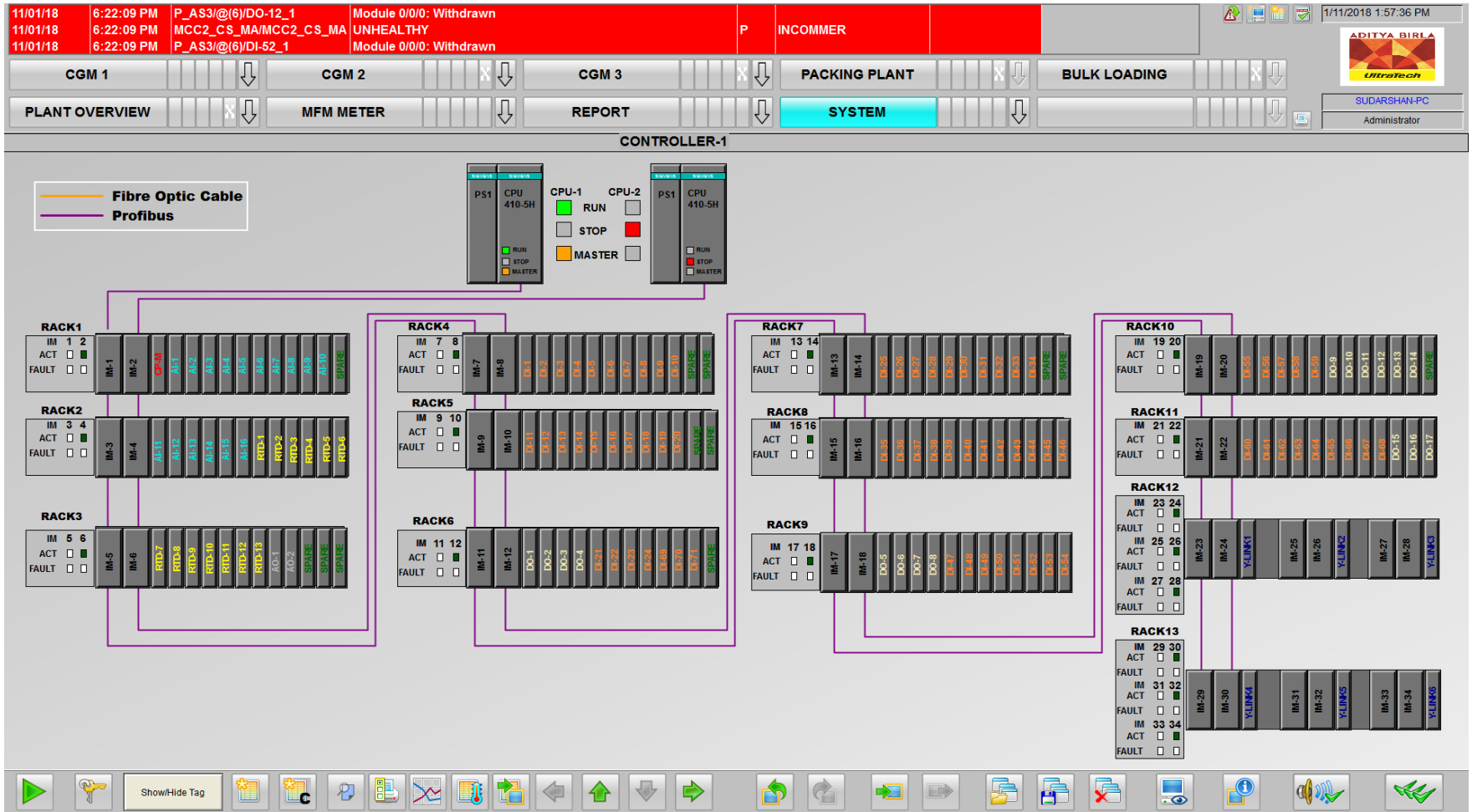
System Architecture - Arabian Gulf Cement, Bahrain - PCS7 Project



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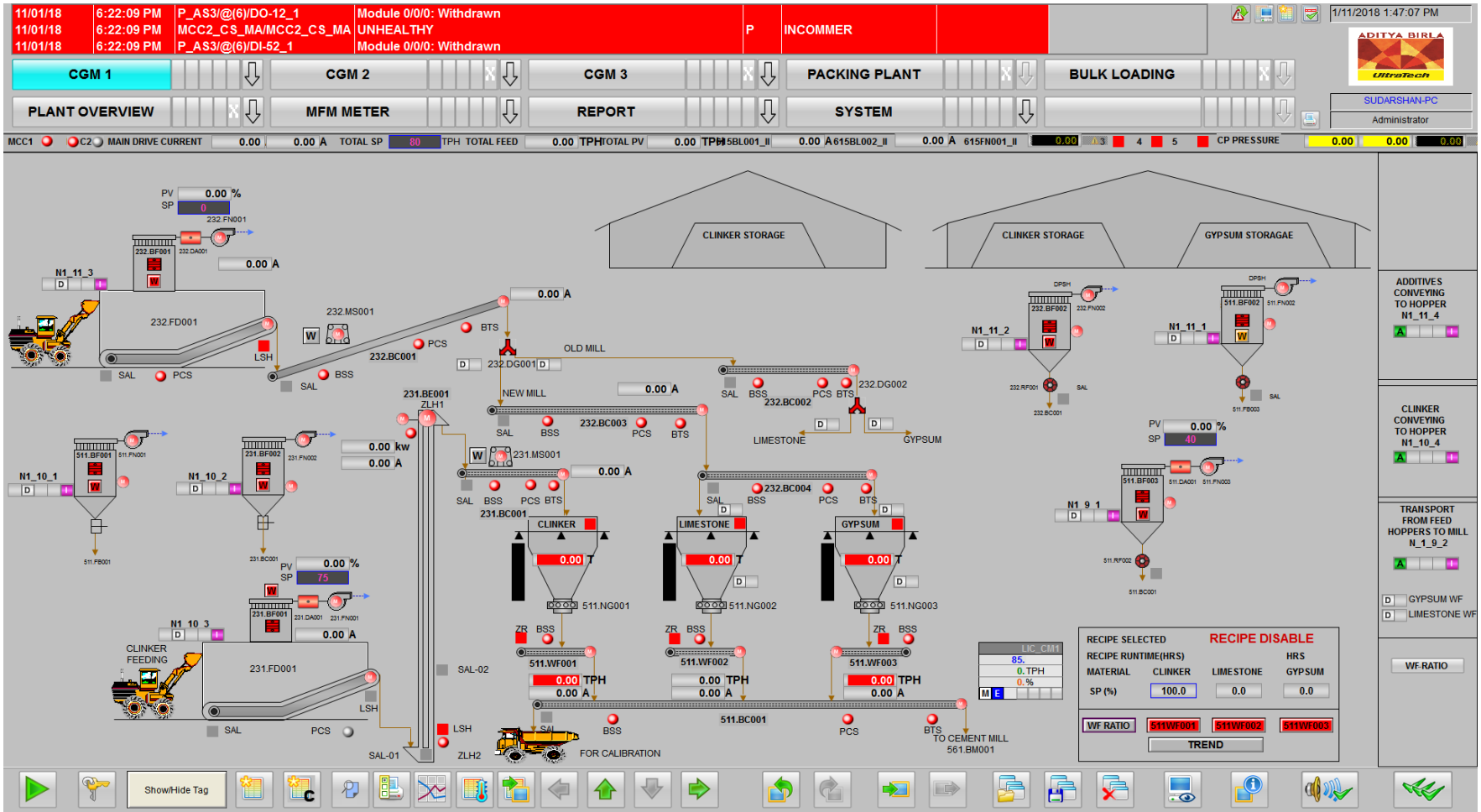
Clinker Storage - Arabian Gulf Cement, Bahrain - PCS7 Project



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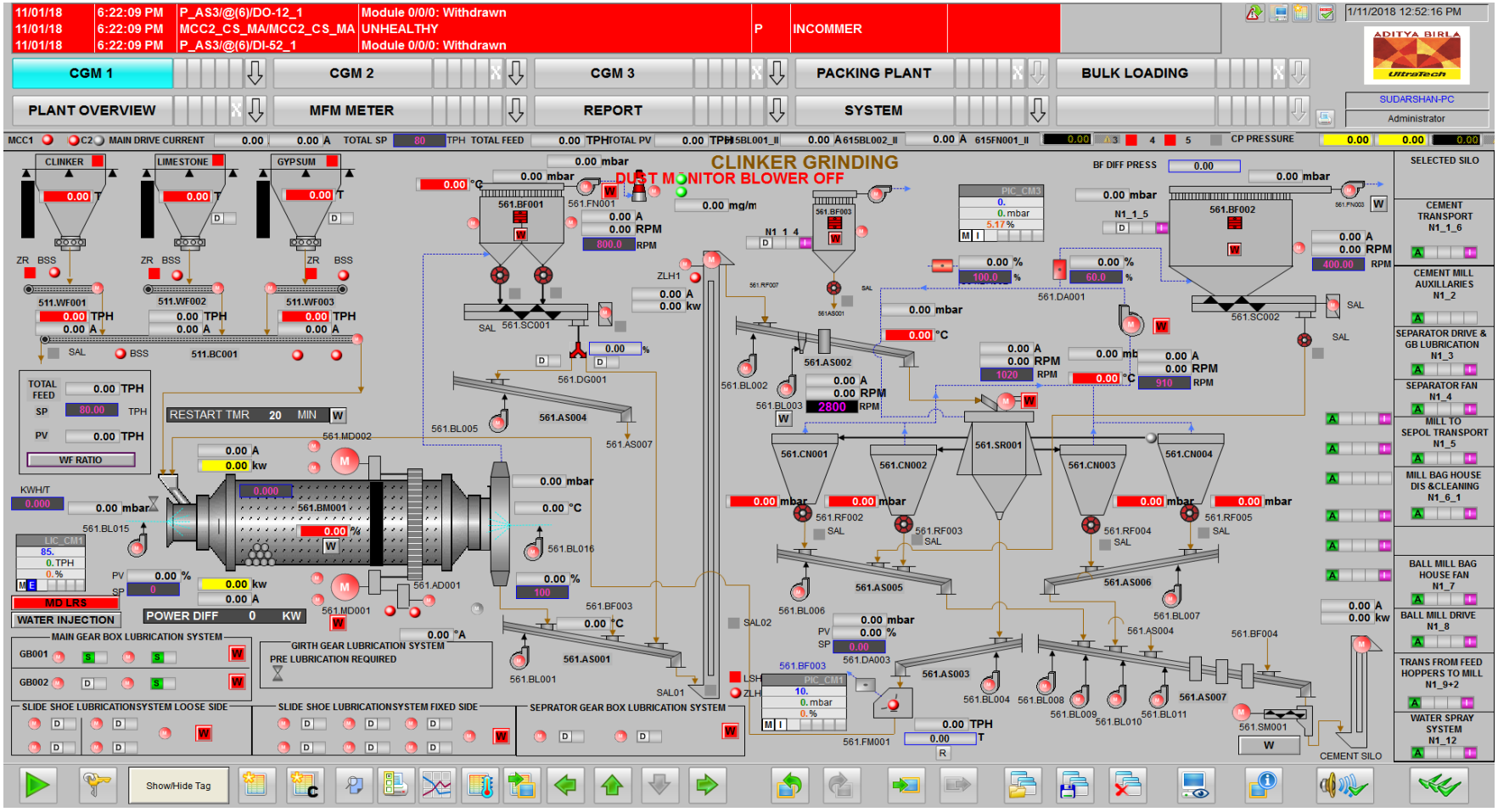
Cement Grinding Unit - Arabian Gulf Cement, Bahrain - PCS7 Project



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Monitoring Screen - KJS Cement Ltd., Maihar MP- PCS7 Project