

Customer Profile

Pfizer is an multinational company located in 150 countries involved in Research, development, manufacturing and marketing of leading prescription medicines for humans and animals and many of the world's best-known consumer brands. The company has three business segments: health care, animal health and consumer health care.

Contact Details

Contact Name/Tel./ Email will be available on request.

Project Statement

Pfizer is currently upgrading their Distributed Control system (DCS) of OSP-3 plant to Emerson's DeltaV DCS using remote STAHL I/O Modules. Pfizer wanted there new DCS data to be populated in to Intergraph's SmartPlant Instrumentation and developing intelligent Instrument loop drawings for commissioning the OSP3 DCS up gradation project to Rolta through Intergraph / Intertech, Ireland. Pfizer required output loop drawing from INtools, exactly similar in look and feel to the input cad loops.

Rolta Solution

Rolta has provided the following solution architecture to cater Pfizer requirements.

For data security reasons, the database server was setup in Ireland. Remote connections using Citrix connectivity were provided to INtools user (23 nos.) back in India for populating data in INtools. Citrix client connections were provided through toltaly sequired v-LAN network.

While INtools Ver. 6.6 is used for populating data in INtools, the enhance report utility is used for generating enhance smart loops.

Solution Architecture

The integrated solution has been divided into the following distinct phases:

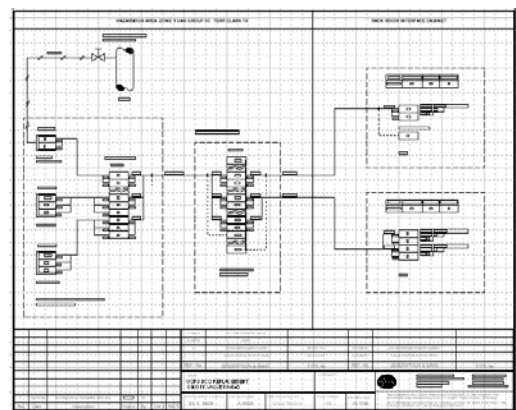
1. Populating wiring information in INtools using DCS information provided and input cad loops
2. Wiring Connections in INtools
3. Customization of ESL templates
4. Generation of Enhance smart loops

Project

The Rolta scope includes customization of Loop templates, Header information, Loop Browser,

symbols and development of wiring information in INtools ver 6.6 from the input AutoCAD loop drawings and MB drawings. Scope of work included wiring and ESL generation of 3225 DCS loops, 123 Non-STAHL Loops and 686 Non-DCS loops i.e. we have delivered total 4034 loops.

Due to the tight schedules of delivery, Rolta quickly trained Instrumentation graduates with INtools expertise for the specific customization requirements of Pfizer. Rolta Project execution team has delivered the completed Wiring and Enhanced Smart Loops UOC wise to meet the Pfizer commissioning schedule.



Deliverables

The Project was executed using Citrix, i.e. the database is situated in INTERTECH office in IRELAND and ROLTA is doing the project accessing the database using Internet connectivity.

Benefits to the Customer

The project has enabled Pfizer to integrate discrete stand alone AutoCAD Loop drawings, MB drawings and DCS I/O assignment in Excel, STAHL remote I/O module documents into single integrated database in INtools for future expansion and merging of As-built plant data.