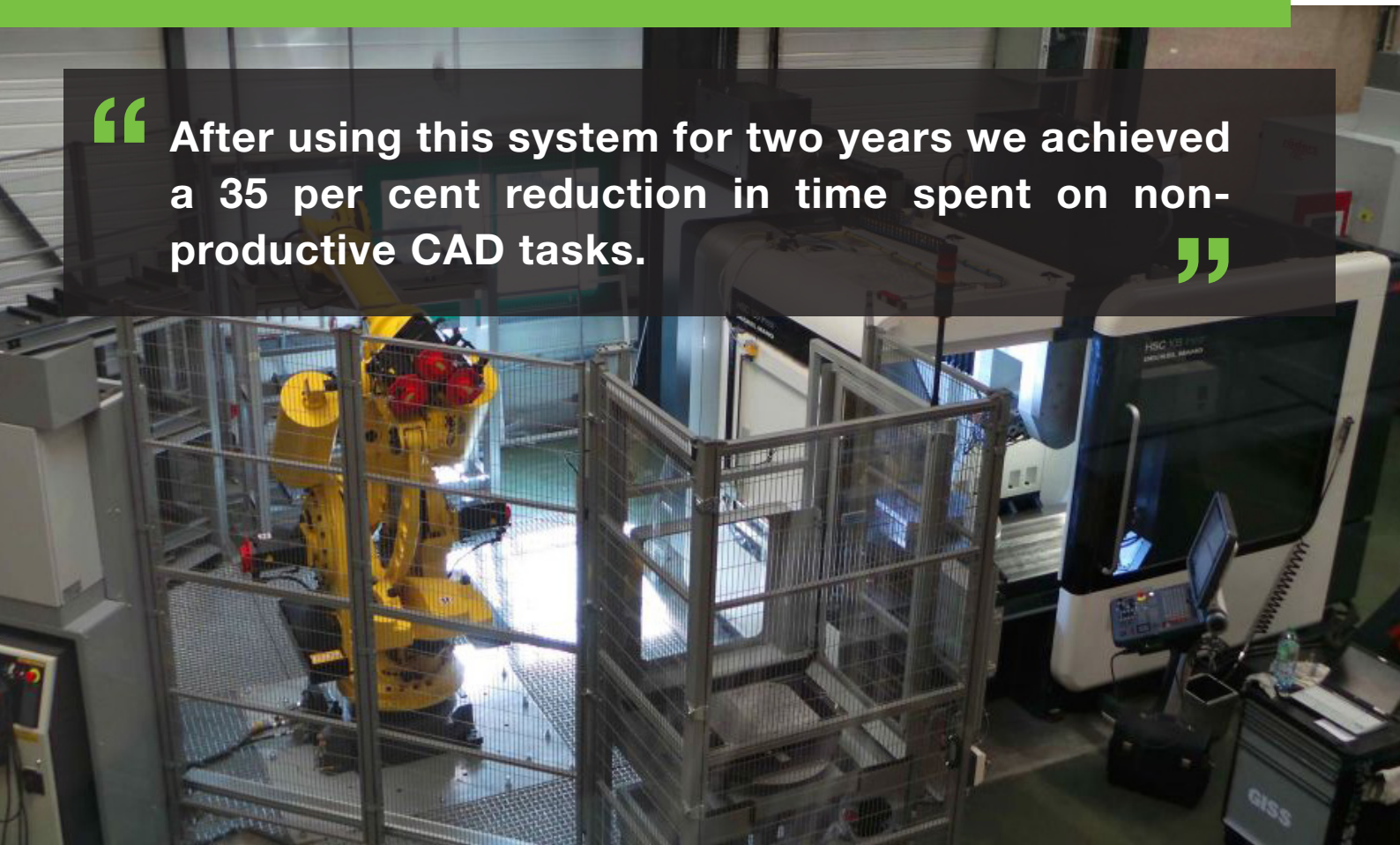




GEORGES PERNOUD

“ After using this system for two years we achieved a 35 per cent reduction in time spent on non-productive CAD tasks. ”



VISI is acknowledged as one of the world's leading PC based CAD CAM software solutions for the Mould & Die industries.

It offers a unique combination of applications, fully integrated wireframe, surface and solid modelling, comprehensive 2D, 3D and 5 axis machining strategies with dedicated high speed routines.

Industry specific applications for plastic injection tool design including material flow analysis and progressive die design with step-by-step unfolding provide the toolmaker with unsurpassed levels of productivity.

Georges Pernoud

Four Vero Solutions Optimise Georges Pernoud IT System For Industry 4.0

Preparing for Industry 4.0 was so important to an injection mould manufacturer that they tasked CAD/CAM provider Vero Software with optimising their I.T. system to cut the time taken on non-value-added CAD tasks by 35 per cent.

Based at Oyonnax in France, George Pernoud is a family-run business with around 100 employees, producing moulds for the automotive, domestic appliance and construction industries. CEO Gilles Pernoud says Vero's involvement has meant the approach to digitising their design and manufacturing aspects ensured end-to-end digital processing, and represents a global company project rather than just an I.T. scheme.

The company has worked with Vero products for 17 years. "We rely on innovation and productivity, and started digitising our systems in 2000. At that time we were looking for a 25 per cent reduction in the price of our tooling equipment to remain competitive."

Their most recent digital investment involved replacing the CAD system to cut time taken on tasks such as data recording, file transfer and translating, alongside the creation of technical documentation.

"This led to Vero Software optimising I.T. and integrating the VISI CAD solution for 3D tool design. We reorganised our processes to digitise each phase, and, above all, link them by eliminating any discontinuity in the digital workflow. This enabled us to remain competitive, and sustain design and technical engineering in France, while continuing to sell our moulds at the same time."

The VISI product suite is just one of four Vero Software packages currently in use by the company, as Gilles Pernoud explains: "After receiving data from our clients we use WorkXplore to analyse the geometry and rapidly supply a tooling feasibility report to the prime contractor. Then we move on to the actual project phase, using the VISI applications to design the tool and manage associated documentation."



About The Company:

Name:

Georges Pernoud

Business:

Family-run business with around 100 employees, producing moulds for the automotive, domestic appliance and construction industries.

Website:

www.pernoud.com/en/

Benefits Achieved:

- Cuts time taken on tasks.
- Can now link data through all phases.
- Can remain competitive.
- Can access data from any of the company's sites.
- 35% reduction in time spent on non-productive CAD tasks.

Comments:

"Incorporating VISI into the I.T. system has enhanced the company's reputation"

Giles Pernoud

CEO

Georges Pernoud



Using the WorkPLAN CAPE module allows Pernoud to link data both from the workshop and the CAD platform.

“Once the design is complete we recover all relevant CAD data, whether this has been generated internally, from our engineering office in India, or from the subcontractors.” And he says they have other procedures in place for recovering files originating in other CAD systems.

“Finally, we generate CNC programs for our machines with WorkNC using a native data transfer from VISI.”

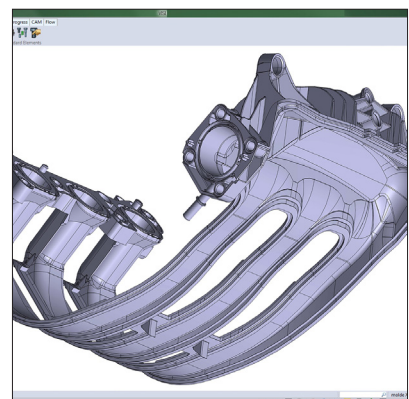
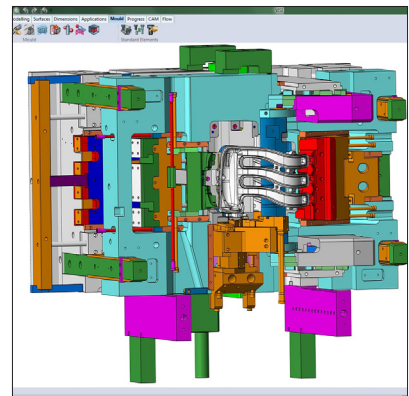
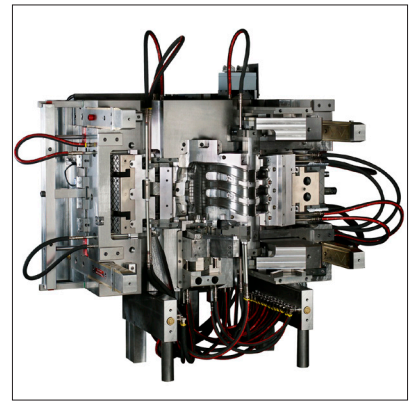
The whole process means data can be accessed from any of the company’s sites. “This includes Slovakia, where we have 25 staff providing after-sales service for moulds sold in Eastern Europe. They can access all project data from our headquarters in France...and the same process applies to our subsidiary in the United States.”

Gilles Pernoud says not only did Vero help implement the system, they also provided security access and database duplication, ensuring operational continuity in the case of network failures.

“After using this system for two years we achieved a 35 per cent reduction in time spent on non-productive CAD tasks. And we believe we can do even better by integrating the metrology branch, following Vero’s acquisition by the Hexagon Group.”

Finally, he says incorporating VISI into the I.T. system has enhanced the company’s reputation as it enables their prime contractors to access up-to-date technical elements of projects on their FTP site.

Vero Software’s Sales Manager for France, Antonio Parisse, says: “We’ve established a fully collaborative relationship with the Pernoud company. We consolidated everything for efficient communication between the engineering department and the workshop, and later with production control allowing us to adapt each of the different software solutions to meet their specific requirements and ensure full interoperability.”



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