

PROCESS SIMULATION SOFTWARE

# CPA-TA



CONVERGENT  
MANUFACTURING TECHNOLOGIES

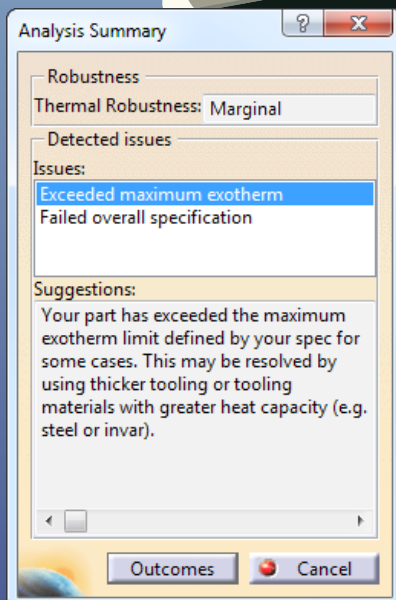
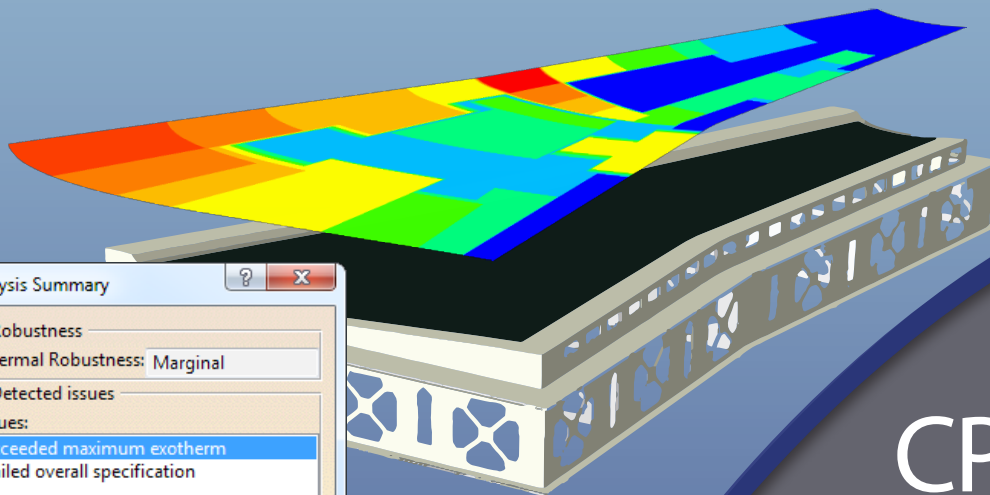
Composites Producibility Assessment  
Thermal Assessment

- ✓ Preliminary design aid
- ✓ Integrated into CATIA
- ✓ Easy to use

**Identify** potential thermal and cure issues before designing tooling

**Customize** using your processes, tooling, materials, and autoclaves and ovens

**Reduce** costs by minimizing unforeseen redesign



## CPA-TA Simulation Software

is designed to allow part designers to quickly identify if aspects of their preliminary design will lead to producibility issues when the part is manufactured using company-standard equipment. It integrates into the CATIA Composites Workbench and uses the power of RAVEN process simulation software and material files.

# CPA-TA Requirements

The Composites Producibility Assessment - Thermal Assessment tool is a CATIA plug-in.

It requires:

- CATIA Composites Workbench (CPD, CPE, CPM)
- RAVEN process simulation software
- Process specifications, material specifications, company practices, etc.
- Customized inputs to reflect company practices
- Initial setup by a materials and process engineer

