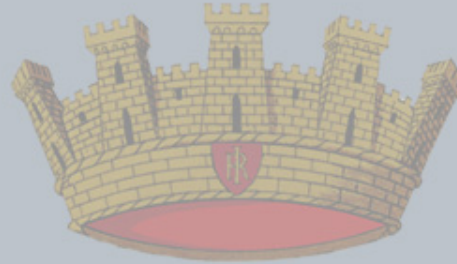




CoE – EC Regional workshop on Protecting children against sexual exploitation and sexual abuse through Internet



Session 2: Investigating online sexual abuse of children: Which are the challenges?

”Issues preventing effective investigations”

Sergio Staro

Head, International Relations Section
Postal and Communication Police Service
Italian National Police

Kiev, Ukraine, 7 December 2010

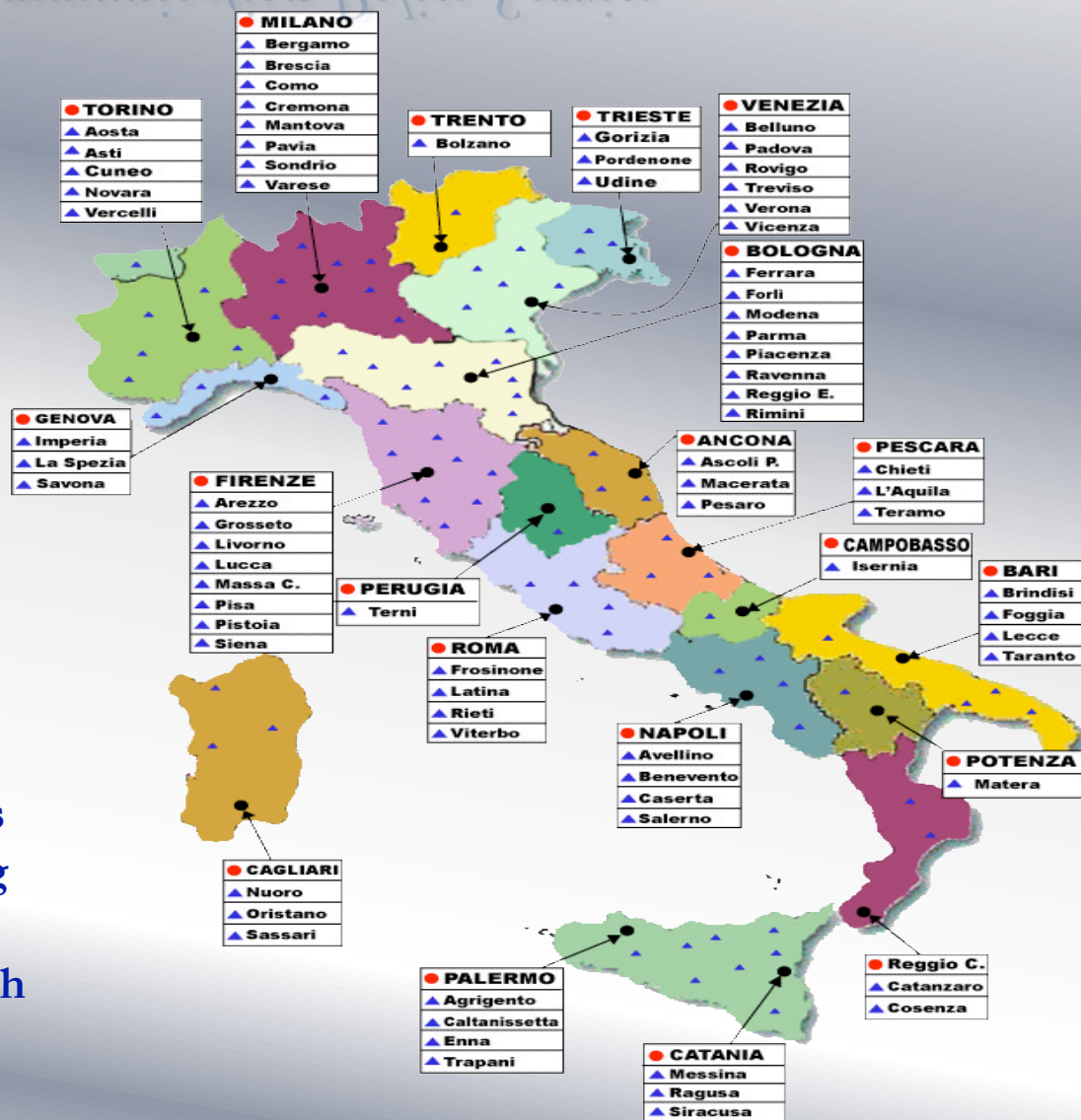


Postal and Communication Police Service

Postal and Communication Police Service

Areas of competence

- On-line Child pornography
- Critical Infrastructure Protection
- Cyberterrorism
- Copyright
- Satellite piracy
- E-Commerce
- Hacking
- Mail-related offences and stamp forgery
- Control of radio frequencies
- On line Gaming and Betting (law 266/'05)
- Operational cooperation with foreign law enforcement agencies (24h/7 days)
- Computer forensics





Cyber Paedophilia

Child Exploitation



Pay-per-View Web Sites



Mailing - Ftp Server



Chat - News Group



P2P



Umts - Wap Gprs



VHS - DVD - CD

Origin

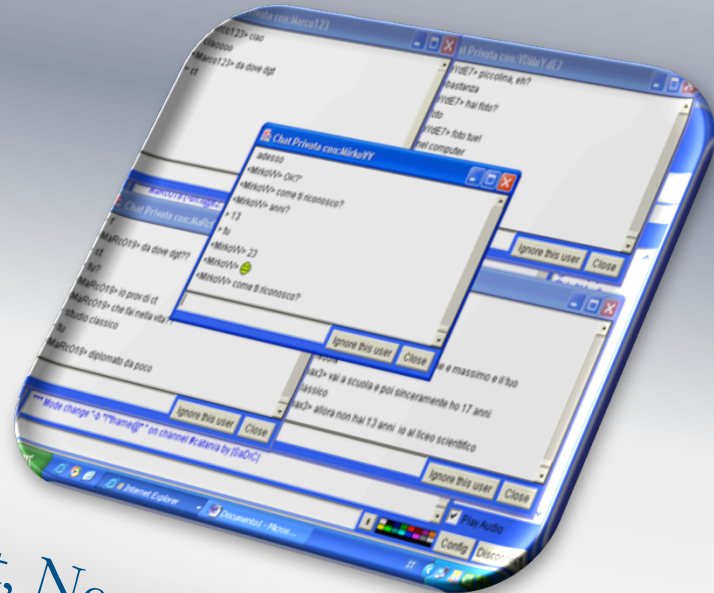
Dissemination

Devices



On-line Sharing

ON-LINE SHARING



WWW

Chat, Newsgroup, FTP ...

Public

Restricted access



General issues

GENERAL ISSUES

- **Global Nature of Child Exploitation Crimes**
- **International Operations**
 - ✓ **What is an International Operation?**
 - ✓ **Why should we engage in International Operations?**
 - ✓ **Information Sharing**
 - ✓ **Lead Dissemination**
 - ✓ **Targets**



Operation "Forum4all"

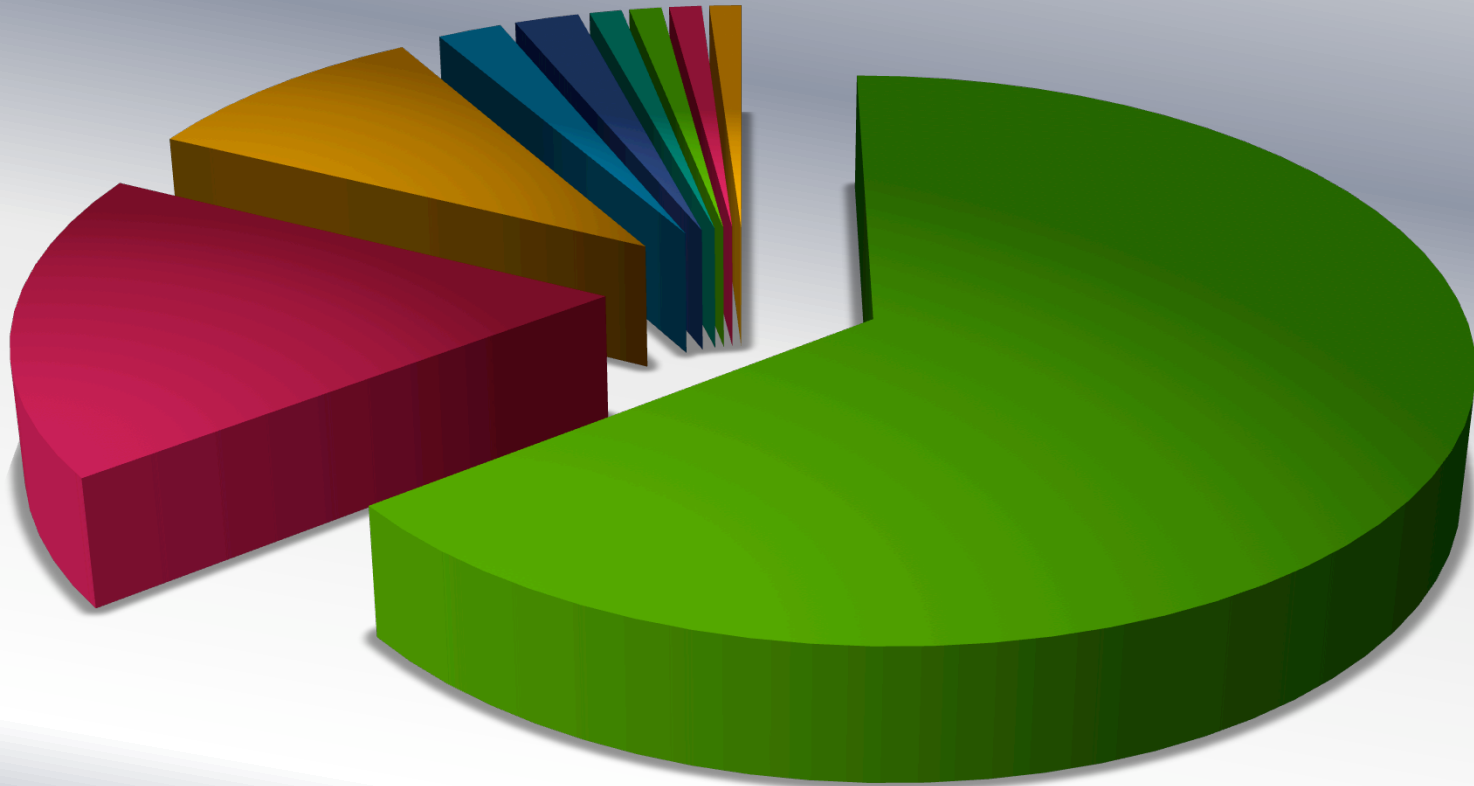


Membership totaled approximately 550 members from 50 countries



Postal and Communication Police Service

Location of Servers



■ USA 62%

■ Russian Fed. 17 %

■ The Netherlands 9 %

■ United Kingdom 2%

■ Germany 2%

■ China 1%

■ South Korea 1%

■ Sweden 1 %

■ Japan 1 %



International Operation

INTERNATIONAL OPERATION

- To face a global problem in a globalized environment, global approach and global solution are required



Operation Koala

- ❖ Police in Australia detects a child abuse video
- ❖ Child sex offender having a sexual intercourse with a child
- ❖ Language spoken by the molester and the victim
- ❖ Video sent to Interpol for possible analysis
- ❖ Belgian Federal Police involved
- ❖ Victim and the molester identified





Operation Koala

- ❖ Seized material from BE and IT (more than 500 GB) to Europol
- ❖ Europol provides the analysis on the material and coordinates the EU MS and third parties
- ❖ Eurojust coordinates the judicial authorities in the involved countries





Operation Koala

- Analytical techniques

- Analytical techniques

- ❖ Analysis of emails
- ❖ Analysis of financial transactions
- ❖ Pattern tracer
- ❖ Open Sources research
- ❖ Images analysis
- ❖ EXIF retrieval
- ❖ Analyst Notebook i2
- ❖ GIS

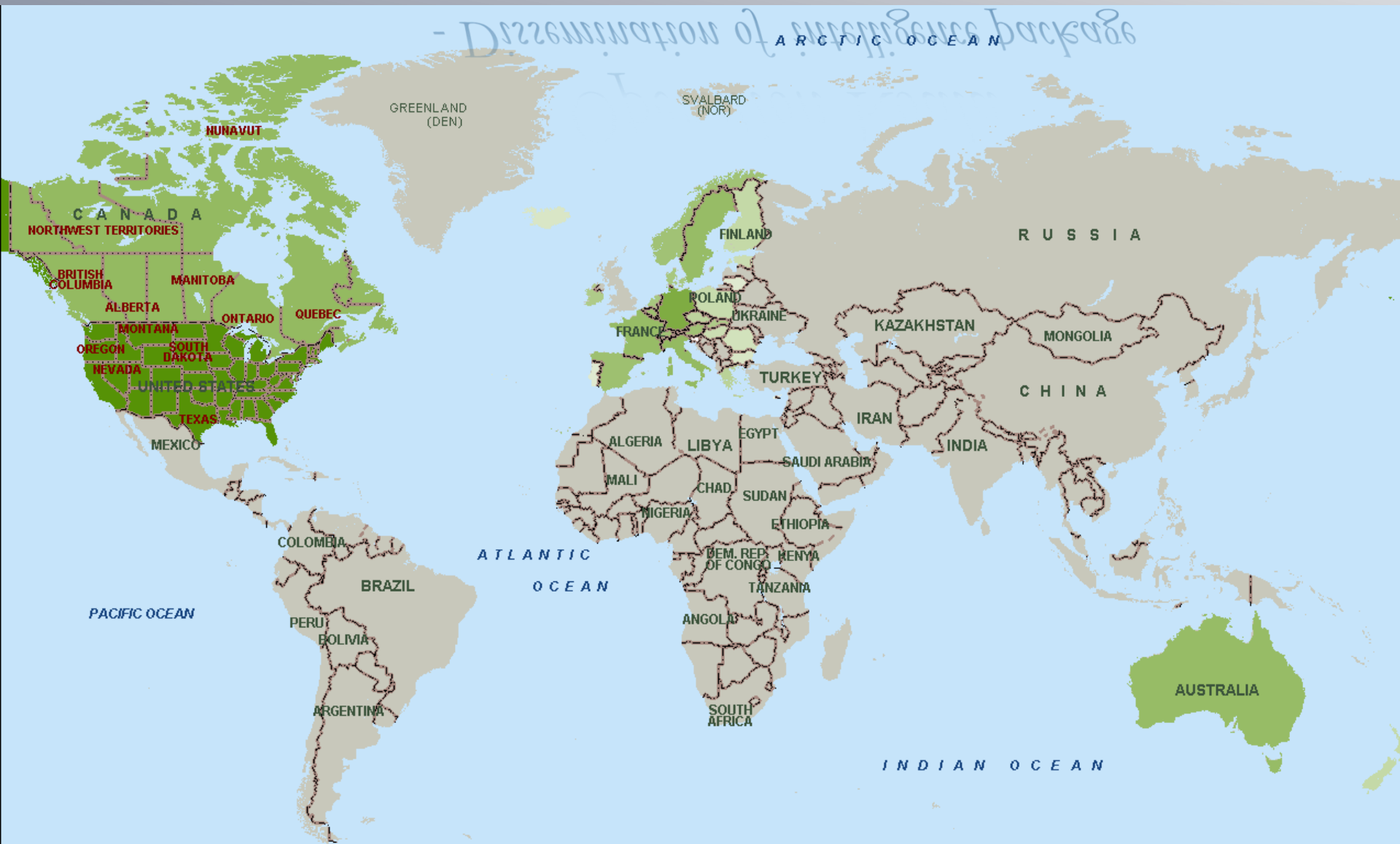




Operation Koala

- Dissemination of intelligence package

- Dissemination of intelligence package





Operation Koala

- Offender's profiling

- Offender's profiling

- ❖ Situational customers
- ❖ Preferential and faithful customers
- ❖ Child abuse material collectors
- ❖ Situational producers and distributors
- ❖ Professional producers/photographers
- ❖ Parents or relatives of children
- ❖ Child sex molesters





Operation Koala

- Global results

- Global results

- The results of the operation

- ❖ 28 countries involved
- ❖ 2500 unique IP addresses
- ❖ Nearly 1000 child sex offenders identified
- ❖ Nearly 180 “high profile” child sex offenders arrested
- ❖ Around 40 victims identified



Operation Koala – Joint Hammer

- Global results

- Global results

- ❖ Europol's analysis of the seized material

- ❖ Involvement of NCMEC, USPIS, ICE and FBI

- ❖ Coordination of the US Department of Justice

- ❖ Direct contact between Europol and CEOS

- ❖ Results:

- 240 suspects identified

- 61 child sex offenders arrested

- 11 child victims identified



**“ ... our Age of Anxiety is, in great part,
the result of trying to do today's jobs
with yesterday's tools ... “**

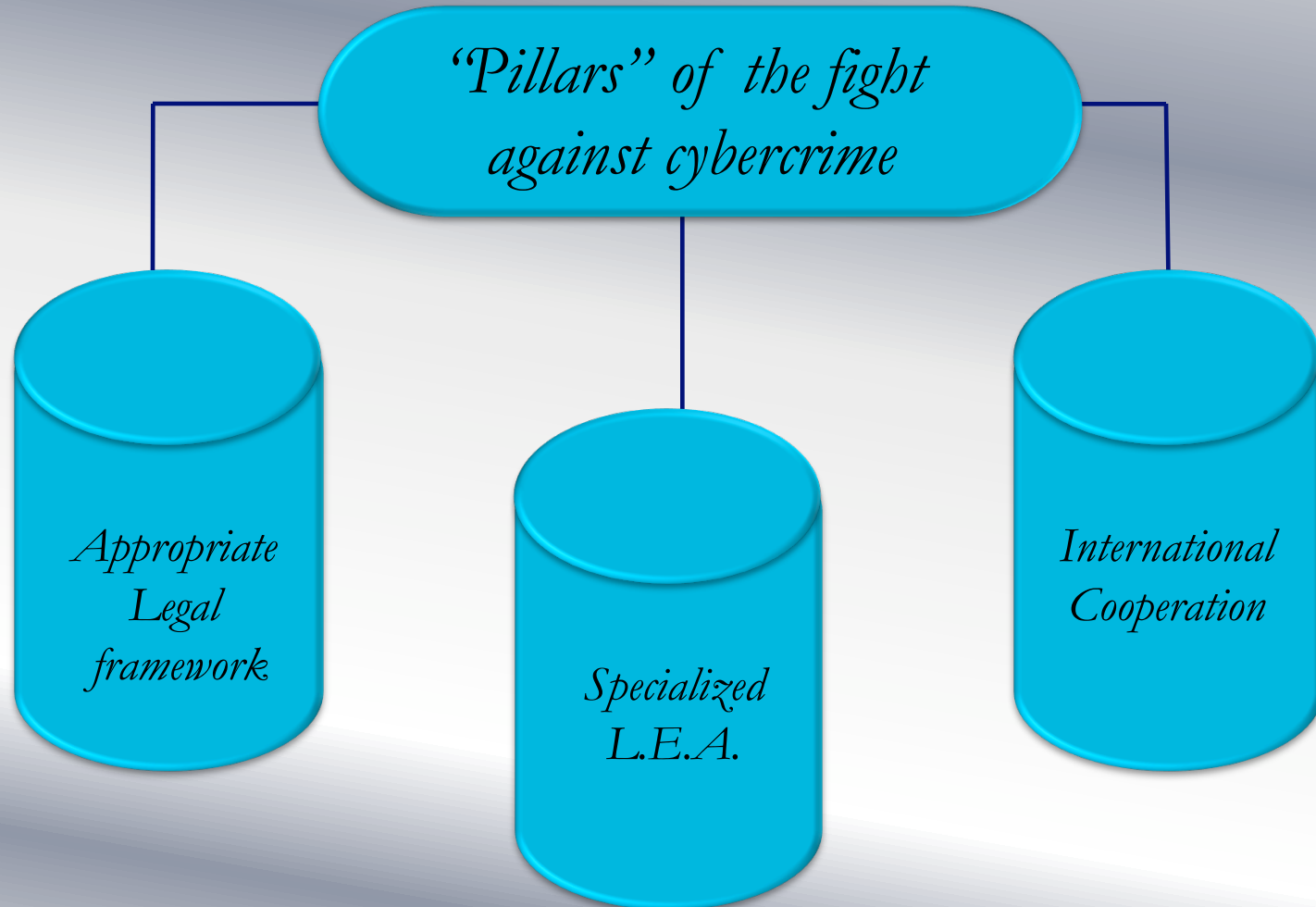
Marshall McLuhan

(Edmonton, 21 July 1911 – Toronto, 31 December 1980)



Postal and Communication Police Service

POSTAL AND COMMUNICATION POLICE SERVICE





Investigative tools :

(as introduced by Law August 3, 1998)

(as introduced by Law August 3, 1998)

- Undercover investigations
- Delay of mandatory acts (arrests, home searches, seizures, etc.)
- Purchase of illicit material
- Mock web sites

With the authorization of the Public
Prosecutor in charge





Child Exploitation Tracking System

"A network of cybercops vs paedophile networks"



- Information sharing
- SW sharing
- Common investigative procedures and techniques



C.E.T.S.

Developed in cooperation with

Microsoft®

@National Center for Combating Internet Child Pornography - CNCPO

Ποινολογισμός - ΣΙΝΣΠΟ



24/7 Monitoring of pedo sites

In and Out report activity

Black List and Filtering system

Financial Institutions relationships

Image Analysis

Investigative Coordination

International Cooperation

Microsoft®

TELECOM
ITALIA

@iip

Posteitaliane

WIND



- To prevent “Italian” internet users from accessing illegal websites

Sources:

- ❖ Monitoring by PCPS
- ❖ Reporting by
 - Internet users;
 - LEAs;
 - ISPs;
 - NGOs”

BLACKLIST OF CHILD PORN SITES





Postal and Communication Police Service

Postale e Comunicazione Polizia Servizi

Operational results

** From January 2001 to September 15, 2010*

395

• Individuals arrested

6,669

• Individuals charged

5,713

• Search warrants

60

• Outstanding international operations

335,780

• Websites monitored

11,026

• Child porn sites reported to foreign authorities

179

• Child porn sites shut down in Italy

655 blacklisted websites from February 2008 to today

The President of the Republic

awarded the flag of the National Police
with Gold Medal on April 4th, 2007



“Since the year of its constitution the high skilled Postal and Communication Police has carried out a constant and estimably fight against the detestable phenomena of sexual exploitation of children through the Internet and other communication networks. The countless investigations carried out both nationally and internationally have enriched the awesome tradition of worth and efficiency of the Italian National Police deserving , once again, the high sense of gratitude that the entire nation desires to express.”

Il Presidente della Repubblica

Vista la legge 20 giugno 1956, n. 658;

Visto il decreto del Presidente della Repubblica 23 ottobre 1957, n. 1397;

Sentito il parere della Commissione prevista dall'articolo 7 della legge 2 gennaio 1958, n. 13 per l'esame delle proposte di ricompense al Valor Civile;

Vista la legge 12 gennaio 1991, n. 13;

Sulla proposta del Ministro dell'Interno;

DECRETA

Alta Bandiera della Polizia di Stato è conferita la medaglia d'oro al Merito Civile, con la seguente motivazione:

“Dall'anno della sua costituzione la Polizia Postale e delle Comunicazioni, dimostrando esemplare perizia professionale, encomiabile dedizione ed altissimo senso di solidarietà umana, si è prodigata in una costante e meritoria attività di prevenzione e di contrasto alle odiose azioni di sfruttamento dei minori a fini sessuali, commesse attraverso internet ed altre reti di telecomunicazioni.

Le innumerevoli operazioni investigative e gli eccezionali risultati raggiunti, sia a livello nazionale che internazionale, hanno arricchito la mirabile tradizione di valore ed efficienza della Polizia di Stato, suscitando, ancora una volta, la riconoscenza della Nazione tutta”.

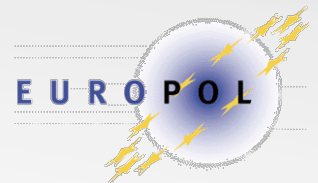
1998 - 31 gennaio 2007 - Territorio nazionale

Roma, addì 4 aprile 2007



Postal and Communication Police Service

Postal and Communication Police Service



(30 Oct. 2007; Member of the Virtual Global Task Force)