

UAES, China

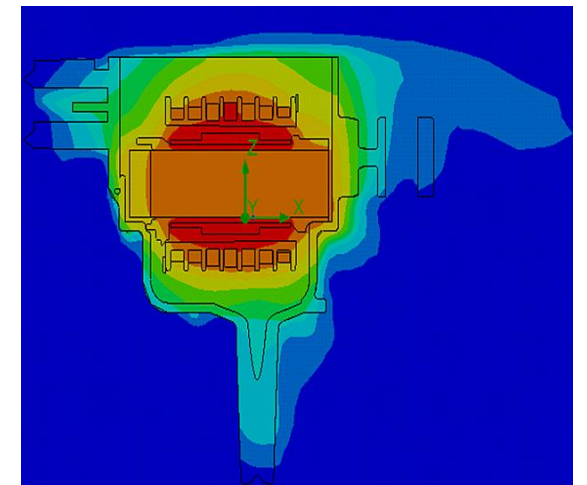
Simcenter Flotherm & Simcenter FLOEFD in product development

SIEMENS
Ingenuity for life



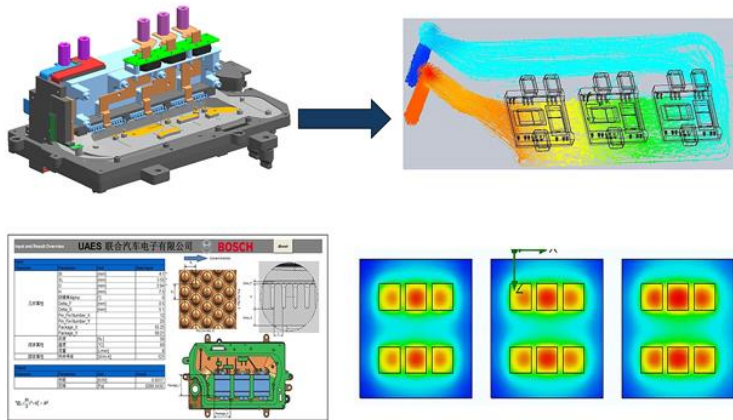
**Simcenter Flotherm and
Simcenter FLOEFD ensure
UAES' products meet thermal
performance specifications**

**Combining tools
keeps UAES ahead
of the completion
through improved
efficiency, cost
reduction and time-
to-market**

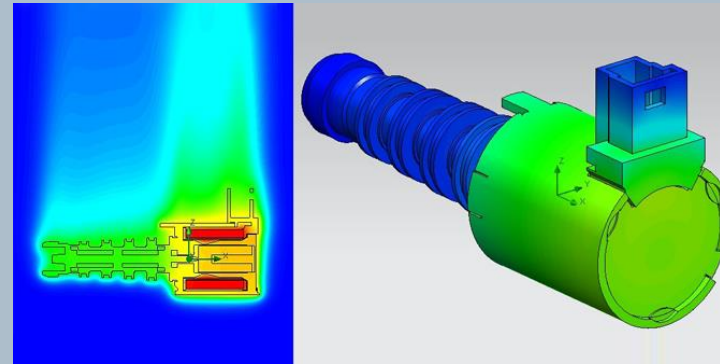


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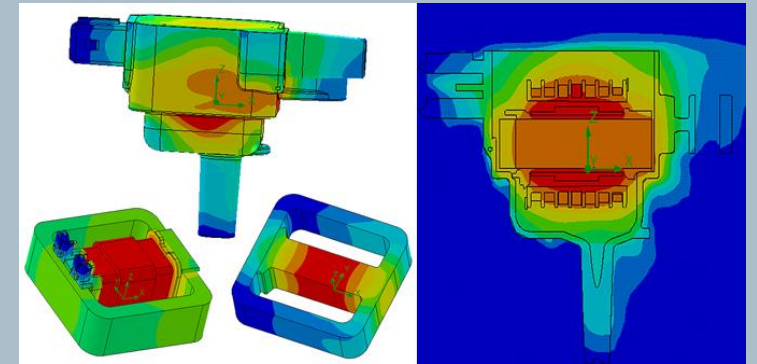
Simcenter Flotherm & Simcenter FLOEFD in product development



Simcenter solutions integrated into product development process



Stepper motor thermal simulation



Thermal analysis of the ignition coil with its component losses

- Various CFD based thermal/airflow design tools are available but choosing which one to use could reduce the value of the analysis or lengthen the overall design process
- The value of CFD based design analysis is maximized when a tool's specific strength is utilized as part of an overall design strategy

- The increasing demand in thermal management requires a recognition of the product development process and the introduction of an increased number of simulation steps

“At UAES, a Robert Bosch company, the thermal simulation of products takes an increasing role in the product development process.”

Boris Marovic, Industry Manager, Siemens Digital Industries Software