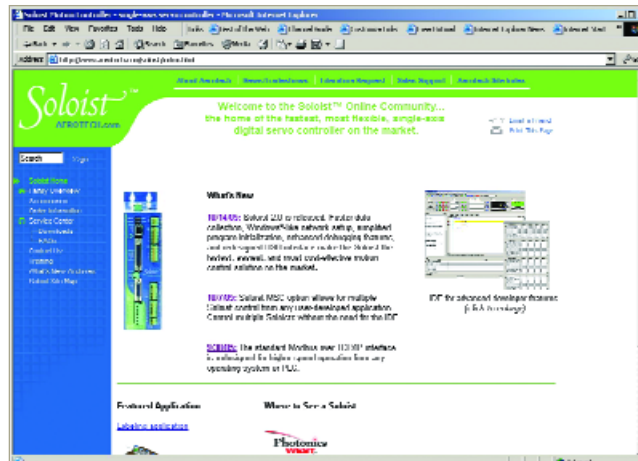




The Soloist™ Online Community is now Live!

Aerotech recently created our Soloist™ Online Community, a comprehensive resource dedicated specifically to our customers using the Soloist™ single-axis digital servo controller. It is designed to guarantee that our customers get the most out of their purchase. The community includes complete service and support information including model [features](#) and [specifications](#), [accessories](#), [ordering information](#), a [service center](#) with software [downloads](#) and [FAQs](#), [training information](#), and much more!



Please [CLICK HERE](#) to view our Soloist™ Online Community.

Aerotech Contributes to the Design News Article, “Consider the ‘No Touch’ Solution”

Air bearings could be the answer to your automation application needs

The accuracy, smooth motion, and no maintenance benefits of air bearings are increasing their use in industries from food processing to medical applications, while air bearings still maintain a strong market niche in the semiconductor industry. Aerotech’s Al Ciez, Manager of Aerotech’s Positioning Systems Division, discusses the benefits of air bearings with Design News’ Lawrence D. Maloney. In addition, the views of several other air-bearing manufacturers are featured.

[CLICK HERE](#) to read the article.

Optical Mounts/Gimbals Brochure Available In German

Aerotech’s popular brochure presenting our full line of optical mounts and gimbals has been translated into German. The brochure is available for viewing from our website and as a hard copy.

[CLICK HERE](#) to view the brochure on our website.

[CLICK HERE](#) to order a hard copy of the brochure.



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Latest Software Releases

Upcoming Tradeshows

Productronica 2005
Munich, Germany
Booth B5.452
November 15-18, 2005
<http://www.productronica.de>

Precisiebeurs 2005
Eindhoven, Netherlands
November 30-December 1, 2005
<http://www.precisiebeurs.nl>

Photonics West 2006
San Jose Convention Center
San Jose, CA
Booth 1627
January 24-26, 2006
<http://www.spie.org/info/pw/>

To schedule a meeting with an Aerotech Application Engineer at a tradeshow, please [click here](#). If you would like more information about Aerotech or any of our products or services, please contact us at:

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Motion Control and Positioning Library

This resource provides a short summary and a link to articles, tutorials, white papers, and other materials that discuss problems and solutions involving motion control and positioning equipment and systems.

Articles

Ready, Aim, FireWire

A discussion of the new standard 1394AP for Application Protocol that was developed to allow motion, vision, and I/O products from multiple vendors to function on a FireWire® network. Read the full article [HERE](#).

Air Bearings Aid Assembly of Flat Panel Displays

Many manufacturing processes for flat panel displays (FPDs) require precision motion control for feature generation and inspection. Aerostatic bearings are an excellent choice for many of these processes, because they allow precise, repeatable motion; are clean-room compatible; and are maintenance-free. Read the full article [HERE](#).

Smooth Moves

The continuously increasing consumer desire for higher performance automobiles drives requirements for industrial automation and, more specifically, motion control. These motion control automation challenges affect parts manufacturing for fuel injection systems, transmissions, assembly processes, and every other major component in a modern automobile. In this article we focus on the current state-of-the-art in the manufacture of fuel injector nozzles. Read the full article [HERE](#).

Kinematics and Precision Stages Drive Laser Welding

Real-time kinematics coupled with direct-drive positioning systems provide the highest performance solution for laser seam-welding applications. The higher throughput, lower maintenance, and improved part quality available with this approach result in a system with the lowest total cost of ownership. Read the full article [HERE](#).

Standards Organizations

1394 Trade Association

<http://www.1394ta.org>

ISA, the International Society for Measurement and Control

<http://www.isa.org>

IEC

<http://www.iec.ch>

ISO

<http://www.iso.org>

Latest Software Releases

This link will take you to a list of the latest revisions of Aerotech software, providing a handy method of checking to see that your Aerotech software, and hence your Aerotech system, is working at peak efficiency. All Aerotech software is available for instant download from our website — just click the software title!

[CLICK HERE](#) to view Latest Software Releases.

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