

## PRESS RELEASE

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### **Soft Servo Systems Has Integrated Their PC-Based CNC Solutions with PartMaker CAD/CAM**

*Soft Servo Systems Announces Partnership with International Manufacturing Computer Services Inc.*

WALTHAM, MA – November 11, 2004 – Soft Servo Systems, Inc., a pioneer in providing all-software CNC solutions for machine tool builders, has integrated PartMaker™ CAD/CAM with its line of CNC products for mills and lathes.

Soft Servo's entire product line is based on its ServoWorks™ technology: innovative, PC-based soft motion technology for real-time motion/CNC control. With ServoWorks, a single PC performs all servo control, including feedback loops and NC path generation, as well as providing the user interface, data processing, plant monitoring, network communication, file management, and CAD/CAM. This host PC can run on Windows NT/ 2000/ XP/ XPe, with a real-time extension to the operating system.

As part of its mission to provide complete and high-performing CNC solutions to machine builders, Soft Servo Systems has always included integrated soft PLC with its CNC, as well as integrated servo configuration, tuning and testing software. Integrating CAD/CAM is a natural extension of Soft Servo's desire to offer their customers turnkey CNC packages that leverage the latest developments in information and software technologies. Soft Servo's customers can use PartMaker to generate NC programs configured to the specific NC format used by each Soft Servo CNC product. Users of virtually any CAD system can seamlessly import their designs directly into PartMaker for CNC programming.

Soft Servo offers PartMaker CAM packages for its S-100T™, S-100M™ and S-120M™ products. The S-100T is a complete CNC solution for lathes and turning machines providing 2-axis motion control with a spindle, or 3-axis motion control including a C axis. The S-100M and S-120M are innovative industrial CNC controllers for mills and machining centers: the S-100M controls up to 4 axes including a spindle; the S-120M controls up to 8 axes, including four CNC axes, PLC axes and a spindle. The S-100M and S-120M can be used for three- or four-axis mills and machining centers; laser, plasma and waterjet cutting machines; EDM machines; grinding and shearing machines, etc. All three products feature a block processing time of 1000 blocks/sec. Each is available as a PC package with an industrial panel PC designed specifically for use with these controllers.

PartMaker is a Knowledge Based Machining system, allowing it to provide a substantial gain in programming efficiency by remembering the tools, material and process information necessary

to machine individual part features. It eliminates redundant programming of machine functions and improves productivity by placing the emphasis on tool management functions. The new PartMaker Version 7.0 can simulate the entire machining process in graphical 3D, allowing the programmer to prove the part program before running production, preventing process errors and ensuring that the resulting machined model of the part is as desired. PartMaker Version 7.0 also features the new Surface Machining Wizard, implementing tool path generation and machining strategies for milling of free shape, three-dimensional surfaces.

Boo-Ho Yang, the President of Soft Servo Systems, Inc. says "PartMaker's CAM is very convenient and powerful, with a well-developed tool library. We're excited to offer our customers an integrated CNC and CAD/CAM solution to simplify their part programming tasks and increase productivity with off-line part programming and the elimination of post-processing editing."

PartMaker is a natural fit as a CNC programming solution for Soft Servo Systems' PC-based CNC products. Both product lines are reliable, affordable and versatile. Both provide intuitive Windows-based GUI interfaces, are user-friendly yet powerful, and facilitate customers in producing high-quality parts quickly, easily and reliably.

#### **About Soft Servo Systems, Inc.**

Soft Servo Systems, Inc., founded by MIT professionals, is the leading provider of PC-based motion control products that use a single host CPU to perform all real-time control operations. Soft Servo Systems was the first U.S.-based company to introduce PC-based, open architecture CNC for lathes, machining centers and laser cutting machines. Soft Servo's product lines include CNC and general motion controllers with VersioBus™ fiber-optic, IEEE 1394, MECHATROLINK™ or SSCNET™ servo communications. More information is available at [www.softservo.com](http://www.softservo.com).

#### **About International Manufacturing Computer Services Inc.**

International Manufacturing Computer Services Inc. (IMCS), the developer of PartMaker, was founded in 1991 with the vision of introducing Knowledge Based Machining to CNC Programming. This major advancement is a departure from sequential process planning and saves as much as 70% in programming time. IMCS' mission is to help manufacturers create and validate CNC programs more easily by providing a cost effective CAD/CAM system making operations involving CNC Mills, Lathes, Turn-Mill Centers and Swiss-type lathes more productive immediately. It seeks to do so by developing, marketing, maintaining, and supporting software that is easy to learn, easy to use, and adaptable to users' unique needs. More information is available at [www.partmaker.com](http://www.partmaker.com).

#### **Press Contact:**

Leigh Sobran  
Soft Servo Systems, Inc.  
781-891-9555  
[lsobran@softservo.com](mailto:lsobran@softservo.com)