



FBI Latent Services



Best Practices & Time Utilization in Searching Local, State and Federal AFIS'

JEFF CARLYLE
FBI LABORATORY DIVISION
LATENT PRINT SUPPORT UNIT





FBI Latent Services



- **IAFIS Repository Totals**

- **Criminal Master File** **67.3 Million**
- **Civil** **39.1 Million**
- **ULF** **471,000**

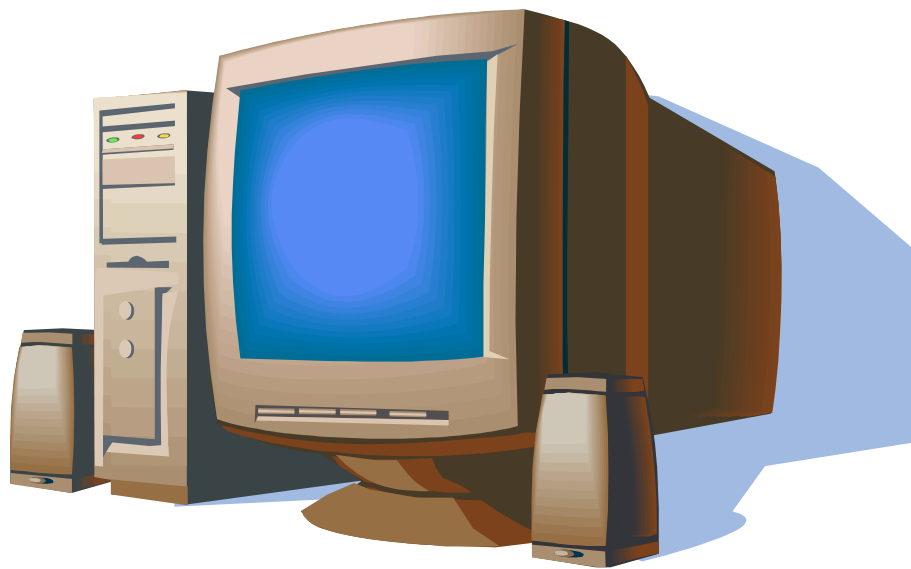




IAFIS Criminal Master File

FBI Latent Services

CMF grows 8,000-10,000 new records a day





FBI Latent Services

Repositories

FBI Laboratory Division

- **CMF**
- **Civil File**
- **ULF**
- **Special Latent Cognizant Files**

Local, State, Federal, International

- **CMF**
- **Civil File**
- **ULF**





FBI Latent Services

IAFIS

2% Individualization on latent searches in IAFIS

10% On Casework

SEARCH YOUR DATABASES!!!

UTILIZE YOUR RESOURCES!!!





FBI Latent Services

IAFIS

Current Image/Feature Statistics (IAFIS)

25,850 Latent Searches Per Month

22,560 Remote Latent Users (Local, State, OFOs)

3,290 FBI Laboratory





FBI Latent Services

IAFIS

Current Unsolved Latent File Statistics (IAFIS)

Unsolved Latent File **471,000**

95% owned by 5 Latent Agencies

DOD

Texas

New York

California

FBI Lab





FBI Latent Services

IAFIS

- **IAFIS Latent Search Breakdown**

- **Largest Remote Latent Submitters Per Month**

- **DOD** **16300**
 - **Texas** **700**
 - **California** **600**
 - **New York** **500**
 - **New Jersey** **500**
 - **USSS** **500**
 - **US Postal** **250**
 - **USACIL** **250**





- **IAFIS Latent Search Image vs. Feature**

Search averages are what percentage





FBI Latent Services

IAFIS

95% Feature Searches
5% Image Searches





Technological Upgrades

FBI Latent Services

- Vender Technology and Capabilities
 - 3-4 times more accurate and reliable as 1999 technologies
 - Interoperability is getting better....
- **BE PROACTIVE!!!!**
- **MAKE A DIFFERENCE!!!!**





NGI Latent Services

FBI Latent Services

- Candidates for Image Searches
 - Large Images
 - Clear ridge quality
- Candidates for Feature Searches
 - Smudges
 - Overlapping latents
 - Checked background





NGI Latent Services

FBI Latent Services

- No Ridge Count
- No Penetration Limitations
- ULW 2013 ease of usability for NGI functionality
 - Transaction Manager
 - Latent Editor
 - Comparison Tool
- National Palm Print Services
 - Currently 5 Million Subjects and growing
 - Potentially leading to 30% more identifications





FBI Latent Services

References

- ULW Software Download
 - www.fbibiospecs.org
- ULW Information
 - ulw@leo.gov
- Latent Support Services
 - latentsupport@leo.gov
- FBI Latent Hit of the Year
 - fbilatenthit@leo.gov





FBI Latent Services

Questions?

JEFF CARLYLE

Forensic Systems Program Manager

FBI Laboratory Division

Latent Print Support Unit

Jeffrey.Carlyle @ ic.fbi.gov

202-497-6135

