Combating Digital Piracy: Strategic Enforcement through DNS/IP Blocking and OSINT Tools

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Used tools and measures

1. **Website blocking (DNS)**
2. **Mirror site blocking (DNS) (domain name, administrator, UI, GUI, content)**
3. **IP address blocking**
4. **Suspension of payments and freezing of bank accounts**
5. **Demonetisation of advertising**
6. **Imposition of fines**
7. **SEO platform** (SimilarWeb) to measure total visits per website
8. **MUSO platform** (to measure digital piracy on national, EU and global levels)
9. **Delisting domain names and IP addresses** from Google
10. **Takedown requests (DSA)**
11. **Requesting** international financial intermediaries **to suspend their services** (PayPal, Sellix, Stripe) (DSA)
12. **Investigating social media**
13. **Applying geo-blocking (**Google Play, Apple AppStore and Youtube)
14. **OSINT investigations**

DNS/IP blocking – is it (still) effective?

- In total more than 600 domain names are blocked
- 257 are deregistered and unblocked
- More than 7000 IP addresses are blocked
- 7 Lithuanian institutions authorised to block domain names

Blocked Domain/IP Management Information System "VASARIS"

KEY OPERATING PRINCIPLES:

1. **Usability.** All Lithuanian **Internet Service Providers (ISPs)** and **all institutions** initiating domain blocking use **one IS**.
2. **Speed.** A blocked domain/IP address **validated by IS** becomes inaccessible to all ISP users in **less than 1 hour**.
3. **Transparency**. The **ability to know** automatically whether an ISP is blocking a domain/IP address. Visitors are also provided with clear information on why the domain has been blocked (redirectional websites, e.g. atstop.rtk.lt).

atstop.rtk.lt

Šiuo metu nėra galimybės pasiekti šios svetainės, nes joje neteisėtai viešai paskelbtas autorių teisių saugomas turinys.

Naudojant neteisėtai viešai paskelbtą autorių teisių saugomą turinį Jūs prisidedate prie neteisėtos veiklos.

Informaciją apie aktualius interneto domeno vardus, identifikuojančius interneto svetaines, kuriose neteisėtai viešai paskelbtas autorių teisių saugomas turinys, galite rasti čia.

Dėl išsamesnės informacijos prašome kreiptis į Lietuvos radijo ir televizijos komisiją,

tel. (8 5) 233 0660, faks. (8 5) 264 7125, e. p. lrtk@rtk.lt.

„Išsamią informaciją apie legalaus turinio pasiūlą jūs galite rasti Kultūros ministerijos administruojamoje svetainėje" naudoklegaliai.lt.

NAUDOK LEGALIAI.LT

„Naudok legaliai“ yra EUIPO sukurto tinklo „Agorateka“ narė.

You have been redirected to this website, because the website you are trying to reach illegally publishes copyright content.

When you use illegally published copyright content, you contribute to illegal activity.

Information on the relevant Internet domain names identifying websites, which publish copyright content is provided here.

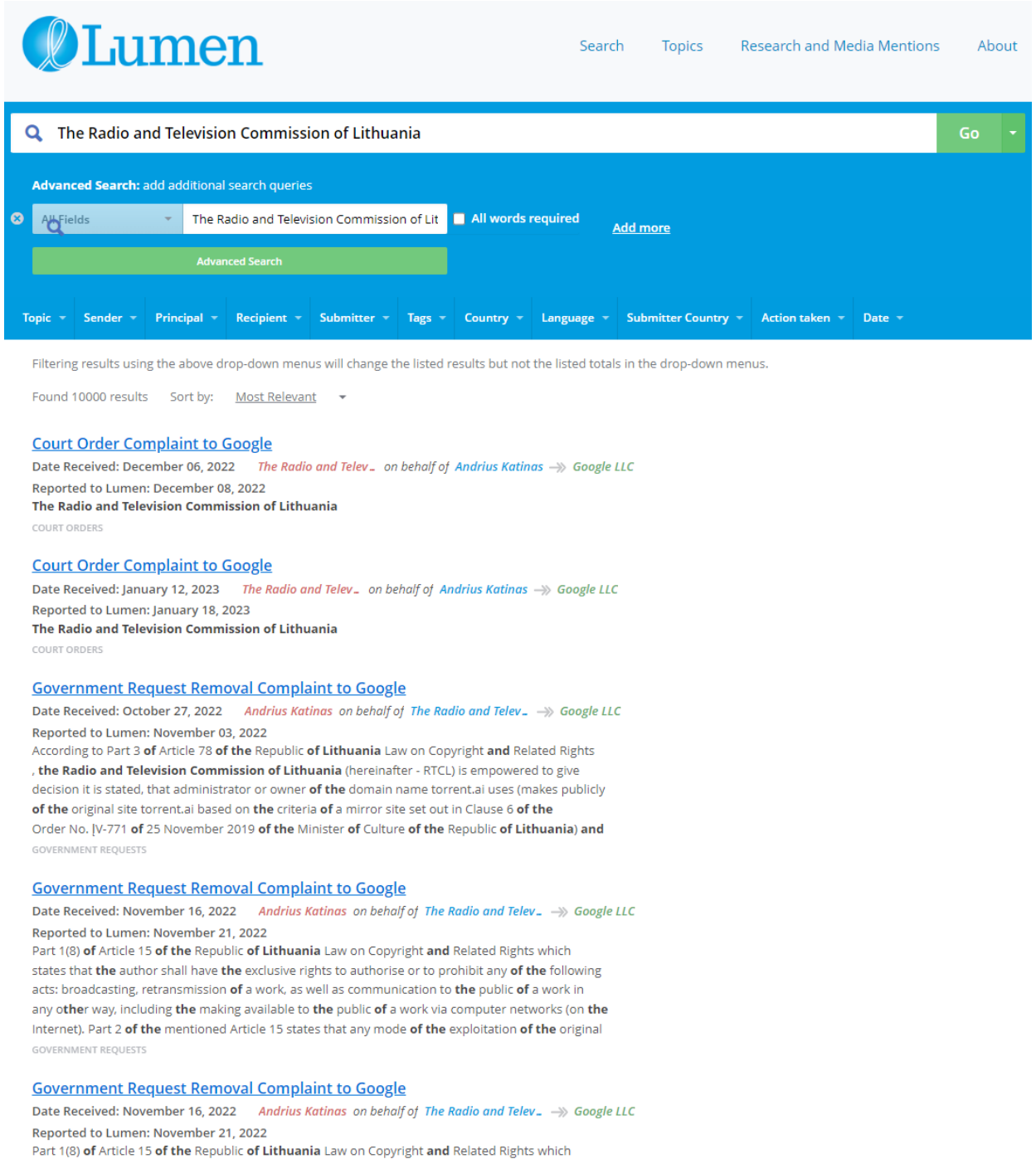
For more information, please contact the Radio and Television Commission of Lithuania,

tel. +370 5 233 0660, fax. +370 5 264 7125, e-mail: lrtk@rtk.lt.

You can find detailed information about the offer of legal content on the website naudoklegaliai.lt administered by the Ministry of Culture.

Naudok legaliai is a member of the agorateka network created by the EUIPO

Lumendatabase.org



WIPO Alert

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3 tier IP and domain name blocking

PROVIDER

ILook TV
IPTV ТЕЛЕВИДЕНИЕ ДЛЯ ВСЕХ

WEBSITES

- i-look.tv
  46.19.138.66
- vip-drive.net
  109.95.211.168
- ilooktv.com
  109.95.211.168
- iptv-home.net
  5.45.83.159

AUTHORISATION

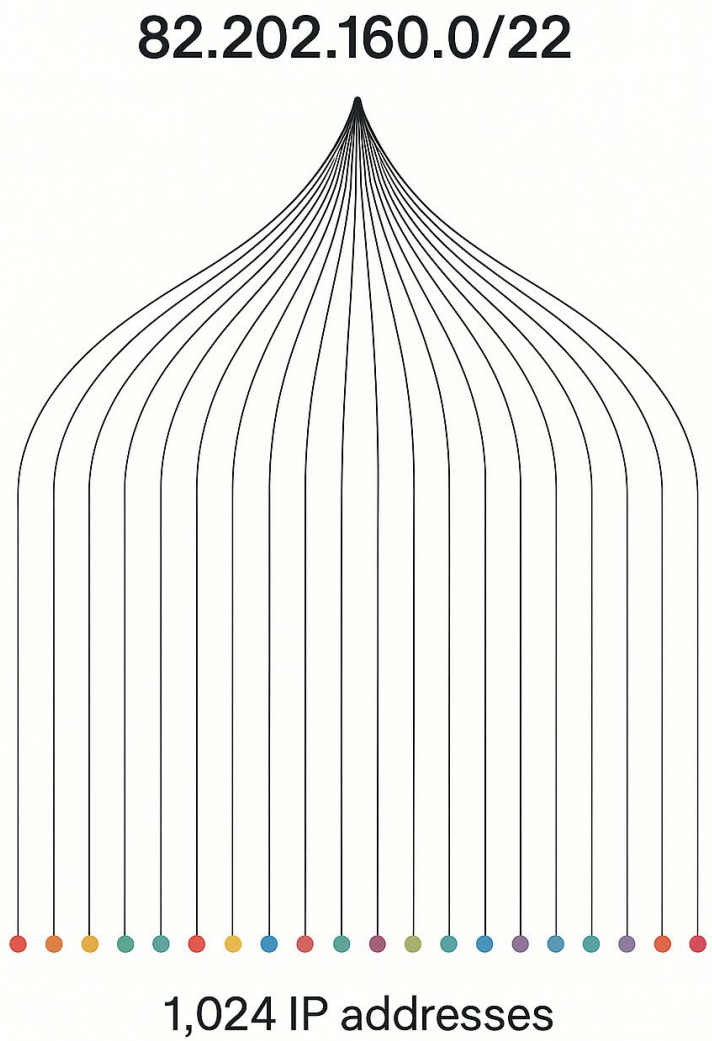
udtcqvfe.rostelekom.xyz
109.95.211.168

CHANNELS

- 5.182.228.146
- 5.182.228.154
- 5.182.228.162
- 5.182.228.170
- 5.182.228.178
- 5.182.228.186
- 5.182.228.19
- 5.182.228.202
- 5.182.228.210
- 5.182.228.218
- 5.182.228.226
- 5.182.228.242
- 5.182.228.250
- 5.182.228.34
- 5.182.228.42
- 5.182.228.58

IP range blocking

- On 2024-12-18, the commission blocked 1024 IP addresses
- The entire IP range 82.202.160.0/22 was blocked
- The hoster was: JSC IOT, Khimki, Nagornoye Shosse 2, Russian Federation



OSINT investigations

- Domaintools.com: historical DNS data, IP info, domain relations
- Oxylabs.io: VPNs, web scraping, residential IPs
- Epieos.com: reverse email, tel. number searches
- Wireshark: website traffic investigations
- Intelligence X: search engine with unique selectors