

## ***Motion Control Using OMS-EZ™ Commands***

- OMS motion controllers can be used for most applications requiring motion control. OMS offers the precision required for a scanning electron microscope to the flexibility needed in assembly line packaging, OMS controllers do the job.
- The power of the OMS-EZ™ command set is its simplicity and versatility. The value of the OMS command set is realized by a rapid time-to-market and easy maintenance by non-computer experts. In addition, real-time Application Programmers now have the ability to build systems that will react to external events and trigger ancillary processes through a single motion control interface.
- The OMS-EZ™ command set is universal across our product families. For example, the command to move an axis on one controller is the same command on another. When the requirements of an application change you can use the newest, most cost-effective, controller without a major "overhaul" of the software... be it servo, stepper or a change bus structure.
- OMS-EZ™ commands are composed of ASCII character strings, such as MR1000 (meaning Move Relative 1000 steps). A complete motion control project may often be accomplished using a simple text editor or word processor. Just type the desired command sequence into the text editor and send it off to an OMS controller.
- Interactive applications combining data acquisition boards, video frame grabbers, etc., can be written using C/C++, Basic or any other programming language. Drivers, DLLs and example code is available at no charge on diskettes or from our Web page on the Internet ([www.OMSmotion.com](http://www.OMSmotion.com)).
- The following pages outline application examples for OMS controllers and OMS-EZ™ commands to perform the tasks.