



INTERPOL

# OS - FTD

## Identification Branch



# FINGERPRINTS



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USE OF NIST FOR  
FINGERPRINT EXCHANGE



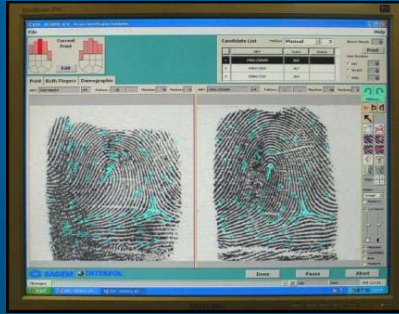
# 1994-1998

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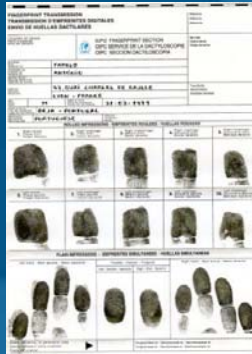
- INTERPOL creates a Fingerprint form for International exchange
- 15 countries adopt as National form
- European technical working group created
- Adopted in 1998 by European committee
- Adopted at GA New DELHI by all MC
- Creation of AFIS expert group



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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

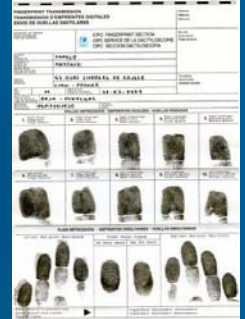


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## Tenprints

Fingerprints from  
Foreign nationals arrested



## Crime Scene Marks



Crimes of a Serious Nature  
Crimes suspected being committed  
by non nationals

# INTERPOL AFIS



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- 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



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## National Institute of Standards and Technology

- Better quality
- Smaller size
- INTERPOL recommended standard for fingerprint transmission





# 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

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# 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

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- 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



*Thank You*

**Mark BRANCHFLOWER**  
**INTERPOL Fingerprint Unit**