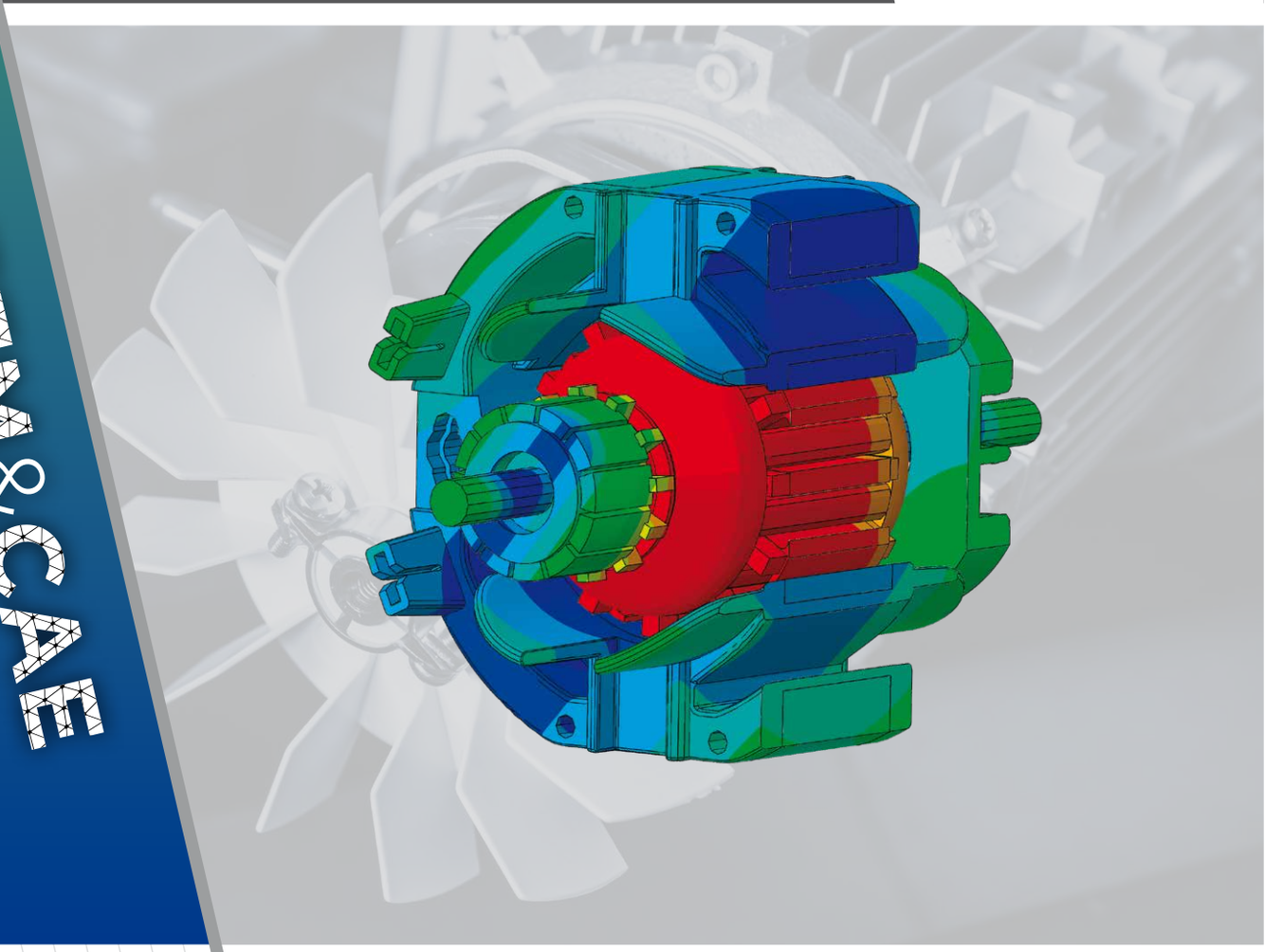
LTCALCOLI

Your partner in numerical analysis

- Electromagnetic FEM Analysis
- Thermal FEM Analysis
- Thermo - Structural FEM Analysis
- Dynamic & Vibroacoustic FEM Analysis
- Fluid Dynamic Analysis
- Structural Assessments according to ASME, EUROCODES, RCC-MR, SDC-IC standards

FEM&CAE



LTCALCOLI

Your partner in numerical analysis

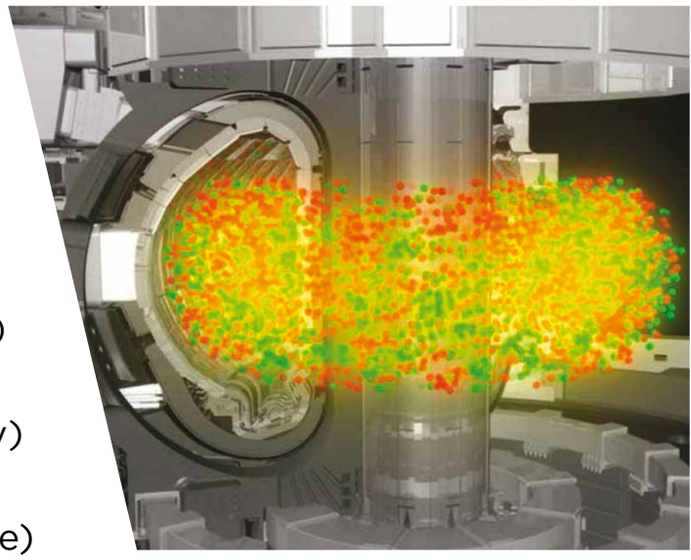
LTCalcoli operates since 1996 in several engineering fields, offering numerical analysis services aimed at design evaluation, design improvement and design optimization. Most numerical technologies used at LTCalcoli are based on Finite Elements Method.

DESIGN BY ANALYSIS SERVICES:

COMPONENTS OF NUCLEAR FUSION REACTORS

LTCalcoli Team is involved in the "Design by Analysis" of several Nuclear Fusion Reactors and of related components, among which:

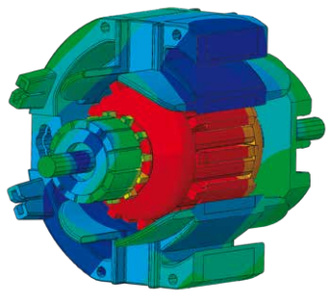
- **ITER**
  (International Thermonuclear Experimental Reactor)
- **DEMO**
  (ITER Evolution)
- **W7-X**
  (IPP Stellarator Fusion Reactor)
- **DTT**
  (Divertor Tokamak Test facility)
- **IGNITOR**
  (High Field Tokamak machine)

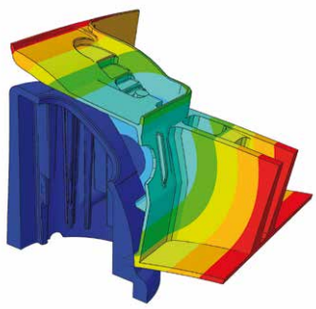


FEM&CAE

INDUSTRIAL COMPONENTS

LTCalcoli expertise in numerical analysis can support small, medium and large industries in the design, assessment and optimization of simple and complex systems, with the final objective of improving product performance and/or reducing "time to market".





LTCloud™

All the power of Virtual Prototyping on Cloud Application

Optimize the product by yourself in 3 steps:

STEP 1 Choose your model

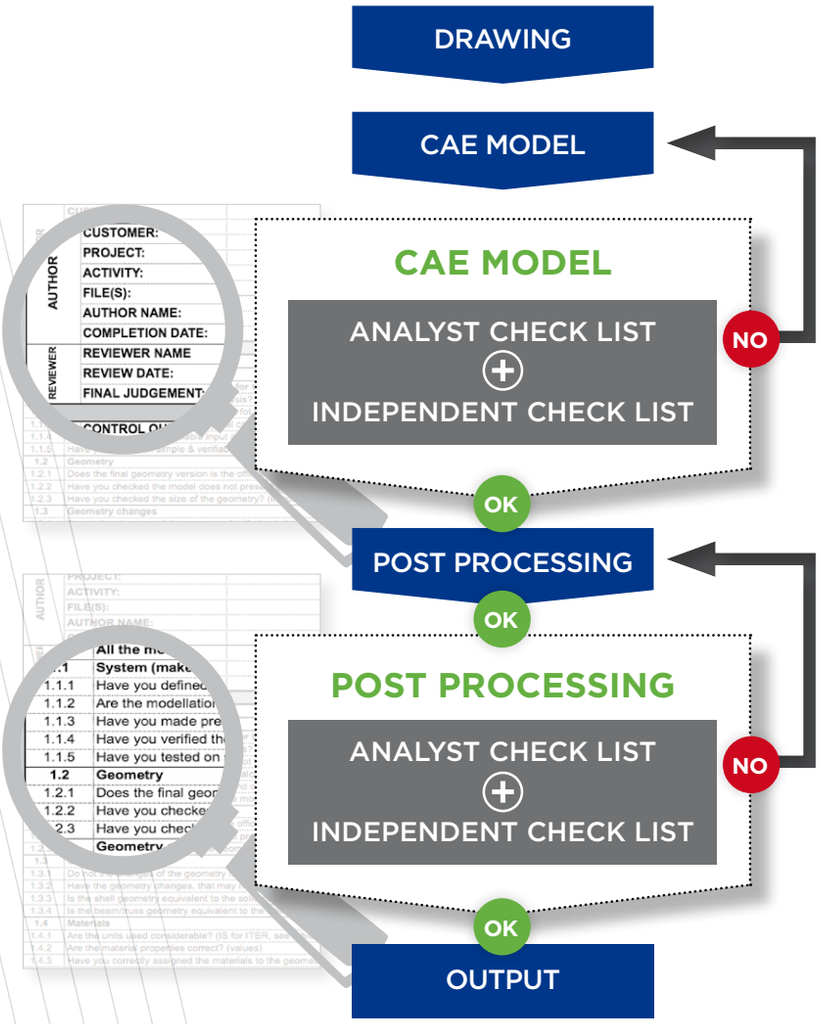
STEP 2 Insert your parameters

STEP 3 View your results

Benefits

- Minimizing model optimization cost
- Benefiting from super-computing infrastructure while paying only for the effective use
- Saving time acting directly on the calculation model
- Updating the results easily by changing the pre-defined parameters
- No need for FEM knowledge
- Reducing time to market

OUR QUALITY PROCEDURES



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