

## CUSTOMER CASE STUDY

---

AVEVA Enables Rishabh Engineering Services to Streamline Their Workflow to Provide Faster, More Precise Work for Their Clients.

Rishabh Engineering Services - [www.rishabheng.com](http://www.rishabheng.com)  
Industry - Engineering Contractor

### Goals

- To reduce time and unnecessary work.
- To streamline information in the system.

### Challenges

- Unnecessary delays and prolonged work processes hurt profits.
- Disparate information in the system complicated things.

### AVEVA Solution

- 3D Plant Design Software

### Results

- 100% accuracy in BOM was reached.
- 99% accuracy achieved in the Scope of Work in their PDMS projects globally.
- 25% of total modelling hours were saved.
- 40% increase in accuracy of deliverables was achieved.
- Overall total time of project execution cycle was reduced.

**Vadodara, Gujarat, India** – Rishabh Engineering is an ISO 9001:2008 certified organization based in India. It offers multi-disciplinary engineering and design services and has completed over 700,000 successful man-hours in designing and modelling for Mechanical, Civil/Structural, Electrical & Instrumentation disciplines, mainly for US, European and Gulf-based clients. Some of their customers have worked for Fortune 500 companies.

Rishabh Engineering Services, a division of Rishabh Software, was established in 2006 and has offices worldwide. The company offers engineering and stress analysis, design and detailing, 3D modelling, as-built documentation, design validity checks and model and drawing conversion, and more.

### The importance of perceived added value

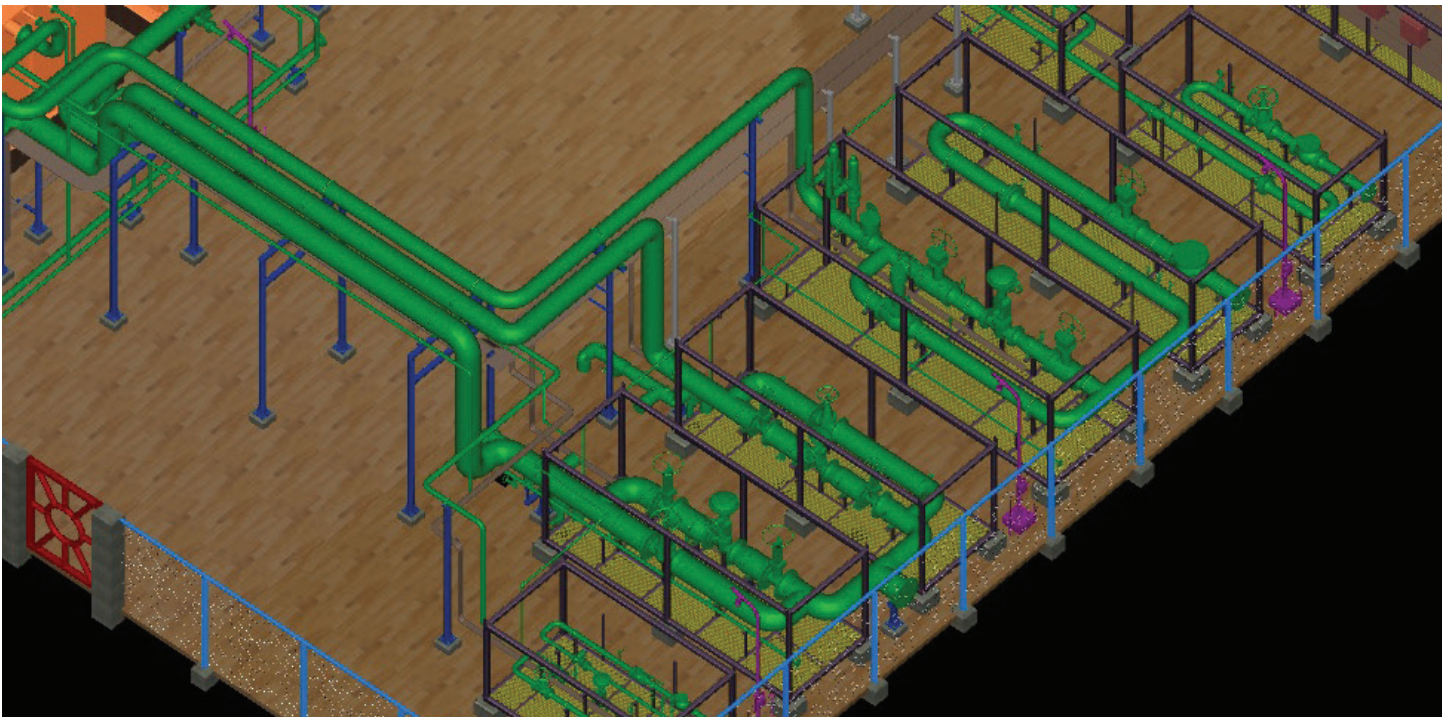
Rishabh operates in a very competitive market place, where it is important that companies offering engineering services are seen to add value for their customers with their skills, their approach, and their solutions. This added value can be improved

productivity, qualitative and timely delivery and reduced project costs. Much of this added value results from the quality of the engineering design tools offered.

### Getting it all together

Rishabh realised that the use of multiple tools by various engineers involved in a project can lead to confusion, time-wasting and errors. Valuable man-hours can be spent searching for information, and then moving that data between tools. Duplication of data also means that it is difficult to guarantee that all the information is up-to-date.

One area of concern to Rishabh was the need for improved clash tools in their portfolio. This was causing great inconvenience and delay when a model reached completion stage. Mismatching of elements at the construction phase can prove costly, as such elements need to be modified on site, causing delays. These costs can be avoided with the use of clash tools which create highly accurate 3D models in line with original designs, so that any mismatches are clearly identified.



## Achieving a competitive edge

To maintain and grow its position within its client sectors, it had to be seen to offer innovative and practical solutions, featuring the latest technology. It chose AVEVA to help achieve these aims. AVEVA's 3D plant design software is available on an integrated single platform and has now successfully effected significant savings in man-hours, while improving the quality of the 3D model.

## Well-integrated, easy-to-use software

Rishabh Engineering Services have found that their use of AVEVA's 3D plant design software has produced many quantifiable, as well as qualitative, benefits. Administrative capability and the software's open operability provide effective control over an entire project.

In summary, AVEVA's 3D plant design software has helped Rishabh Engineering Services to reduce the total time of a project execution cycle. It has enabled them to deliver projects extremely cost-effectively within budget, enhancing client satisfaction.

## High accuracy means high customer satisfaction

Today, Rishabh Engineering Services are now able to achieve 99% accuracy in the Scope of Work executed in their PDMS projects globally.

---

“The solution provided by AVEVA enhanced overall effectiveness of project execution and refined our team's efficiency. We are happy and our clients are greatly satisfied with our deliverables.”

-  
**Arpit Gupta,**  
Manager of Business Development, Rishabh Engineering

