



Microimaging Applications Group
5933 Coronado Lane
Pleasanton, CA 94588
tel 925.463.0200
fax 925.463.0204
www.MAGworldwide.com

LETTER FROM THE PRESIDENT

Dear Customers:

With the recent announcement of the formation of the Microimaging Applications Group (MAG), I thought it would be useful to provide some additional perspective on what this new, dynamic group is all about.

Each of you has come to know — and rely on — one or more of our group's members for many different reasons. Although these companies (Gatan, Media Cybernetics, Photometrics, and QImaging) are certainly unique, all ultimately focus on providing high-performance products designed to solve problems facing microscopists everywhere. Collectively, the MAG companies offer the broadest range of imaging devices available for applications ranging from materials sciences to life sciences, as well as from simple image acquisition to more complex data gathering, including high-speed imaging and spectral acquisition and analysis.

Intelligently matched combinations of our hardware and software provide powerful tools for everything from photodocumentation to elaborate light and electron energy loss spectroscopy. Our digital cameras are the most sensitive on the market today. The high sensitivity, low noise, and high acquisition speed afforded by these products allow scientists to address virtually any imaging and analytical need using any optical input, including light microscopy (LM), transmission electron microscopy (TEM), x-ray microscopy (XuM), and scanning electron microscopy (SEM). For electron microscopists, a complete line of specimen preparation and specimen holder products are also available.

Software support for our hardware comes from two programs widely considered to be industry standards: Gatan's DigitalMicrograph™ and Media Cybernetics' Image-Pro® Plus. Each of these programs supports a scripting language that makes it possible for users to create custom applications that best suit their particular needs. Accessory modules for both programs provide valuable extensions to the core program, yielding maximum performance via professionally developed applications.

Multidimensional data acquisition, analysis, and visualization is our forte. Whether these data are derived from energy loss spectrometers, cathodoluminescence detectors, innovative light-dispersive spectral imaging tools, or serially sectioned electron microscope (EM) samples, we control the key characteristics of detector and software. As manufacturers of so many types of digital imaging devices, we have an enormous amount of experience optimizing acquisition to facilitate the best analysis of microscopy data.

Our cameras utilize advanced sensor technologies that run the gamut from interline-transfer color and monochrome CCDs to back-illuminated, electron-multiplying CCDs (EMCCDs). Renowned for their superb sensitivity and quantitative stability, our 16-bit Photometrics back-illuminated EMCCD cameras push the envelope with liquid-free thermoelectric cooling down to -80°C and guaranteed lifetime vacuum performance. Through Gatan, we offer microscopists a number of fiberoptically coupled, 16-bit, front- and back-illuminated CCD cameras for TEM applications, as well as the ability to obtain 3D data at remarkably fine depth resolution by using a high-precision, *in situ* ultra-microtome within a variable-pressure, field-emission scanning electron microscope.

MEMO



Microimaging Applications Group
5933 Coronado Lane
Pleasanton, CA 94588
tel 925.463.0200
fax 925.463.0204
www.MAGworldwide.com

Our value-added approach is also clearly visible in the design and implementation of our QImaging cameras. As the first camera manufacturer to unite the simplicity of a FireWire interface with easy-to-use software, QImaging has taken a leading position in the photodocumentation and fluorescence microscopy markets.

A global presence for the Microimaging Applications Group is provided by our worldwide network of offices and distributor channels. The group's direct outlets include ten offices throughout Asia and Europe. Each office offers pre- and post-sales applications support as well as product service via either on-site, factory-trained personnel or return-to-factory mechanisms. Our MAG Biosystems and Gatan product lines are supported by a large network of field service personnel skilled in both on-site troubleshooting and the repair of complex systems. Distributors and representatives augment our direct support team, offering expertise in customer support, system integration, and authorized factory service.

With more than 400 employees worldwide, a range of products unparalleled in the industry, and an extensive network of distribution partners, the Microimaging Applications Group is the premier provider of customer-focused hardware and software for the microscopist who demands and needs superlative instrumentation for problem solving.

To see our complete array of products, please visit www.MAGworldwide.com and browse our individual company websites.

Sincerely,

A handwritten signature in black ink that reads 'Thomas G. Connelly'. The signature is written in a cursive, flowing style.

Thomas G. Connelly, Ph.D.
MAG President