



Miami-Dade's First Automated Palmprint Identification

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After observing Printrak's Alternative Palmprint System at the 1998 Printrak's User Conference, the Miami-Dade Police Department implemented it's own Palmprint System formatted after the "Cambridge Solution" utilizing the existing AFIS 2000 database.

Utilizing the existing Printrak series 2000 system, the Fingerprint Bureau of Cambridge Constabulary developed its own solution to palmprint storage and matching. The Cambridge Automated Palmprint System (CAPS) is an effective tool for encoding, storing, and searching palmprints and latent palmprints. The system became operational in 1997, when the decision was made to store the palmprints of selected offenders.

On December 23, 1998, Miami-Dade Police Department began entering palmprints into the Latent Cognizant File (LCF) on the flat bed scanner using the interdital or triradiate area of the palmprint for fingers 1 through 5, and the hypothenar and thenar are for fingers 6 through 10 of selected juvenile offenders.

Palmprints are distinguished with a prefix of 8 for the right

palmprint and 9 for the left palmprint, followed by a six-digit identification number. Palmprints are then given an arch pattern classification, search and file parameters being loaded as sex-both, race-Japanese. By using these parameters the Miami-Dade Police Department was able to implement the palmprint project without any additional cost to Printrak International.

On March 9, 1999, Latent Examiner Charles Pardee, with the guidance of AFIS System Administrator Patrick Foy, entered and hit on a left palmprint lifted from a burglary crime scene. The hit was the number one respondent on the LCF match report with a score of 7410.

This marks the first hit made against the Miami-Dade Police Department's palmprint LCF database. With a palmprint LCF database of 300 subjects, this signifies the start of many more palmprint identifications.

Any questions concerning the Miami-Dade Police Department palmprint system can be directed to Douglas A. Crone, AFIS Supervisor, Miami-Dade Police Department, (305) 471-2026.

RANK	ID	CLASSIFICATION										FINGER	SCORE
1	9702274	A	A	A	A	N	A	A	A	A	A	6	7410
2	9690320	A	A	A	A	N	A	A	A	A	A	7	1945
3	9693296	A	A	A	A	N	A	A	A	A	A	7	1755

