



The European Observatory on Infringements of Intellectual Property Rights

Observatory Enforcement Supporting Activities and Tools

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IP Key SEA Workshop on the Fight Against Counterfeit Goods
07-8 November 2024, Hanoi, Vietnam

www.ipkey.eu

INDEX

- Tools and resources:
- ACAPT
- IPEP
- EMPACT supporting activities



OBSERVATORY GOALS

Build trust and respect for IP
Support EU policies



to provide **facts** and **evidence** for use by policymakers in the formulation of effective IP policies



to create **tools** and **resources** to step up the fight against IP infringement



to raise **awareness of IP** and of the negative effects of counterfeiting and piracy

TOOLS AND RESOURCES: SUPPORT TO ENFORCEMENT AUTHORITIES



CEPOL/EUIPO trainings and webinars

Eurojust/Europol/OLAF pre-operations

Networking and capacity building

EU/ Regional Seminars

Virtual Training Centre

Anti-counterfeiting and anti-piracy technology guide & tool (ACAPT Guide)

IP Enforcement Portal (IPEP)

EMPACT Operational Actions



TOOLS: ANTI-COUNTERFEITING AND ANTI-PIRACY TECHNOLOGY GUIDE



ACAPT guide Anti-Counterfeiting and
Anti-Piracy Technology Guide

[Home](#) [Technology Search](#) [Technology Map](#) [Resources](#) [About](#)



Anti-counterfeiting and anti-piracy technology guide (ACAPT Guide)

Protect your brand and content with cutting-edge anti-counterfeiting and anti-piracy technology!
Beat counterfeiters and piracy and safeguard your IP assets.

About



Technology search

Search the ACAPT Guide using any word of your choice with additional filters.

[Search →](#)



Guided search

A number of questions will guide you to perform your search for technologies.

[Guided search →](#)



Browse the knowledge repository

Explore the categories, subcategories, and knowledge articles within the ACAPT Guide.

[Explore →](#)



Read the ACAPT Guide

Download the complete ACAPT Guide as an interactive PDF for offline reading.

[Download PDF ↗](#)

Search

TOOLS: ANTI-COUNTERFEITING AND ANTI-PIRACY TECHNOLOGY GUIDE

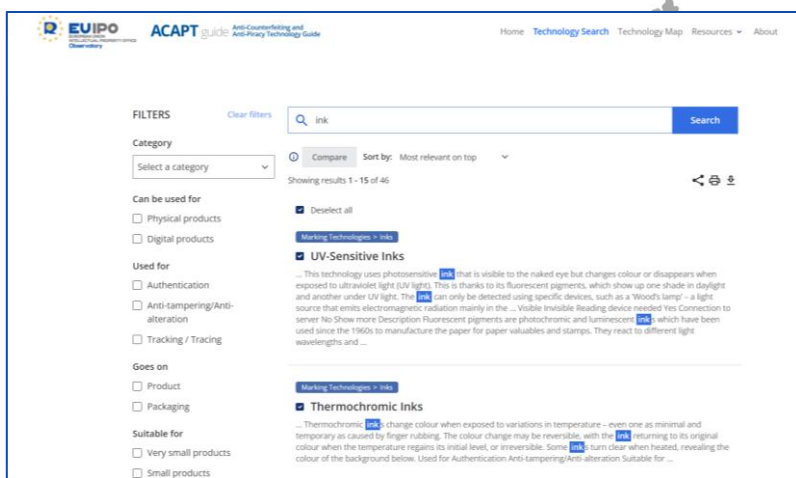
Objectives

- Build knowledge on IP enforcement means by **centralising** and disseminating otherwise disperse and difficult to **understand information on anti-counterfeiting and anti-piracy technologies** among IP right holders, especially SMEs;
- **Support enterprises in protecting their intellectual property rights** by enabling them to find the right technology to protect their physical and digital products.

<https://euipo.europa.eu/anti-counterfeiting-and-anti-piracy-technology-guide/>

TOOLS: ANTI-COUNTERFEITING AND ANTI-PIRACY TECHNOLOGY GUIDE

Search



EU IPO **ACAPT guide** Anti-Counterfeiting and Anti-Piracy Technology Guide

Home Technology Search Technology Map Resources About

FILTERS [Clear filters](#)

Category
Select a category

Can be used for
☐ Physical products
☐ Digital products

Used for
☐ Authentication
☐ Anti-tampering/Anti-alteration
☐ Tracking / Tracing

Goes on
☐ Product
☐ Packaging

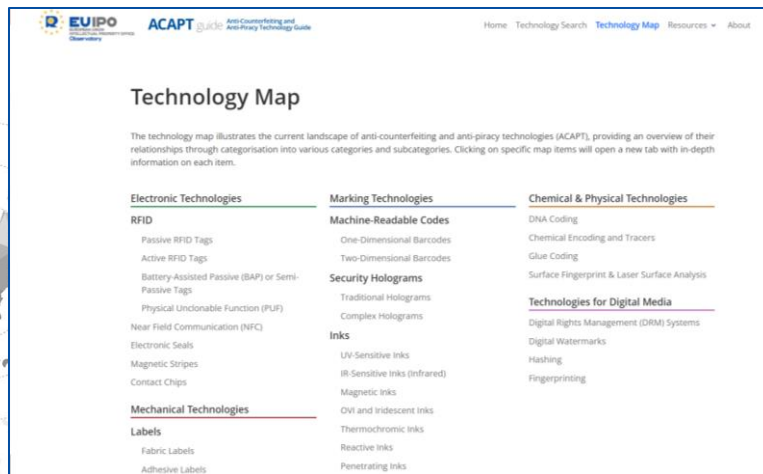
Suitable for
☐ Very small products
☐ Small products

Showing results 1 - 15 of 46

UV-Sensitive Inks
 ... This technology uses photosensitive **inks** that is visible to the naked eye but changes colour or disappears when exposed to ultraviolet light (UV light). This is thanks to its fluorescent pigments, which show up one shade in daylight and another under UV light. The **ink** can only be detected using specific devices, such as a 'Wood's lamp' - a light source that emits electromagnetic radiation mainly in the ... Visible Invisible Reading device needed Yes Connection to server No Show more Description Fluorescent pigments are photochromic and luminescent **inks** which have been used since the 1960s to manufacture the paper for paper valuables and stamps. They react to different light wavelengths and ...

Thermochromic Inks
 ... Thermochromic **inks** change colour when exposed to variations in temperature - even one as minimal and temporary as caused by finger rubbing. The colour change may be reversible, with the **ink** returning to its original colour when the temperature regains its initial level, or irreversible. Some **inks** turn clear when heated, revealing the colour of the background below. Used for Authentication Anti-tampering/Anti-alteration Suitable for ...

Technology Map



EU IPO **ACAPT guide** Anti-Counterfeiting and Anti-Piracy Technology Guide

Home Technology Search Technology Map Resources About

Technology Map

The technology map illustrates the current landscape of anti-counterfeiting and anti-piracy technologies (ACAPT), providing an overview of their relationships through categorisation into various categories and subcategories. Clicking on specific map items will open a new tab with in-depth information on each item.

Electronic Technologies	Marking Technologies	Chemical & Physical Technologies
RFID Passive RFID Tags Active RFID Tags Battery-Assisted Passive (BAP) or Semi-Passive Tags Physical Uncloakable Function (PUF) Near Field Communication (NFC) Electronic Seals Magnetic Stripes Contact Chips	Machine-Readable Codes One-Dimensional Barcodes Two-Dimensional Barcodes Security Holograms Traditional Holograms Complex Holograms Inks UV-Sensitive Inks IR-Sensitive Inks (Infrared) Magnetic Inks OVI and Iridescent Inks Thermochromic Inks Reactive Inks Penetrating Inks	DNA Coding Chemical Encoding and Tracers Glue Coding Surface Fingerprint & Laser Surface Analysis Technologies for Digital Media Digital Rights Management (DRM) Systems Digital Watermarks Hashing Fingerprinting

Mechanical Technologies
Labels
 Fabric Labels
 Adhesive Labels



The IP Enforcement Portal (IPEP): The Nexus between the Private Sector and the Enforcement Community

WHAT IS THE IP ENFORCEMENT PORTAL (IPEP)?

IP ENFORCEMENT portal



EXCHANGE INFORMATION
WITH RIGHTS HOLDERS AND
OTHER ENFORCEMENT
AUTHORITIES

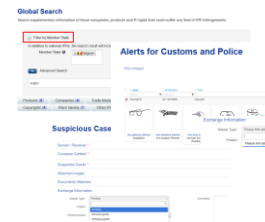


REPORT
DETENTIONS



WHAT IS THE IP ENFORCEMENT PORTAL (IPEP)?

The IP Enforcement Portal (IPEP) is a free of charge, secure platform enabling real-time exchange of information between right holders and enforcement authorities in the 23 languages of the EU. Right holders enter product, IPR and contact information to help enforcers distinguish fake from original goods.



The IP Enforcement Portal is a legal tool: its use by law enforcement authorities is founded on article 2(1) of Regulation EU 386/2012 establishing the mandate of the EU Observatory

IPEP AS AN IPR ENFORCEMENT TOOL

How is IPEP useful to enforcers

- ✓ **Search** - multilingual search in different databases for product, company, contact and real time IPR information
- ✓ **Contact rights holders** through the tool (suspicious cases)
- ✓ **Send or receive alerts** – from rights holders or other enforcement authorities



IPR PORTFOLIO

The trade mark and design information is uploaded directly from TMview and Designview. The information is refreshed nightly, so enforcers always know if there is a valid right they can enforce. GI's are uploaded from the database Glview.

Add IPR

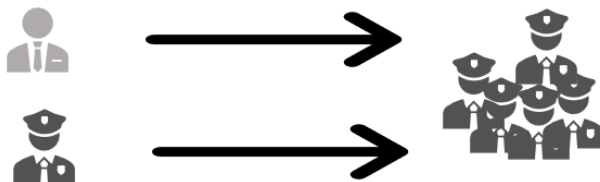
Trade Mark	Design	Geographical Indication	Patent	Copyright	Plant Variety	Other IPRs
Reference Number	<input type="text"/>			Trade Mark Name	<input type="text"/>	
Owner	<input type="text"/>			Office	<input type="text"/>	
Type of Right Holder	<input type="text" value="Owner"/>					
				<input type="button" value="Search Trade Marks"/>		<input type="button" value="Add Trade Mark"/>

HOW CAN IPEP HELP CRIMINAL INVESTIGATORS?

Suspicious case notification



Alert notification



- selected authorities

Interesting case notification



- all authorities



MAIL NOTIFICATION



Wed 17/07/2019 15:13

IP Enforcement Portal notification: New Interesting Case

To: [redacted]

IP ENFORCEMENT portal

Dear IP Enforcement Portal User,

A new Interesting Case Alert has been recorded in the IP Enforcement Portal.

You may find the details via this [link](#) (Access via CCN network) or this [link](#) (Access via internet).

IP Enforcement Portal team.

Observatory

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Avda. de Europa 4, E-03008 Alicante, Spain
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ipenforcementportal@euipo.europa.eu

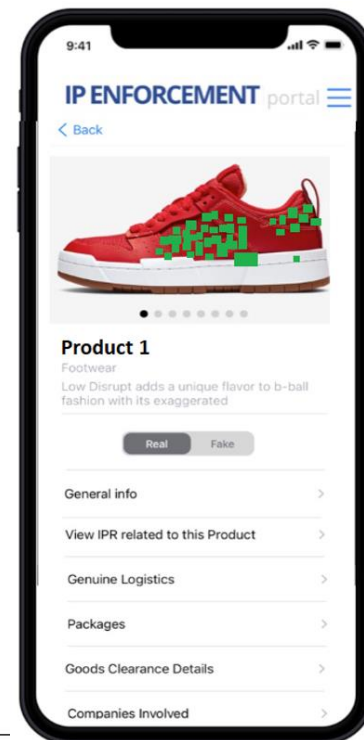
www.euipo.europa.eu

Twitter: [@EU_IPO](https://twitter.com/EU_IPO)

NEW DEVELOPMENTS

IPEP Mobile App for enforcers

- ✓ Secure and multilingual
- ✓ Text, logo and barcode search
- ✓ Full synchronisation with IPEP desktop
- ✓ Search, suspicious cases and alerts
- ✓ Display of related AFA numbers



EUIPO SUPPORT TO OPERATIONAL ACTIVITIES

ENFORCEMENT SUPPORTING ACTIVITIES



EMPACT is an EU Member States driven instrument to
identify
prioritize
address

Threats posed by organised and serious international crime

OBSERVATORY SUPPORT TO IMPACT OPERATIONAL ACTIONS



European Multidisciplinary Platform Against Criminal Threats

ON THE BASIS OF THE 2021 EU SERIOUS AND ORGANISED CRIME THREAT ASSESSMENT, PRESENTED BY EUROPOL, MEMBER STATES HAVE IDENTIFIED 10 CRIME PRIORITIES:

- **Priority 7:** To target criminals orchestrating fraud, economic and financial crimes, including ... intellectual property crime, counterfeiting of goods and currencies...;
- 15 yearly Operational Action Plans (OAPs) including **OAP 7.4: Intellectual property crime, counterfeiting of goods and currencies**



Funded by the European Union

The EU crime priorities for the cycle 2022-2025



PRIORITIES

High-risk criminal networks

Cyber-attacks

Trafficking in human beings

(all forms of exploitation, including sexual and labour exploitation as well as all forms of child trafficking)

Combating child sexual abuse & exploitation

Migrant smuggling

Drug trafficking

-Cannabis, cocaine and heroin (CCH)
-Synthetic drugs and New Psychoactive Substances (NPS)

Fraud, economic and financial crimes

-Online fraud schemes
-Excise Fraud
-Intellectual property crime, counterfeiting of goods and currencies
-Criminal finances, money laundering, asset recovery

Organised property crime

Environmental crime

Firearms trafficking

Document fraud

Co-operation between the relevant services of the Member States, EU institutions and EU agencies as well as third countries and organisations, including the private sector where relevant.



Council of the European Union
European Commission



FRONTEx



The EU policy cycle and the EMPACT

Priority: Fraud, economic and financial crimes

Sub-priority: Intellectual property (IP) crime, counterfeiting of goods and currencies

The aim of this sub-priority is *“to combat and disrupt criminal networks and criminal individual entrepreneurs involved in IP crime and in the production, sale or distribution (physical and online) of counterfeit goods or currencies, with a specific focus on goods harmful to consumers’ health and safety, to the environment and to the EU economy.”*



*INTELLECTUAL PROPERTY
CRIME, COUNTERFEITING OF
GOODS AND CURRENCIES*

Operational Action

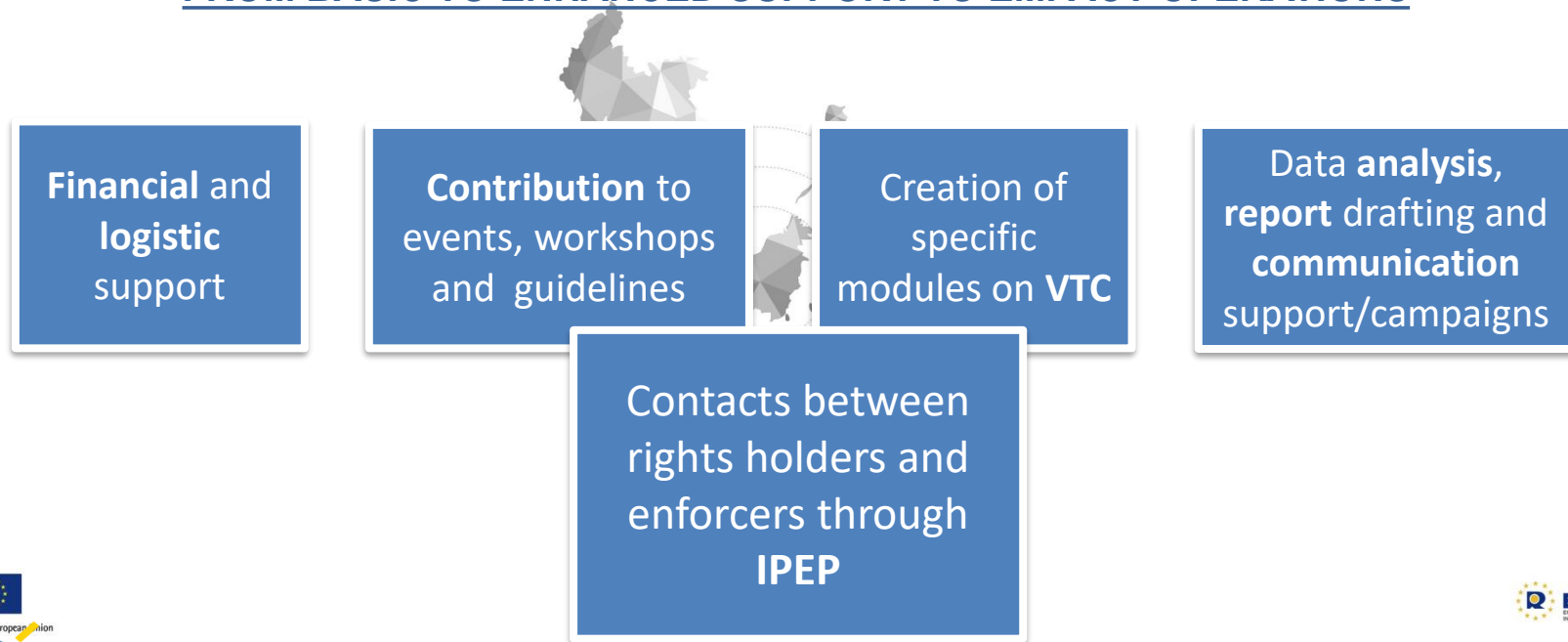
OBSERVATORY SUPPORT TO EMPACT OPERATIONAL ACTIONS

- **Leading EMPACT Actions** (OA IP Crime Investigation Handbook & OA Knowledge building/sharing LE officials & members of judiciary for EU Funded Cooperation projects)
- **Co-lead activities on training and share best practices** (OA Training activities on IP crime, counterfeiting goods & currencies)
- **Support other activities** (as participant)



OBSERVATORY SUPPORT TO IMPACT OPERATIONAL ACTIONS

FROM BASIC TO ENHANCED SUPPORT TO IMPACT OPERATIONS



OPERATION FAKE STAR RESULT 2023



Results Operation FAKE STAR

Domestic production sites

Hungary, Portugal and Spain

Separate entries of **semi-finished products, labels and packaging materials** were detected

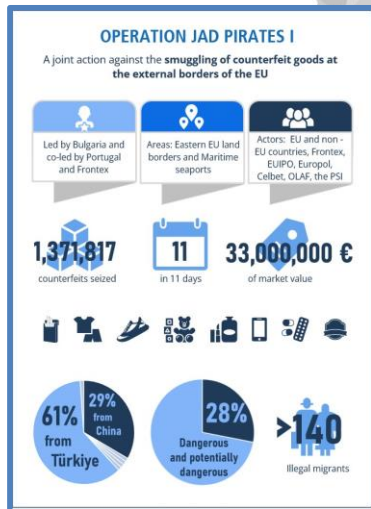


Origin of counterfeited goods
China and Türkiye

Source: [Op FAKE STAR Analysis report](#)



JAD PIRATES – SMUGGLING OF COUNTERFEIT GOODS AT THE EXTERNAL BORDERS OF THE EU



The EU policy cycle and the EMPACT



Factsheets on 15 operational action plans - EMPACT 2023 RESULTS / 27

INTELLECTUAL PROPERTY CRIME AND COUNTERFEITING OF GOODS (IPCCG) 2023 Results



OPERATIONAL HIGHLIGHTS FOR PUBLIC VERSION (From Driver's report)

Operational achievements (operations, EMPACT action days and EMPACT Joint Action Days)

1 096 arrests

Seizures

- 25.4 million counterfeit cosmetics and body care items;
- 8.5 million € counterfeit clothes, shoes, and garments counterfeit;
- 2 040 tons of fake or illegal pesticides;
- 19 million € of toys packages;
- 5 million € (face value) in counterfeit currency.

Seizures

- 200 000 cash

Assets seized

- 3 million € cash;
- Counterfeit products value of 205 million €

Investigation Initiated

- 1 406

Other

- 1 718 people reported to judicial authorities;
- 1 213 judicial cases opened.

No data reported in the category 'Tax Evasion'.

Op. Aphrodite V
Targeting counterfeit cosmetics and perfumes that are traded illegally on online platforms and on physical markets.

- 25 million counterfeit cosmetics, perfumes and body care items seized;
- 24 suspects arrested;
- More than 400 persons reported to judicial authorities;
- 1 406 investigations initiated.

Op. Fake Star
Targeting counterfeit goods, violating well-known brands' intellectual property rights by focusing on checks of warehouses, stores, street markets, etc.

- 581 arrests;
- 8 million counterfeit clothes, shoes and garments seized;
- 108 170 700 € total value of counterfeit goods seized;
- 1 213 judicial cases opened;
- 1 367 administrative cases opened.

JAD Pirates
Targeting infringements of Intellectual Property IP rights at the external borders (including maritime one) of the EU.

- 810 995 counterfeit goods seized;
- 61 246 counterfeit electronic devices seized;
- 7.8 million cigarettes seized;
- 59 firearms seized;
- 33 million € value of goods seized.

Op. Shield IV
Tackling the illegal trafficking, distribution and sale of counterfeit or substandard medicines and medical devices

- 1 284 individuals charged (296 arrests and 988 under prosecution);
- 52 criminal networks investigated;
- 64 million € worth of seizures;
- 4 underground labs dismantled;
- 92 websites shut down;
- 10 investigations initiated;
- 35 persons arrested;
- over 200 000 counterfeit items (clothes, shoes, phone cases and other accessories) seized.

Op. Renaissance

Tackling a criminal network engaged in illicit production and dissemination of counterfeit € banknotes and forged ID documents

- 6 suspects arrested;
- Counterfeit 50 € banknotes (with face value 125 000 €) seized;
- Hologram stickers for 50 € and 100 € banknotes;
- Printing machines, laminators, hot-stamping machine (press machine), and clichés for imitating the embossed areas of 100 € banknotes. Forged IDs and passports seized, together with 6 kg of phedrine;
- 1 illegal print shop dismantled.

Multidisciplinary cooperation at national and international level among agencies (customs, border guards and police units) involved in the detection, investigation, and prosecution of IPRI infringement cases and currency counterfeiting.



COOPERATION PRIVATE SECTOR

Building partnerships between law enforcement agencies and private sector against IP-related crime across multiple operational actions (right holders, online platforms, social media, payment service providers, etc)

Joint Cyber-patrolling activity

Monitoring of Darkweb marketplaces, open internet websites, including social media platforms, for offers related to distribution of counterfeit money and raw materials used for the production of counterfeit currency. Action carried out by patrolers from 15 countries, that resulted in identifying 47 vendors, suspected in disseminating counterfeit currencies in Darknet, social media and various internet sites.



COOPERATION WITH NON-EU PARTNERS AND PRIVATE PARTIES

Detecting and intercepting illegal streaming websites and illegal IPTV Experts group created to exchanging information, align strategies and tactics. The action was strongly supported by specialized personnel from the private sector (Audiovisual Anti-Piracy Alliance). The expert group will turn its focus in 2024 on fighting online broadcasting of pirated content linked, among others, to Olympic games and UEFA EURO Cup.



THANK YOU



@IPKey_EU

