INTERPOL

USE OF NIST FOR FINGERPRINT EXCHANGE
1994-1998

- INTERPOL creates a Fingerprint form for International exchange
- 15 countries adopt as National form
- European technical working group created
- Adopted in 1998 by European committee
- Adopted at GA New DELHI by all MC
- Creation of AFIS expert group
AFIS system developed by MORPHO
In use since 2000

109 000 persons tenprints
Database limits:
200 000 for fingerprints
5 000 for latents

3900 crime scene marks
Mainly from Europe
Tenprints
Fingerprints from
Foreign nationals arrested

Crime Scene Marks
Crimes of a Serious Nature
Crimes suspected being committed by non nationals
INTERPOL AFIS

- INTERPOL AFIS and gateway in 2000
- All notices in NIST format
- Data exchange in NIST
- INTERPOL encourages all MC to send in NIST
- 70% of data received in NIST
Better quality
Smaller size
INTERPOL recommended standard for fingerprint transmission

Countries sending NIST files
AFIS expert group

- Comprised of 15 MC
- Meetings twice a year
- Technical group maintains and updates INT-I
- Will develop INT-I in XML
- NIST participate
- Companies have participated
- Members involved in other initiatives
Viewer and Editor 2008 onwards

- INTERPOL makes all data available in NIST format
- INTERPOL offers all I247 users free viewer
- 2010 distribution of NIST editors to all MC
2011 gateway

- Will accept all versions of INT-I
- Replies as SRE message
- Not developed by our AFIS provider
- Allows automated TP searching
- Finger, Palm and Latents
- Higher volume of matching
- USNCB develops gateway to exchange FBI records and INT-I