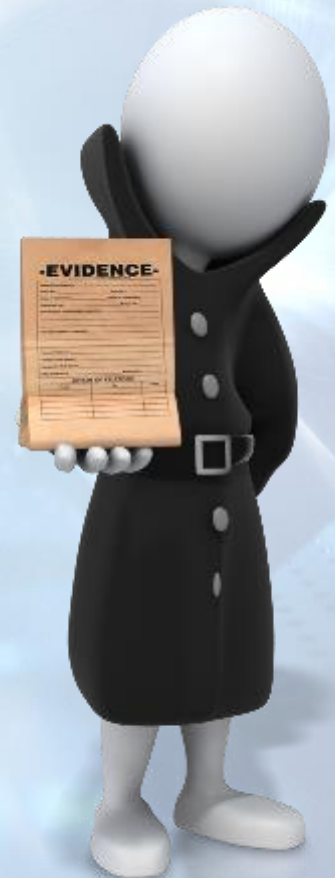


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**International Narcotics & Law Enforcement (INL) – US
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**The Investigator’s Role in:
“Establishing, Capturing and
Securing Digital Forensic
Evidence in Cyberspace”**



Digital Forensic Evidence in Cyberspace

- **Identification:**
- **Social Engineering Exploitation:**
 - Phishing, Pharming and Whaling
- **Cyber Vandalism, Terrorism And Extortion:**
 - Website Defacement/Hijacking, Identity Theft, Blackmail and Ransomware
- **Illegal Possession and Distribution:**
 - Child Pornography
 - Weapons
 - Drugs



Digital Forensic Evidence in Cyberspace

- **Identification:**

- **Illegal Sales And Investment Fraud:**

- Obtaining Money Or Property By Means Of False Or Fraudulent Pretenses
- Online Gambling Sites
- Prostitution and Solicitation
- Theft of Intellectual Property

- **Hacking:**

- Illegal Interception Of Telecommunications
- Unauthorized Access



Digital Forensic Evidence in Cyberspace

- **Extraction:**

- **Law Enforcement Assistance:**

- <https://www.facebook.com/safety/groups/law/guidelines>
- https://help.instagram.com/494561080557017/?helpref=hc_fnav
- <https://support.twitter.com/articles/41949>

- **Extraction Programs:**

- X1 Discovery
- Media Sonar
- Maltego



Digital Forensic Evidence in Cyberspace

▪ Traditional Extraction:

- Download:

- Save Website

- HTML

- PDF

- Offline Extraction Utility

▪ Preservation

- Evidence Image Files

- Digital Fingerprint



Digital Forensic Evidence in Cyberspace

- **Analysis:**

- **Keyword/**

- **Languages:**

- **Translation for understanding and investigating**

- **Analytical software inherit translation**

- **Google Translate**

- **Transl8it**

- **Netlingo**

- **Link Analysis**

Digital Forensic Evidence in Cyberspace

- **Reporting:**
 - **Method of Report**
 - DVD
 - USB
 - Paper - Summary
 - **Protect Sensitive Data**
 - Selective Data
 - Encrypt Drives/Report



Questions?

