

## Leading Engineering Consultant Company Selects CADISON as a Complete Solution for Every Basic & Detailed Engineering

Udai Consultancy Service is one of the leading service providers of Basic and Detailed Engineering services for the Chemical Industry. They are capable of providing end to end Design Engineering services like Equipment Design, Equipment Specifications, Layouts, Section Drawings, P&I Diagrams, Piping Plans, Piping Isometrics, and more. The Design Team was working with basic CAD tools for the creation of Piping plans and Piping Isometrics in conventional methods. They were using the manual methods for the pipe routing and isometric drawings which results in the non-intelligent output. It was tedious and time-consuming; they wanted a solution which not only generates intelligent output but also saves time and resources.

They were in pursuit of a solution that is not only reliable and high end with smart features in the market but also cost-effective and economical at their organizational level. Before selecting a tool for the organization they analyzed and compared multiple parameters like their existing engineering platform, available skill set of their manpower, investment on the new tool, training, time saved, return on investment, and ultimately the business goals. Considering all aspects and after detailed analysis they decided to go with CADISON for the organization. Most of the users had expertise in working with AutoCAD Platform, they wanted a solution based on the same platform, and thus training the current resources on a new tool won't be a challenge.

### **CADISON - a Complete Fit for the Organization – Ease of use, Economical and functionalities as per requirements**

Since CADISON is based on the AutoCAD platform, the users could easily and quickly shift to CADISON and were able to become proficient in a short span of time. Another important reason to go for CADISON was the availability of support services locally and round the clock.

Being an Intelligent solution, CADISON has a built-in, centralized database system which helped them to store the design data effectively with seamless integration of design phases & communication between their multiple departments. With CADISON they could automatically generate the Isometrics, 2D GA drawings, Layouts, Section Creation, Report and other deliverables; thus, saved lots of time which they used to spend on manual creation of deliverables. The automated generation of piping isometric drawings is the best part of the solution for them. Piping Isometrics are among the most important drawings for the piping design in construction, as isometric drawings play a vital role in the design process and represent a complete, self-contained specification for the manufacturing of the piping design. With CADISON, it becomes easy to create 3D Piping models and generate isometric drawings from respective 3D Pipe models. It has become simplified and quick. Also the Logic Analyzer capability helped them to run the pre-defined check rules which reduced the erroneous outputs. Thus, Udai Consultancy has achieved to reduce the total man-hours with overall improved efficiency and better deliverables to their customers.

