

A form of cybercrime, high-tech crime refers to crimes that use electronic and digitally based technology to attack computers or a computer network.

Such crimes include the hacking of computers or any unauthorised use or distribution of data, denial of service attacks and distribution of computer viruses.

High-tech criminals use a suite of malware tools, ranging from banking trojans to ransomware and phishing, to stage their attacks.

Malware, or malicious software, infiltrates and gains control over a computer system or a mobile device to steal valuable information or damage data. There are many types of malware, and they can complement each other when performing an attack.

- **Adware** displays advertising banners or pop-ups that include code to track the user's behaviour on the internet.
- A **backdoor/remote-access trojan (RAT)** accesses a computer system or mobile device remotely. It can be installed by another piece of malware. It gives almost total control to the attacker, who can perform a wide range of actions, including:
 - monitoring actions
 - executing commands
 - sending files and documents back to the attacker
 - logging keystrokes
 - taking screen shots
- A **botnet** (short for robot network) is made up of computers communicating with each other over the internet. A command and control centre uses them to send spam, mount distributed denial-of-service (DDoS) attacks and commit other crimes.
- A **file infector** infects executable files (such as .exe) by overwriting them or inserting infected code that disables them.
- **Ransomware** stops users from accessing their devices and demands that they pay a ransom through certain online payment methods to regain access. A variant, police ransomware, uses law enforcement symbols to lend authority to the ransom message.
- **Scareware** is fake anti-virus software that pretends to scan and find malware/security threats on a user's device so that they will pay to have it removed.
- **Spyware** is installed on a computer without its owner's knowledge to monitor their activity and transmit the information to a third party.
- A **rootkit** is a collection of programmes that enable administrator-level access to a computer or computer network, thus allowing the attacker to gain root or privileged access to the computer and possibly other machines on the same network.
- A **trojan** poses as, or is embedded within, a legitimate programme, but it is designed for malicious purposes, such as spying, stealing data, deleting files, expanding a botnet, and performing DDoS attacks.
- A **worm** replicates itself over a computer network and performs malicious actions without guidance.

The flourishing cybercrime-as-a-service business model is continuously providing criminals with access to a large number of cybercrime techniques.

NUMBER OF ITEMS FOUND: 64

SEARCH



TYPE

Article/Story, Event, How-To Guide, Landing Page, Multimedia, News/Press Release, Operation, Page, Publication/Document



TARGET GROUP



Q SEARCH

⊗ CLEAR ALL



JOINT CYBERCRIME ACTION TASKFORCE (J-CAT)

11
Feb
2020

EUROPOL

THIRD EUROPEAN YOUTH DAY AT EUROPOL

EVENT

24
Oct
2019



3RD ENISA - EUROPOL IOT SECURITY CONFERENCE

EVENT

25
Jun
2019



6 ARRESTED IN THE UK AND NETHERLANDS IN €24 MILLION CRYPTOCURRENCY THEFT

NEWS/PRESS RELEASE

14
Jun
2019



CRYPTOCURRENCY EXPERTS MEET AT EUROPOL TO STRENGTHEN TIES BETWEEN LAW ENFORCEMENT AND PRIVATE SECTOR

NEWS/PRESS RELEASE

08
May
2019



DEEPDOTWEB SHUT DOWN: ADMINISTRATORS SUSPECTED OF RECEIVING MILLIONS OF KICKBACKS FROM ILLEGAL DARK WEB PROCEEDS

NEWS/PRESS RELEASE

23
Nov
2018

EUROPOL MAKING EUROPE SAFER

MAKING THE VOICES OF YOUTH ADVOCATES HEARD AT EUROPOL'S 1ST EUROPEAN YOUTH DAY

NEWS/PRESS RELEASE

25

Oct
2018



IF YOUR TOOTHBRUSH CALLS YOU, IT MIGHT NOT BE FOR DENTAL HYGIENE: THE IMPORTANCE OF SECURING THE INTERNET OF THINGS

NEWS/PRESS RELEASE

18
Sep
2018



INTERPOL-EUROPOL CONFERENCE CALLS FOR GLOBAL RESPONSE TO CYBERCRIME

NEWS/PRESS RELEASE

18
Sep
2018



15 WAYS YOU COULD BE THE NEXT VICTIM OF CYBERCRIME

NEWS/PRESS RELEASE

31
May
2018



EU LAW ENFORCEMENT RAMP UP ITS EFFORTS TO TRACK DOWN MONEY MULES

NEWS/PRESS RELEASE

25
Apr
2018



WORLD'S BIGGEST MARKETPLACE SELLING INTERNET PARALYSING DDOS ATTACKS TAKEN DOWN

NEWS/PRESS RELEASE

« FIRST

« PREVIOUS

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5

6

NEXT »

LAST »

Source URL: <https://www.europol.europa.eu/crime-areas-and-trends/crime-areas/cybercrime/high-tech-crime?page=1>