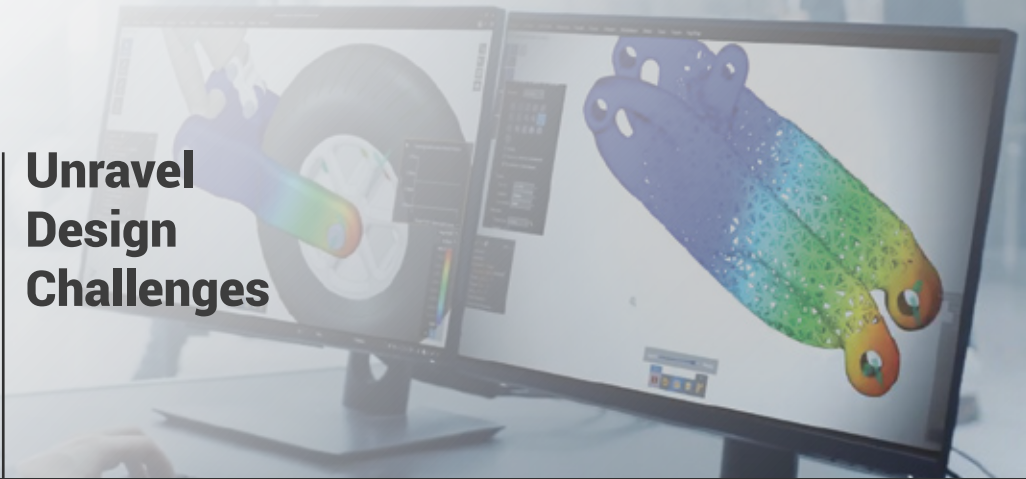




Unravel Design Challenges



Services

CONSULTANCY \
TRAINING \
CUSTOMIZED MODULE

CAE Consult is a multi-disciplined engineering consultancy providing clients with an innovative, friendly service and reliable solutions to ensure smooth pathway of design cycle from 3D modeling to CFD & FEA simulation.

The company is equipped with the capabilities to develop Digital Twin model & apply advanced analytics in your business workflow with our wide range of Deep Tech know-how.

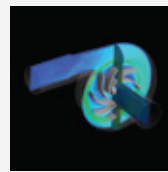
CAE Technical Capabilities



3D Modeling



FEA Analysis



CFD Analysis



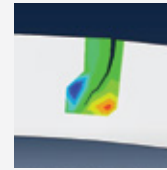
Structural



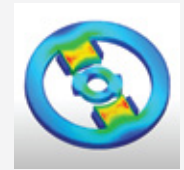
Modal



Thermal



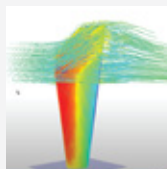
Fatigue & Crack



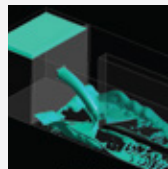
Electro Magnetic



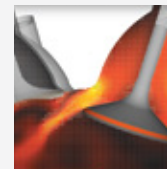
FSI



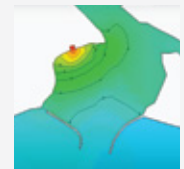
Aerodynamic



Multiphase

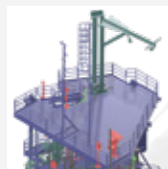


Species Transport



Heat Transfer

Digital Twin & Deep Tech



Digital Twin Asset Generation



Artificial Intelligent & Machine Learning



Consulting Portfolio

2021

- ↳ Client: PETRONAS
MoU with INFO-TRAX SDN BHD for Technical Data Service Contract (PETRONAS)
- ↳ Client: Aero Nusantara Sdn Bhd
Appointed as VTOL UAV Design Consultant by Aero Nusantara
- ↳ Client: Malaysian Nuclear Agency
Appointed as the Engineering Consultant for Tracer PIG Development project by Malaysia Nuclear Agency

2020

- ↳ Client: Petronas Research/UTP
CFD-DEM Modeling of Sand Particle Filtration
- ↳ Client: Petronas Research/UTP
Evaluation of Multiple Sand Filter Designs
- ↳ Client: Serba Dinamik Holdings
FEA Simulation of Subsea Drilling Structure
- ↳ Client: Technip FMC/AP Safetec
Thermal Plume Analysis of Intake & Outake Caissons of Offshore Jacket Structure
- ↳ Client: University Malaya (UM)
Fluid Structure Interaction (FSI) Simulation of Blood Flow in Artery

2019

- ↳ Client: Gyra Pipeline Inspection (HK) Ltd
Magnetic Simulation of MFL Pipeline Inspection Gauge
- ↳ Client: National University Malaysia (UKM)
FEA Simulation of Flood Resistance Construction Material Under Various Loading Conditions

2018

- ↳ CAE Consult was incorporated



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CAE Consult

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