

At the Heart of the Matter

Oscor Inc., located in Palm Harbor Florida, designs, develops, manufactures and markets a variety of highly specialized implantable cardiac pacing leads, venous access systems and diagnostic catheters. Oscor is also leveraging its proprietary lead technologies toward the development of new lead systems for a variety of cardiac and non-cardiac applications.

In 2005, the company started an in-house Automation Department with the purpose of designing and manufacturing a wide range of fixtures used in their production process. “From simple product fixtures to fully automated machinery, we are producing a lot of parts here in the shop made out of various materials: plastic, aluminum and stainless steel,” explains Klaus Pack, who runs Oscor’s Automation Department. His department has found that they can produce almost all fixturing work in-house with the exception of the occasional fixture that needs specialized finishing like power coating or anodizing.



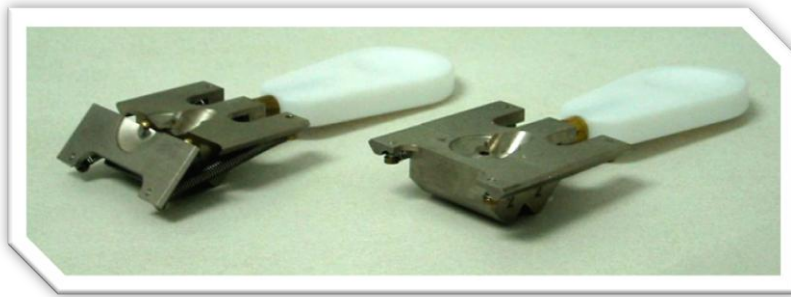
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VisualTURN has opened up a new world of complex parts we haven’t been able to produce in the past. ”

James Christopher
Lead Machinist
Oscor, Inc.

The Search for CAM

“When starting the automation department, we worked with Mastercam, which was shared with our tool room,” stated Pack. “When it came time to purchase our own CAM solution, we conducted a very thorough search.” According to Pack, they downloaded and evaluated numerous CAM solutions via the Internet until they finally decided on VisualMILL. “VisualMILL came out as the easiest to use, as well as a great value. It was also a significant benefit to our department that they offered a massive post library for different machines, included at no additional cost.” Pack’s department uses VisualMILL and VisualTURN to run their Hass VF1, Centroid M415, Smithy CNC 924, and Techno ISEL router.



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MecSoft even processed a sample part for our machine...and again at no charge.”

Bernard LaPlante
CAD-Drafter
Oscor, Inc.

Reducing Process Time

Since originally implementing VisualMILL, Oscor’s Automation Department has added more CNC equipment and a seat of VisualTURN, which has expanded their capabilities. “We have been able to design more and more complex devices and also speed up time for our production of the parts,” states Pack. “Changes can be done on a very easy and fast way so that adjustments are made in a short time. This also includes the fact that we can post only single steps for rework out of a bigger CAM structure. No need to separate programming.”

Bottom Line Results

Oscor's Automation Department has realized many benefits from using VisualMILL and VisualTURN. One that has seen immediate returns is the software's ease of use. "We have been able to use the software from the first day," states Pack enthusiastically. "The software was so intuitive, we very rarely use the training handbook. On the rare occasion we needed help, we received excellent and FAST phone support from Mecsoft." One of the bottom line benefits to VisualMILL and VisualTURN's ease of use is the reduced time needed to train new employees. Pack, who has over 20 years of CNC programming experience explains, "I have been very impressed how quickly a new employee can be trained on our software. This means that they can be productive in a shorter amount of time...which adds to our department's profitability."

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Kevin Blendenhofer
Machinist
Oscor, Inc.



Automation Team

Left to Right: Top Row – Bernard LaPlante, James Christopher, Jose Morones, Eric Johnson, Jan Boschert, Tim Hilmer. Bottom Row – Kevin Blendenhofer, Nick Damiano, Klaus Pack. Not in Photo: Tibor Farkas

Value to Our Customers

MecSoft is proud to offer tools that are an integral and important part of a company that is in the business of helping doctors heal people and save lives. Watching our CAM products being put to use in the hands of skilled craftsmen like Klaus and his team, is very gratifying.

About Oscor, Inc.



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