



Bringing you tomorrow's technology today.



Success Story

It's called success for a reason.

COUNTRY: THAILAND | INDUSTRY : PETROCHEMICAL AND REFINING | CUSTOMER: PTT GLOBAL CHEMICAL PUBLIC COMPANY LIMITED

About customer



PTT Global Chemical Public Company Limited (PTTGC) is Thailand's largest petrochemical and refining company with a capacity of producing daily 280,000 barrels of crude oil and condensate and annually 8.75 million tons of olefins and aromatics. Since the merger PTTGC, benefits from reduced manufacturing cost due to large volumes and reduced overhead cost by delivering value-added products within the downstream specialties sector under the same management umbrella. PTTGC also owns and operates production support facilities, such as jetty and buffer tank farm services for liquid chemical, oil and gas. Minor activities are production and distribution of electricity, water, steam and other utilities. Find more information from www.pttgcgroup.com

Customer testimonial

"ANSYS is the best CAE tool ever because of the ease of use, full functionalities in Structural and CFD analysis as well as couple analysis (FSI). It helps us to enhance our research quality and productivity to enable us to make correct decisions, understand better and analyze faster."

~ Mr. Nattapong Tarapoom, Researcher, R&D - Scale-up and Process Technology, Downstream Innovation

Aim: To be a leading chemical company for better living

ANSYS Solution



ANSYS Fluids



ANSYS Structures



ANSYS HPC

Benefits:

PTT Global Chemical gained benefit from using ANSYS by several factors, mainly in

- Process improvement and troubleshooting
- Product design and development
- Save cost and time (research, trial, maintenance)

Branding advantage:

- Increased customer satisfaction
- Maintain market-leading quality standards
- Ensure environment effect from production process
- Potentially turn to licensor

Quality:

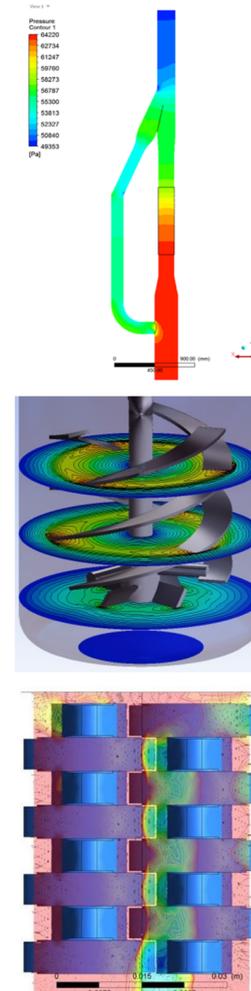
- Prevent shutdown situation by forecasting cause of problem
- Increase product capacity by increasing production efficiency
- Gain suitable/optimize design for new product and process in terms of engineering

Cost:

- Reduced design/prototype cost
- Reduced testing cost
- Reduced consulting fee cost
- Reduced redesigning raw material usage

Time:

- Reduced testing time
- Reduced repeatability and optimization time
- Reduced research and engineering time
- Reduced time to launch new performing products



Technology Training

System Integration

Software Development

Manufacturing R&D Center



Bringing you tomorrow's technology today.

SSCADIT00004/2016

Put our services to the test, contact us for a consultation today.
CAD-IT Consultants (Asia) Pte. Ltd. , Thailand Representative Office, 184

Ratchadaphisek Rd,

Unit 184/156, 25th Floor, Forum Tower,

HuayKwang, Bangkok 10310, Thailand

Tel:(662) 645 3127-9 | Fax:(662) 645 3968 | Email: thailand@cadit.com.sg

<http://www.cadit.com.sg/>

©2016 CAD-IT (Asia) Pte. Ltd. All Rights Reserved.

