

# Pyramidal Technologies launches ALIAS in Latin America

Led by President and CEO Mike Barrett, the automated forensic ballistics pioneer Pyramidal Technologies Ltd. announced the availability of the ALIAS Advanced Ballistics Analysis System in Mexico and throughout Latin America. Pyramidal Technologies executives were in Mexico City in April demonstrating the system to law enforcement agencies.

"ALIAS is the next generation in forensic ballistics because it brings a 3-D imaging, correlation, visualization and confirmation system that delivers an exponential increase in bullet and cartridge case data available for analysis," stated Barrett, who was inspired to create ALIAS.

"After a brief retirement, I returned to forensic ballistics as the Firearms Examiner and Firearms Section Technical Lead at the San Mateo County Sheriff's Office," Barrett said. "At the same time, colleagues asked if I could do something, so I assembled an expert team to re-introduce state-of-the-art software, hardware and cartridge scanning technology to law enforcement agencies around the world. The goal of ALIAS is to solve more crimes, convict more criminals, and save more lives taken each year as a result of criminal firearms use."

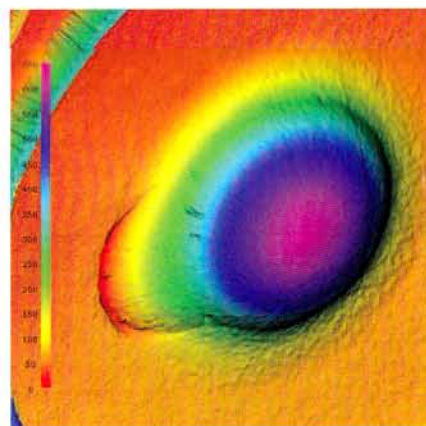
ALIAS is a full 3-D imaging, correlation, visualization and confirmation system that builds visually rich 3-D cartridge images, then provides powerful software tools to analyze them using topographically sensitive colorization and adjustable light source and axis orientation.

ALIAS image data is captured by the world's finest Swiss-built, application-specific interferometer and then processed with a thoroughly modern 64-bit computing and application architecture that rapidly defines 3-D data with patented algorithms and methodologies.

A human hair measures approximately 100 microns wide. ALIAS's 3-D cartridge images offer a resolution of 2 microns, or 1/50th the diameter of a single human hair. This unsurpassed level of accuracy produces infinitely better results that vastly reduce the time it takes firearms examiners and technicians to complete their analysis.



The full ALIAS system "on the desktop."



Distinct firing pin impression using pseudo color to display depth in microns.



Cartridge case primer area displayed using surface enhancement function.

To save even more time, ALIAS's straightforward three-step imaging/correlation/confirmation protocol promotes simple operation, quicker ramp-up times and smaller margin for error. ALIAS also allows law enforcement agencies to easily export 3-D scans and associated demographic data to other visualization packages or departmental systems, ensuring maximum compatibility with present and future systems in use by other agencies around the world.

Yet more than the technology is revolutionary. ALIAS is aggressively priced against competitive offerings. Pyramidal Technologies is taking Latin American ALIAS orders now with a three-month delivery time. Five annual support cost options range from zero cost for law enforcement agencies with available IT resources, to platinum coverage that includes 24/7 support and two-hour response time. ■



## Bill of Rights

- Receive a prompt, polite response to inquiries, suggestions and problems.
- Get help with strategic planning so ALIAS serves you now and in the future.
- Be confident that your budget estimates for ALIAS systems will not have hidden charges.
- Count on technology that does not grow ineffective through indifference.
- Own and control your ballistics data.
- Rely on non-proprietary database technology that lets you share your ballistics data and collaborate with other agencies.
- Choose from a range of support plans.
- Get prompt, knowledgeable support from a trained technicians.
- Be treated fairly.

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