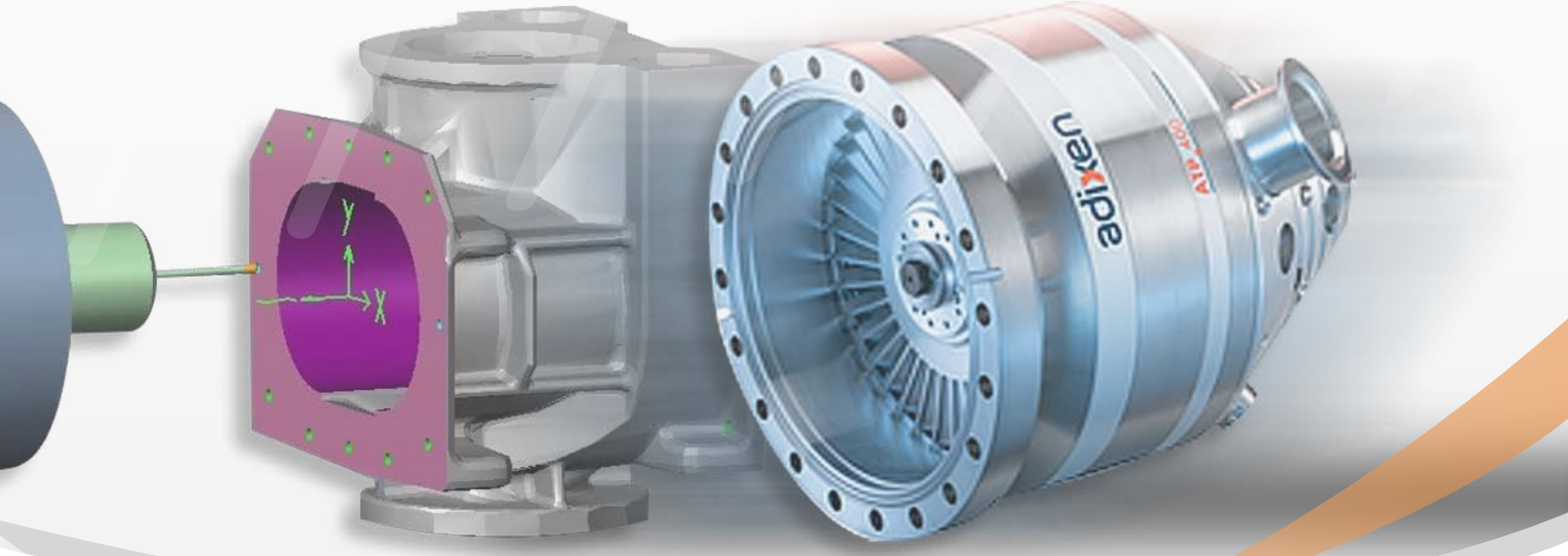
ADIXEN (ALCATEL VACUUM TECHNOLOGY)

Vacuum pumps for semi-conductors and instruments industry

SPRING TECHNOLOGIES
Machining as Designed

Success Story

NCSIMUL MACHINE



SPRING TECHNOLOGIES Headquarters - Immeuble Le Méliès - 261 rue de Paris 93556 Montreuil Cedex - France
Phone : +33 (0)1 43 60 25 00 - Fax : +33 (0)1 43 60 25 01 - Web : www.springplm.com

Information	
Industry :	Industrial equipment
Solution :	NCSIMUL Machine

adixen
by Alcatel Vacuum Technology

Company Overview

Alcatel Vacuum Technology is the world leader in vacuum technology and leak detection. The product range is made up of vacuum pumps, leak detectors, vacuum gauges, plasma sensors, vacuum valves, etc. and marketed under the Adixen brand.

The main markets the company is focused on are semi-conductors, instruments, production and R&D.

Challenges

The issue Alcatel Vacuum Technology was faced with was multiple. First, the company was looking for a way to manage its tools in the machine environment with collision prevention to troubleshoot occurrences of gouging…

Second, the competitive environment meant that it had to find a way to save time on program testing: indeed, time spent on debugging machining programs straight on the machine led to important costs. NCSIMUL Machine thus appeared as the prior solution before using the machines.

Benefits

By minimizing the use of the machine for debugging, NCSIMUL Machine allowed Alcatel Vacuum Technology to increase its productivity drastically: machines are now always dedicated to produce and only for that purpose. Another benefit is that all tool path incidents are now solved upstream, ever since the program development. As a consequence, there are now much more volunteers to debug programs among the employees because they know there is little risk.

They are so confident in NCSIMUL Machine that programs are sometimes started at night, without any operator monitoring the process. Lastly, NCSIMUL Machine allowed Alcatel Vacuum Technology to develop even more complex and efficient programs. Proofing programs in the process engineering office is secured and efficient since it displays the results in NCSIMUL Machine before taking them to the machine.

« *We spend three times less time on the machine by checking a job in NCSIMUL first. Besides, all tool path incidents are now solved upstream, ever since the program development stage. It is a fully interactive process.* »

Lionel FAVRE-FELIX
Process and machining Manager, Industrialization Dpt