



We empower organizations to realize their Process Improvement Goals



Manage Market Changes, Speed Up Operations

Manufacturing has been a critical economic force since the industrial revolution. That's not changing anytime soon. The Industry 4.0 era is shaping up to bring some changes and advancements to the manufacturing world.

Productivity and consistency solutions for the manufacturing industry help to reduce errors and improve efficiency.

Such solutions can help you to,

- Manage batch size's variations better,
- Optimise your process parameters quickly,
- Avoid multiple trial-and-error batches,
- Utilise Quality-by-design(QbD) approach.

Explore How....

Industries That Will Be Benefited

- 1) Pharmaceuticals
- 2) Chemicals
- 3) Speciality chemicals
- 4) Paint
- 5) Polymer
- 6) Food and Beverage
- 7) Cosmetics

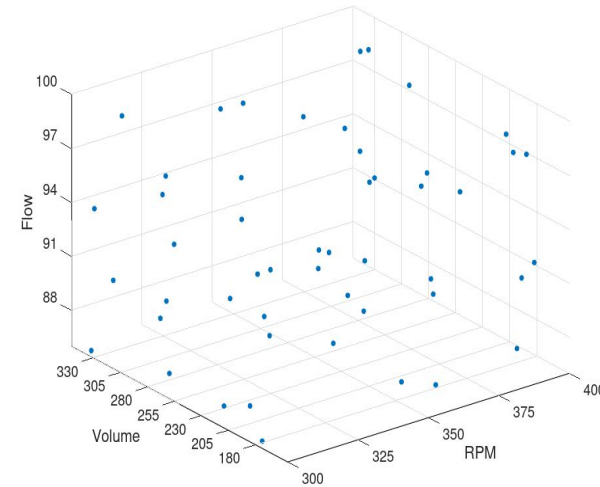


Leverage Computational Modeling And Statistical Design Of Experiments

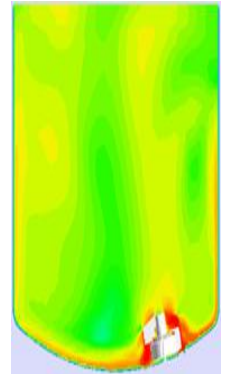
Asset optimization involves drawing an umbrella view of your process and market changes to maximize the performance and utilization of an asset.

DOE is a technique used to investigate the factors that affect the product performance. And, CFD analyzes process and equipment factor virtually and suggests optimum condition to get the desired quality.

This integration serves as a tool for quick process optimization for distinct batch sizes. This further helps to manage consistent quality and better production planning.



Design Space



Mixing tank



Global Experience
12+ Years

100+ R&D & Testing professional (with top talent
> 70 % masters / Post Doc.)

800+ Projects
Using Computational model-based technology

Worlds largest Flow Lab
Testing Facility

Working with Multinational & Multisectoral
fortune 100 Clients

Deep domain knowledge
with Technology penetration across functions

15 Patents Successfully delivered R&D
Projects leading to patents owned by our clients

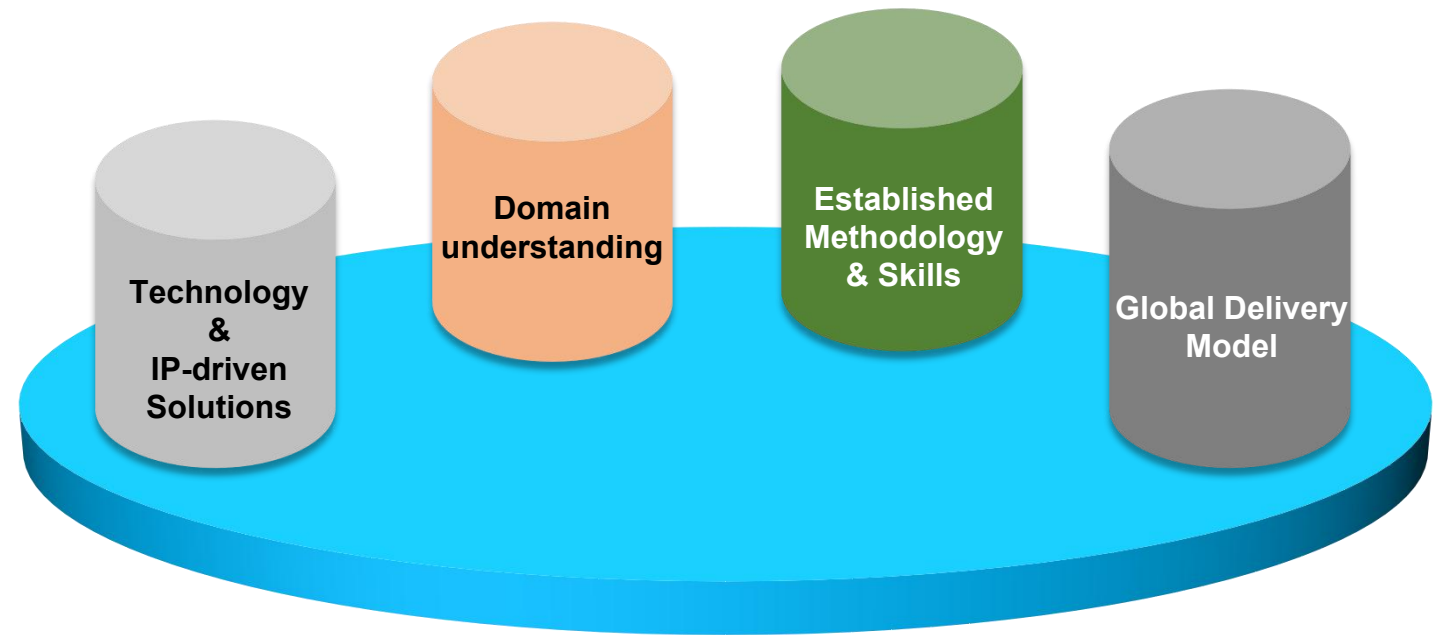
Approx. **1 Billion\$** customer savings using
computational model-based technology tools

20+ Applications
Developed for complex engineering calculations



Mission

**' To create value by developing innovative solutions
for our Customers'**



The Tridiagonal Engineering Platform

A 100+ R&D and Testing Professionals
providing innovative solutions with
multi-sectoral experience
(using computational technology)

Technology and Delivery Centers:

San Antonio | Houston | Pune, India

Sales Offices :

San Antonio | Houston | Pune, India

website :

www.tridiagonal.com