



Vista Automation

Providing Solutions. Delivering Excellence.

PROJECT REFERENCES

METALS



Emirates Aluminum Phase I – Plant-wide SCADA Integration

Scope of Work: The Integration of all Sub-systems Supplied by OEM Plant-wide into a 3 Central SCADA Systems.

Solution: Allen-Bradley ControlLogix and CompactLogix PLC Systems, Redundant Rockwell Automation FactoryTalk View Site Edition SCADA System, and FactoryTalk Historian.

Location: Abu Dhabi, United Arab Emirates

Client: Emirates Global Aluminium (EGA)

Emirates Aluminum Phase II - Controls, Instrumentation, SCADA POV & Integration

Scope of Work: The Integration of all Sub-systems Supplied by OEM Plant-wide into a 3 Central SCADA Systems.

Solution: Allen-Bradley ControlLogix and CompactLogix PLC Systems, Redundant Rockwell Automation FactoryTalk View Site Edition SCADA System, and FactoryTalk Historian.

Location: Abu Dhabi, United Arab Emirates

Client: Emirates Global Aluminium (EGA)

Automatic Anode Tracking Crane Positioning

Scope of Work: Design, Supply, Installation, and Commissioning of the Automatic Anode Tracking and Crane Position Including Position Encoders and RFID Recognition with the Integration with the Existing Crane Control System and the Existing Central SCADA, Historian and Reporting System. new SCADA & Historian hardware and software with additional instrumentation.

Solution: Rockwell Automation CompactLogix and Integration with FactoryTalk View Client-Server with redundant Servers and FactoryTalk Historian System with VantagePoint Reporting.

Location: Dubai, United Arab Emirates

Client: Emirates Global Aluminium (EGA)

Boilers Controls Retrofit for the Combined Cycle Power Plant

Scope of Work: Design, Supply, Installation, and commissioning of the Control Upgrade of the 8 Combined Cycle Turbine's Boiler Damper Positioners.

Solution: GE PLC with Acromag Signal Splitters and Siemens Pneumatic Positioners.

Location: Dubai, United Arab Emirates

Client: Dubai Aluminum

Fume Treatment System Control Upgrade

Scope of Work: Upgrade and Integration of the Fume Analyzer.

Solution: Allen-Bradley ControlLogix PLC System with Prosoft ASCII Communication Module, Redundant Rockwell Automation FactoryTalk View Site Edition SCADA System.

Location: Dubai, United Arab Emirates

Client: Dubai Aluminum

Desalination Plant SCADA Retrofit

Scope of Work: Provide Redundant SCADA Stand-alone Stations for the Desalination Plant

Solution: Redundant Rockwell Automation FactoryTalk View Site Edition SCADA System.

Location: Dubai, United Arab Emirates

Client: Dubai Aluminum

UPS & Server Temperature Monitoring

Scope of Work: Design, Supply, Installation, and Commissioning of the Integrated Instrumentation, PLC, HMI, and Integration with the Plant SCADA System for Server Room Temperature Monitoring and UPS Monitoring.

Solution: Allen-Bradley CompactLogix PLC System and HMI.

Location: Abu Dhabi, United Arab Emirates

Client: Emirates Aluminum

SCADA System Expansion

Scope of Work: Design, Supply, Installation, and Commissioning of 72" SCADA Clients in Different Locations of the Plant.

Solution: Rockwell Automation FactoryTalk View Site Edition SCADA Clients

Location: Abu Dhabi, United Arab Emirates

Client: Emirates Aluminum