U.S. Department of Justice
Federal Bureau of Investigation
Criminal Justice Information Services Division

Office of Deputy Assistant Director
Communications & Technology

FBI Headquarters • Room 11255
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October 28, 1999

Mr. Dale Remmers
Mentalix, Inc.
1700 Alma Drive, Suite 110
Plano, TX 75075

Dear Mr. Remmers:

The FBI has completed a review of the testing information submitted by Mentalix, Inc. to determine if the Mentalix, Fingerprint Scan API Toolkit Version 1.1 on IBM RS/6000 with AIX 4 for the Microtek ScanMaker-5 Fingerprint Card Scan System, 500ppi, complies with the Appendix F of the FBI Integrated Automated Fingerprint Identification System (IAFIS) IQS standards. The review of the test data was conducted by representatives of the FBI and the MITRE Corporation's image processing laboratory, Bedford, Massachusetts.

Based on the results of this review, the FBI certifies that the Mentalix, Fingerprint Scan API Toolkit Version 1.1 on IBM RS/6000 with AIX 4 for the Microtek Scanmaker-5 Fingerprint Card Scan System, 500ppi, is in compliance with the IAFIS IQS Appendix F Scanner Specifications created by the FBI Criminal Justice Information Services (CJIS) Division. The certification process is not intended to endorse one product over a competitor's product, but merely to certify that the product meets FBI standards, and that between two products which meet FBI standards, the FBI does not recommend one over the other.

It should be noted that card scanners do not consistently provide all of the ridge information, such as texture, continuity, edge, and pores, needed to conduct some latent fingerprint comparisons. Improvements to the image quality are required for fingerprint images to provide the ridge information necessary to support all latent fingerprint comparisons.

Mr. Dale Remmers

Please direct any questions regarding the certification to Mr. Thomas E. Hopper, Advanced Technologies Unit, on telephone number (202) 324-3506.

Sincerely,

Harlin R. McEwen
Deputy Assistant Director