



Special Prosecutor's  
Office for  
High- Tech Crime  
Serbia



## Forum on DNS Abuse



**ICANN 44 - Prague**  
24-29 June 2012



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- ▶ **Tools: Council of Europe Convention on Cybercrime**
- ▶ **(ETS No. 185) Open for signature by the member States of the Council of Europe and by non-member States which have participated in its elaboration, in Budapest, on 23 November 2001.**
- ▶ **Entry into force : 1 July 2004.**
- ▶ **Ratified and signed by 47 states at the moment.**
- ▶ **Serbia:**  
7/4/2005 14/4/2009 1/8/2009
- ▶ **USA:**  
23/11/2001 29/9/2006 1/1/2007





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## ▶ **Summary of the treaty**

- ▶ The Convention is the first international treaty on crimes committed via the Internet and other computer networks, dealing particularly with infringements of copyright, computer-related fraud, child pornography and violations of network security. It also contains a series of powers and procedures such as the search of computer networks and interception.
- ▶ Its main objective, set out in the preamble, is to pursue a common criminal policy aimed at the protection of society against cybercrime, especially by adopting appropriate legislation and fostering international co-operation.
- ▶ The Convention is the product of four years of work by Council of Europe experts, but also by the United States, Canada, Japan and other countries which are not members of the Organization. It has been supplemented by an Additional Protocol making any publication of racist and xenophobic propaganda via computer networks a criminal offence.



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## Cyberspace Criminal conduct:

1. Offences against the confidentiality, integrity and availability of computer data and systems
  - ✓ Illegal access to a computer system
  - ✓ Illegal interception
  - ✓ Data interference
  - ✓ System interference
  - ✓ Misuse of devices
2. Computer-related forgery and fraud
3. Content-related offences (child pornography, xenophobia, racism)
4. Offences related to intellectual property rights and similar rights
  - + combination of offences (Spam, phishing/ID theft, botnets, terrorist use of ICT)



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## □ **Scope of Budapest Convention Tools:**

### ▶ *Criminalising conduct (substantive law):*

1. Illegal access
2. Illegal interception
3. Data interference
4. System interference
5. Misuse of devices
6. Fraud and forgery
7. Child pornography
8. IPR-offences

### ▶ *Procedural tools (procedural law):*

1. Expedited preservation
2. Search and seizure
3. Interception of computer data



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## ❑ Local Networks:

- ▶ **Serbian example:**
- ▶ *National Strategy for the Development of the Information Society.*
- ▶ To gain the trust of the citizens and other users in the secure functioning of the ICT systems and security of the personal data in those systems.
- ▶ Awareness widening about necessity of using the information security measures.
- ▶ Protection of the data.
- ▶ Protection of the Information and Communication Systems.
- ▶ Security of the electronic transactions.
- ▶ Efficient mechanisms for protection and availability of rights used in the electronic commerce and electronic data exchange.





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## □ Local Networks:

- ▶ **Serbian example:**
- ▶ Law on Organization and Competence of Specialized State Authorities for Combating High-Tech Crime.
- ▶ Special High-Tech Crime Service (Ministry of Interior), Special Prosecution Office for High-Tech Crime, Special High-Tech Crime Criminal Court Chamber.
- ▶ NCSIRT (National Computer Security Incident Resonse Team)
- ▶ ILECUs (International Legal Emergency Cooperation Unit)





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- ▶ **Criminal offences against security of computer data defined by Criminal Code of the Republic of Serbia**
- ▶ **Criminal offences against intellectual property , property, commerce and industry and legal traffic which are committed by using , as object or tool of committing the offence, computers, computer networks, computer data, including their products in tangible or electronic form.**
- ▶ **and the number of items of copyrighted works is over 2000, or the amount of the actual damage is over 1.000.000,00 dinars.**
- ▶ **Criminal acts against freedom and rights of man and citizen, gender freedoms, public order and peace, Constitutional system and security, which can be considered by the way of commitment or used tools as cyber-crime.**





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## ORGANISATION AND JURISDICTION OF GOVERNMENT AUTHORITIES:

- ▶ ***Special Prosecutor's Office***
- ▶ The Higher Public Prosecutor's Office in Belgrade shall have jurisdiction of the territory of the Republic of Serbia in regards to cyber crimes
- ▶ A Special Prosecutor's Office for suppression of high technological crime is established within the Higher Public Prosecutor's Office in Belgrade (Special Prosecutor's Office).
- ▶ The Special Prosecutor's Office is managed by a Special Prosecutor for suppression of high technological crime.
- ▶ The Special Prosecutor is appointed by the Republic Public Prosecutor
- ▶ The Special Prosecutor is appointed to a term of office of four years and may be re- appointed.



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▶ ***Special Service for  
Suppression of High-Tech  
Crime:***

- ▶ A Special Service for suppression of high technological crime is established as part of the Ministry of Interior («the Service») to perform law enforcement duties against cyber crime.
- ▶ The Service acts upon requests of the Special Prosecutor's Office, in accordance with the law.
- ▶ The minister responsible for internal affairs shall appoint and dismiss the commanding officer of the Service, following the opinion of the Special Prosecutor and shall specify Service's activity, in accordance with this Law.



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## ***Organization and Competence of the Courts:***

- ▶ The Higher Court in Belgrade have first-instance jurisdiction for the territory of the Republic of Serbia in criminal cases of cyber crime.
- ▶ A Panel of Judges for processing cyber crime criminal cases is established within the Belgrade Higher Court.
- ▶ The President of the Belgrade Higher Court appoints judges to the Special Panel of the Higher Court from among judges of that court, with their consent. Information technologies knowledge is the advantage of the judges.



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- ▶ **Statistical Data 2010 – April 2012 for DISCOVERED perpetrators and initial inquiry files (factual cases):**
- ▶ **2010: 116 cases against 131 perp. 443 i.i.f.**
- ▶ **2011: 130 cases against 154 perp. 502 i.i.f.**
- ▶ **2012 (until April): 31 cases against 35 perp. 157 i.i.f.**
- ▶ **2010 – 2012 (April):**
- ▶ **277 cases against 320 known perpetrators**
- ▶ **1102 initial inquiries**
- ▶ **2006 – 2012:**
- ▶ **572 cases against 716 known perpetrators**
- ▶ **1411 initial inquiries**

**Total of all cases: over 2000**



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## "Anonymous Serbia"

- Perpetrators: Serbia
- Criminal Acts of Computer Sabotage, Unlawful Access, Making of Computer Virus, Aiding to the execution of Computer Criminal Act.
- 5 groups of criminal acts, 28 separate executions over 1 year.
- Major ISP's compromised.
- **776.590** PHP shells seeded.
- Law on Public Prosecution, Criminal Procedural Code provision applied.





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## “OMV CC”

- **Perpetrators: International**
- **Aggrieved parties: Serbian Banks and card holders.**
- **Approx. 200.000 Euros of damages**
- **Serbian LEA – foreign LEA request – INTERPOL.**
- **Although preliminary evidence of exact type and place of credit card misuse was provided no effective response so far.**
- **Foreign DNS – untracable.**

**ПОЛИТИКА ONLINE** 05. juri 2012. 11:28  
Beograd 19°C

**EKONOMIJA**  
**Platne kartice blokirane zbog hakera**  
Zloupotreba otkrivena na pumpama OMV



Visa kartice problematične u Srbiji. Zbog toga zahtevaju se za sada nepoznatih hakera i...  
Nekoliko najvećih banaka u Srbiji, koje kod nas posluju sa stanovništvom, blokiralo je juče platne kartice kompanije Visa iz, kako su naglasile, bezbednosnih i preventivnih...



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## □ “Lone Wolf” case:

- ▶ DoJ, FBI, Law Enforcement, Public Prosecution.
- ▶ Direct exchange of initial evidences. Anonymous proxies.
- ▶ One of the first cyber crime based investigations.
- ▶ 12 and 3 years of imprisonment.
- ▶ Germany operation “MAXXX”
- ▶ Serbian operation “Armagedon”





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## ❑ “StratoCaster” case:

- ▶ U.S. citizen – Belgrade – U.S. authorities and Interpol – Serbian Authorities.
- ▶ Internet fraud – DNS Abuse.
- ▶ Value of items: 100.000 USD.

**ESCROWEUROPE**

Welcome to EscrowEurope.net, the Internet's escrow service for safe and secure on-line transactions.

We Are here to insure that you are able to purchase and sell goods on the Internet with the knowledge that your transactions will be safe.

We are insured, and provide both Buyers and Sellers with an escrow service designed for safety and security.

Best of all, EscrowEurope offers peace of mind. Let us do the worrying for you!

EscrowEurope acts as the intermediary, insuring that both the Buyer and the Seller are not disappointed or ripped-off in an on-line transaction. We provide the following:

- Verification for the Seller that the Buyer has sufficient funds. Sellers do not ship merchandise until a Buyer's check has cleared, a credit card has been charged, or funds have been wired to EscrowEurope.
- Buyer does not pay for the merchandise until it is received, inspected and/or appraised within a reasonable period of time. Buyer may return an item that is not acceptable.

To use EscrowEurope, simply do the following:

- Have the Buyer and Seller agree to use our service.
- Buyer and Seller fill out the respective forms by clicking on the buttons at the left of the Home page.
- Don't worry, everything other is on us.

Logos: Visa, MasterCard, Western Union, FedEx, DHL





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Direct Query - Intranet - "Quick" Search

Page 1 of 1



Track/Confirm - Intranet Item Inquiry - International Outbound

Item: 0418 0011 0001 03      Date/Time Mailed: 04/17/2003 14:43

Destination	City Code: BEG	City: BELGRADE
	Country Code:	Country:
	AMF Code: LAX	AMF: LOS ANGELES AMC
Origin	ZIP Code: 93066-9554	City: SOMIS      State: CA
Dispatch#: 066	AMF Code: LAX	AMF: LOS ANGELES AMC
	Dispatch Date/Time: 04/18/2003 22:28	Bag#: 001
	Airline: JAT/YUGOSLAV AIRLINE	Flight: 263
	Transfer to: UNITED AIRLINES	Flight: 946

Class: Express Mail - PO to Addressee  
Scheduled Delivery: 04/18/2003 23:59  
Weight: 1b: 38 oz: 9      Postage: \$148.80

Special Services	Associated Labels	Amount
INSURED		\$2.00

Delv Rqmt: Normal      Po Box?: N

Under no circumstances should dispatch or flight information be released to any one outside the United States Postal Service.

Event	Date	Time	Location
INTERNATIONAL DISPATCH READY	04/18/2003	22:28	LOS ANGELES AMC, UNITED STATES
ENROUTE	04/17/2003	18:40	OXNARD CA 93030
ACCEPT OR PICKUP	04/17/2003	14:43	SOMIS CA 93066

Enter Request Type and Item Number

Quick Search       Extensive Search

[Explanation of Quick and Extensive Searches](#)

Item Number:

Inquire on multiple items.

[Go to the Product Tracking System Home Page.](#)

**From:** georgia  
**Category:** Internet Scams  
**Date:** 17 Jul 2003  
**Time:** 16:59:10  
**Remote Name:** 152.163.252.67

I also sold a vintage guitar over the internet using www.escroweurope.net. I was scammed out of a 1954 Gibson Les Paul original. Once the deal was completed I stopped receiving e-mails from the escrow site and have yet to receive a single penny. How do I report this and to whom do I need to talk with.

an

- ▶ **From:** roehrd@adelphia.net  
**Category:** Internet Scams  
**Date:** 14 Aug 2003  
**Time:** 12:55:51  
**Remote Name:** 68.71.14.74
- ▶ Georgia, I have been approached by Bojana Milosevic to buy your 54 goldtop. I stupidly sent \$2550.00 to
- ▶ that fraud escroweuro
- ▶ pe.net. I have lost the money. I do have pictures of your guitar in Bojana's hands if
- ▶ you would like them for evidence. I don't know who to contact that will do us any good. You have any ideas?



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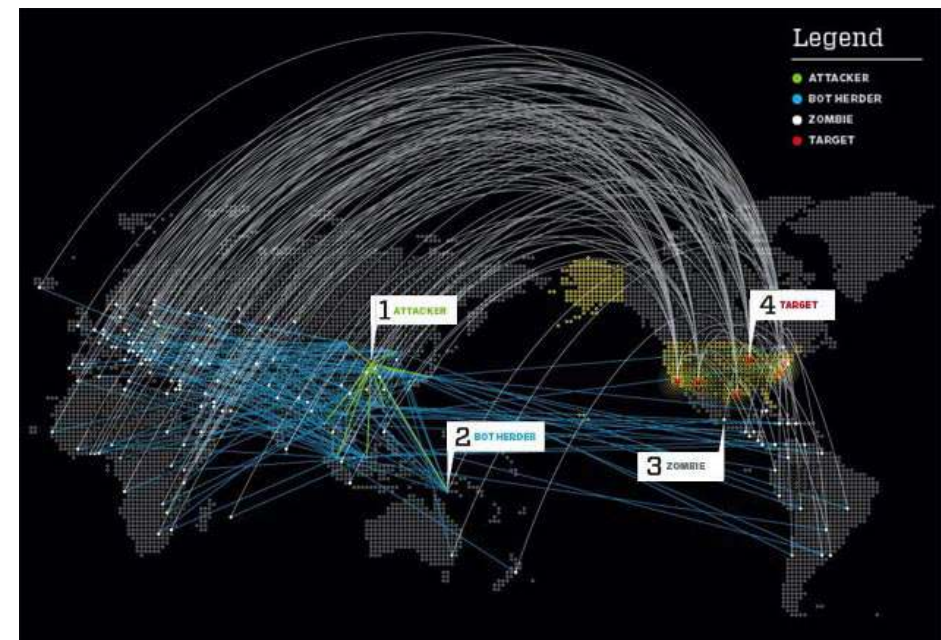




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- ▶ **DDoS>RS backbone**
- ▶ **Aggrieved party – Public Postal Service of Serbia - ISP**
- ▶ **Execution: Serbia – World - Serbia**
- ▶ **Means of execution – sender, amplifier**
- ▶ **Exploit win service – 256 subdomen**
- ▶ **IRC**





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Thank you.

*Republic Public Prosecutors Office  
of Serbia*

*Special Public Prosecutor's Office  
for High-Tech Crime*

*Head of the Special Public Prosecutor's  
Office*

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