



**Strong partnerships are the foundation of success in today's global markets. By positioning ourselves with the leaders in technology, education and innovation we provide a wealth of proven solutions and support, tailored to fit your needs and requirements.**

**By carefully analyzing your company's unique challenges, emSOLVE's industry experts can help plan, design and implement your roadmap to success. By combining dynamic software solutions with our team of industry experts we can develop a customized solution that fits the demands of your business.**

**From Process planning, to design and manufacturing and product life cycle management, we offer the knowledge and expertise to help any business compete in today's competitive environment.**

## Support

emSOLVE is an organization of practical, innovative and dedicated professionals. This allows us to draw on a wide range of industry and systems experience and are backed by extensive in-house technical resources.

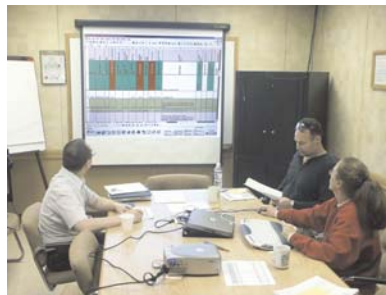
In addition to providing help desk and web-based support, emSOLVE has developed a wide variety of product specific Customer Service Support Programs.

Each Customer Service Support Program is designed to enable customers to realize the maximum return on their software investment by providing the on-site and off-site services of an Application Engineer experienced in the practical use of the solutions provided by emSOLVE.

Each Program is designed to get you up to speed as quickly as possible, maximize the users knowledge of the software we have supplied, and provide the fastest possible return on your investment.

## Training

When your organization has unique requirements, emSOLVE will develop custom classes to address your specific needs. This customization will include pre-training evaluation by an application engineer and customer-specific curriculum. In addition, post-training and on-the-job support will be provided to reinforce learning. We can deliver your



*Whether its Data Management, CAD, CAM, or PLM, emSOLVE provides the solutions and expertise required to assure maximum ROI.*

## Supplying Superior Service To Meet Your Every Need



*On-site training and support are provided by professionals who understand your business.*



custom training solution at your site or at our facilities. This guarantees a *total focus* on your training needs in a location that is the most cost-effective.

## Solution Partners

emSOLVE provides complete solutions by integrating operating system, application and enterprise software, as well as hardware ranging from workstations to machine tools and inspection devices.

Each solution partner is carefully selected by emSOLVE to assure we represent market leaders with products of the highest quality that provide the best value for our customers across all markets and applications.

Our partner portfolio enables us to truly act as a consulting organization and concentrate on offering the best solution for your business.



UGS is a leading company specializing in 3D and Product Lifecycle Management (PLM) software.

All stages of product development are supported, from conceptualization (CAID), to design (CAD), links to analysis (CAE), to manufacturing (CAM).

UGS flagship products include:

**NX:** A next-generation solution that powers innovation through digital product development. With the industry's broadest suite of integrated CAD, CAE and CAM applications, NX addresses the full range of design, engineering and manufacturing activities to transform the product development process.

**Teamcenter:** A solution that provides the collaborative design management functionality that your engineering teams needs to manage design data and communicate both internally and externally to your organization. Teamcenter enables you to maximize the efficiency of the product development and other supporting engineering processes to deliver new and more innovative products faster than your competition, while minimizing your costs and improving the productivity of your organization.

**NX CAM Express:** An in depth, highly flexible NC programming system that allows part manufacturers to maximize the value of their investments in the latest, most efficient and most capable machine tools.

**Solid Edge®:** Powerful 3D CAD software that allows manufacturing companies to transform their process of innovation and achieve competitive advantage through cost reduction, while increasing top line revenues.

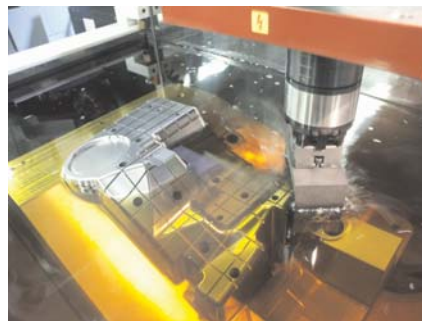


Makino is a company of many dimensions  
Makino is really many companies in one:  
A world leader in metal cutting and manufacturing technology. A manufacturer of machining centers, wire EDM and ram EDM machines. A software company and an application engineering company. A service company and a financing company. A turnkey engineering company and an integration services company. An automation company and a machine tool supplies company. A training company and a process technology company.



*Surface finishes obtained by using FF/CAM can drastically reduce, and in many cases eliminate costly bench work.*

### **Supplying Superior Service To Meet Your Every Need**



*With FF/CAM you can machine deep ribs at a fraction of the time and cost associated with the traditional EDM method.*

That's why Makino is all a manufacturer needs to machine parts more accurately, productively and at a lower cost per part.

**FF/CAM** products represent many years of Makino's practical experience and applies this to a process database utilizing the latest in High-Speed milling techniques.

While many companies claim HSM capabilities, Makino is recognized as the world leader in HSM machining technologies and experience.

While many factors contribute to true HSM machining, the first is the development of solid NC data utilizing a wide range of strategies tuned especially for HSM.

**FF/CAM** products provide a wide range of strategies tuned especially for HSM. These strategies are provided in a format that is easy and quick to utilize.

By utilizing the built in process and tool databases, creating a toolpath is as simple as specifying the desired tool, defining the Workpiece to be Machined, and selecting the Part Shape/Strategy required.

Because the machining conditions are set automatically, the programming work is kept to a minimum thereby reducing programming time and most importantly, user error.

Utilizing process templates, you can also implement company-wide strategies to maximize efficiency.

Integrating **FF/CAM** into your companies processes not only helps your company succeed, but leverages Makino's years of machining knowledge at your fingertips resulting in :

- Superior Surface Finishes
- Reduction in Downstream Operations
- Decreased Bench Time
- Improved Cutter Life and Efficiency

## **Technology, Support Partnerships**

Through any combination of emSOLVE services and products, you will optimize your product, part, and tooling creation process. We will help you to speed your time-to-market, increase your efficiency and achieve high predictable profits.

Technology, Support and Partnerships, that is what emSOLVE is about. As a vital and critical partner in your organization we will help make your plans and profits a reality.