Excel Automation Solutions

Company Profile

Excel Automation Solutions (ISO 9001: 2008) is an engineering resource company that delivers Engineering, Construction, Maintenance and Project Management solutions on Instrumentation, Control System and Automation for oil & Gas, Petrochemical, Power, Pharma, Food & beverage, Mining, Paper & Pulp, Chemical industry clients around the world. We specialize in Design, Engineering, System Integration, installing and site support/commissioning the highest quality and most advanced process and plant control systems. We leverage on our expertise and experience to offer customized solutions to the customers in Emerson DeltaV DCS, Emerson DeltaV SIS, Honeywell Experion DCS and variety of PLC / SCADA and Field Instruments.

The automation and control engineering services execution at Excel Automation Solutions is done by continuous supervision of well-experienced Team Leaders, each with more than a decade of enriched control systems experience of various platform and third party interfaces. Thus our customers can unleash the potential of every employee in the utility to serve customers with better quality. Our team is focused on providing specialist support services to main process automation vendors / integrators for their monitoring and control applications for their customer’s industrial requirements.

We provide the following Professional Control & Automation engineering services:

The automation and control system engineering is done by well-experienced Team Leaders, each with more than ten years of control systems experience of various systems, industries and third party systems. This is our endeavor to serve customers with better quality. Our team concentrates to provide support services to EPC’s/Different industries for their monitoring and control applications for their industrial requirements.

We support instrumentation & control application engineering, software development, support pre-FAT / FAT / I-FAT / SAT, on-site project services, documentation for various automation systems including DCS, ESD/SIS, FGS, PLC, SCADA / HMI, AMS, Fieldbus. Working in partnership with main automation vendors / suppliers / integrators the staff supports an ever increasing number of installed systems experience across many client sites. Our engineers have a broad industrial and business background enriched with an in-depth knowledge of control systems and equipment.
We provide Control System Design, Development, Start up, Commissioning & 24x7 Site Support Services in Emerson DeltaV DCS / SIS, Honeywell Experion DCS Engineering to several leading industrial automation companies, system integrators; EPC’s OEM’s and process consultants globally.

- Prepare Front End Engineering Design for Emerson DeltaV DCS, Honeywell Experion C300 DCS & DCS Systems, like FDS, DDS.
- Onshore and Offshore FPSO DeltaV DCS Systems / Honeywell Experion C300 DCS Commissioning.
- Conducting DCS Software/Hardware Systems Factory Acceptance Test (FAT) - Control Narratives, Functional logics and System Integration Test with other System vendors.
- DeltaV DCS and Applications Engineering.
- Foundation Field bus (FF) Instruments Configuration and Commissioning.
- DeltaV SIS (SLS 1508) Safety Instrumented System.
- HART Protocol and HART Device Commissioning.
- Modbus and Profibus communications.
- Wireless transmitters and gateway configurations.
- Trouble shooting in DeltaV DCS / Honeywell Experion C300 DCS software & hardware problems.
- DeltaV web servers Configuration.
- Implementation of process change requests for Hardware / Software changes.
- Detailed engineering activities, Generating typical graphic elements, analyzing P&ID and assigning Animation to required components on the mimics, generating and testing Dynamo displays, trending and alarm configuration in DeltaV DCS / Honeywell Experion C300 DCS Systems.
- Dynamo displays create as per client requirement.
- Third party communication
- Preparations of DCS I/O List.
- Logics development based on control philosophy
- Unlimited DeltaV DCS \SIS sources supply around the world.
- Contacting FAT, IFAT and SAT
- Careful inspection and maintenance performed by our qualified specialists can reduce or eliminate the risk of lost production time caused by system failures that could have been avoided if the right things had been checked, verified or tested on a prescribed schedule.
- A well-designed maintenance program can reduce long-term equipment deterioration and may prevent premature equipment failure or damage.
- Our Scheduled On-Site Services can help to minimize the chance of unexpected emergency service calls and costly equipment failures.
Our Business:

Excel Automation Solutions has been in the business, offering a wide range of services and engineering in the field of Oil & Gas, Petrochemical, Power and other major industries covering the disciplines of Control & Instrumentation like Delta V DCS / SIS And Honeywell Experion Systems.

Robust & Matured Quality systems, state of art infrastructure and setup with testing facilities for PLC – DCS systems helps us to be Dependable & Reliable Solution Provider and Global Outsourcing partner.

Our Goal:

Excel Automation Solutions seeks to maintain and grow its reputation for providing excellent project management services, cost effective and innovative solutions, technical excellence in project execution, and a final installation which is accepted as high quality by the reputed client's.

Our Focus:

To accomplish our goal we are focused on recruiting, maintaining and motivating a highly competent, professional staff which is dedicated to the goals and principles of Excel Automation Solutions.

The staff must exist within, and be comfortable with, a culture that encourages all employees to work together towards the common goals of the project as a team.
Our Responsibilities - As a Company:

Excel Automation Solutions is responsible to clients to act always in a professional manner and to focus on doing what is "right for the project".

Contact us:

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Gallery: