



KNOWLEDGE, INNOVATION AND SOLUTIONS FOR THE METALLURGY INDUSTRY

metal components and finished products

DIGITAL MANUFACTURING

The calculations underlying the simulation programs provide an objective prediction of what happens to the metal during the process; *this allows for a reduction in:*

TIME

Today, companies succeed if they get to market before their competitors.

For this reason, the time available for development is increasingly limited compared to the past; there is no room for errors in judgment that result in projects finishing late.

COSTS

All of this translates into cost savings; today, companies are increasingly being asked to reduce the costs of their manufactured products and assemblies.

Process virtualization makes it possible to significantly reduce—if not completely eliminate—prototyping.

MATERIALS

Saving on materials also means saving money and thus further reducing costs.

By adopting a CO-Design approach from the outset at all levels of the supply chain, virtual tools enable OEMs to reduce weight and safety factors and assess the impact of different materials on components.

DEFECTS

In other words, quality means knowing in advance the type, size, and number of surface and internal defects in the products.

Digitize your company's production process
with the technical team at ECOTRE VALENTE.

6 business lines

3 operational centers

With a presence
in **six digital sectors**,
ECOTRE VALENTE
offers advanced software,
training, and technical
services that promote
industrial innovation.

FOUNDRY AND STEEL
INDUSTRY

ADDITIVE
MANUFACTURING

HEAT
TREATMENTS

PLASTIC
DEFORMATION

CHIP REMOVAL

WELDING

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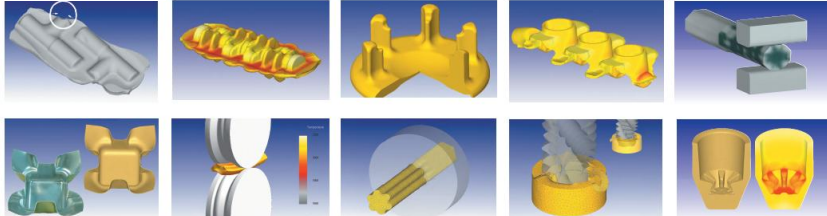
KEYSIGHT
Elite Partner

ProCAST - QuikCAST - SYSWELD
CASTING SIMULATION



Scientific Forming Technologies Corporation

DEFORM
FINITE ELEMENT TECHNOLOGY SOFTWARE



SOFTWARE CENTER

- Distribution of casting simulation software:
ProCAST, QuikCAST
- Distribution of deformation and metal forming simulation software:
DEFORM
- Distribution of welding simulation software:
SYSWELD

CONSULTANCY CENTER

Technical consulting and support for your engineering department in optimizing products, molds, machinery, and processes.

TRAINING CENTER

Our team of experts trains your staff on how to use the software and optimize your production processes.



**We solve your
metallurgical problems.**

ECOTRE VALENTE Srl

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