

# CASE STUDY



CPS OIL AND GAS EQUIPMENT PVT. LTD.

## CPS OIL AND GAS GETS ITS PRODUCT DESIGNED, DEVELOPED & VALIDATED USING SOLIDWORKS SOLUTIONS

CPS Oil & Gas Equipment Pvt. Ltd. is India's largest manufacturer of Completion and Artificial lift equipment for the Oil & Gas industry. CPS started manufacturing of the equipment in the year 2012.

CPS is just a six year old company and in this short span CPS has captured a good market share by delivering good quality products. The company has expertise in manufacturing of Cast iron products like bridge plugs, cement retainers, gas lift products like valves and mandrels, this range is in addition to the completion and artificial lift equipment.

### CHALLENGES

- Frequent design changes required to meet constantly changing customer requirements.
- Competitive markets demand shorter development cycle
- Design Validation at different assembly sections
- Handling large assemblies

### SOLUTION

- Implementation of SOLIDWORKS Professional & Flow simulation, by Addonix Technologies Pvt Limited.

### CUSTOMER BENEFITS...

- Accelerated development process by quick iterations in the existing design/models
- Reduced design and development time by 40%
- With SOLIDWORKS FLOW SIMULATION, product quality has improved along with effective reduction in manufacturing costs

“Using SOLIDWORKS since last eight years, a user-friendly software introducing updated features enables quick design & development of products. With SOLIDWORKS & Solidworks Simulation CFD (Computation Flow Dynamics) analysis we have been able to develop high quality, reliable products for the oil and gas industry very efficiently”

Mr. Satyendra Katiyar  
Design Engineer

