



## **PRESS RELEASE**

### **Contacts:**

Sean Riley  
MathStar, Inc.  
sean.riley@mathstar.com  
503.726.5500

Jeff Hardison  
McClenahan Bruer Communications  
jeff@mcbu.com  
503.546.1000

### **FOR IMMEDIATE RELEASE**

## **MathStar, Inc. Announces Professional Video Library for the Field Programmable Object Array™ (FPOA™)**

HILLSBORO, April 24, 2006 – MathStar, Inc. (Nasdaq:MATH) today introduced the Professional Video Library for the Field Programmable Object Array (FPOA). The first intellectual property in the Library is an MPEG2 Multi-Stream Decoder for the MOA1400D FPOA device. MathStar's Professional Video Library roadmap includes support for additional video decoders and encoders as well as image processing applications.

When running on an MOA1400D, the MPEG2 Multi-Stream decoder supports up to four simultaneous standard definition video streams, or a single high-definition video stream. Since the MOA1400D FPOA is a re-programmable device, it can be reconfigured in the field to support many different types of video decoders. The MOA1400D operates at speeds up to 1 Gigahertz, making it two to four times faster than currently available field programmable gate arrays (FPGAs).

“MathStar's re-programmable FPOA can be used for a wide variety of professional video applications,” said Dan Sweeney, MathStar COO. “The performance of an FPOA allows it to be used as a programmable video decoder, encoder or image processor. In addition to MPEG2 multi-stream decoding, the FPOA can be configured to perform high-speed image processing algorithms such as motion detection, edge detection and real-time image enhancement.”

“MathStar's FPOA technology enables a whole new class of video encoder products,” said Bob Kniskern, president of Adaptive Micro-Ware, Inc. “Adaptive Micro-Ware plans to develop high-performance professional video products around the FPOA.”

The MPEG2 Multi-Stream Decoder is available directly from MathStar. For pricing and delivery options, please contact MathStar at [www.mathstar.com](http://www.mathstar.com).

### ***About MathStar's Field Programmable Object Array Technology***

MathStar is a fabless semiconductor company that designs, manufactures and markets a new class of programmable logic chips called Field Programmable Object Arrays™. FPOAs are high-performance, re-programmable integrated circuits based on proprietary Silicon Object™ technology.

MathStar's re-programmable Field Programmable Object Array can process logic functions at a clock rate up to 1 Gigahertz, much faster than current commercially available programmable logic devices. MathStar's flagship product, the MOA1400D FPOA, represents a powerful solution that is ideal for digital signal processing and filtering applications in the machine vision, video processing, medical imaging and military/aerospace markets. FPOAs are available now and supported by a wide range of development tools, libraries, application notes and technical documentation. For more information, please visit [www.mathstar.com](http://www.mathstar.com).

*Statements in this press release, other than historical information, may be "forward-looking" in nature within the meaning of Section 21E the Private Securities Litigation Reform Act of 1995 and are subject to various risks, uncertainties and assumptions. These statements are based on management's current expectations, estimates and projections about MathStar and its industry and include, but are not limited to, those set forth in the section of MathStar's Annual Report on Form 10-K filed with the Securities and Exchange Commission on March 31, 2006 under the heading "Risk Factors." MathStar undertakes no obligation to update any forward-looking statements in order to reflect events or circumstances that may arise after the date of this release.*