

Keylogger



Keylogger – tool to record or capture the keys pressed on a keyboard (keystroke)

- A legal tool that can be used for legal purposes
 - typing behavioral study
 - employee remote working monitoring
 - ...
- However it could also be used for criminal activities
 - personal information theft
 - spy on the target
 - ...

Software Keylogger



Software Keylogger listens to and records the keystrokes, screen, or other activities in the system

- Running in the background unnoticed by the user
- Can run at different levels
 - application
 - smartphone keyboard
 - browser plugin
 - operating system
 - memory
 - ...

Hardware Keylogger



Hardware Keylogger can be connected between the keyboard and the computer

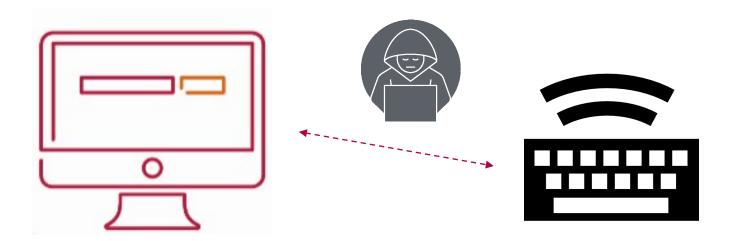


http://www.kingston.ac.uk/it-security/includes/img/static/usb-logger.jpg

Wireless Keylogger



Wireless keylogger capture the data packets between wireless keyboards and computers



Protective measures:

Strong encryption technique implemented for the data transfer

Acoustic Keylogger



Acoustic keylogger reconstructs the keystrokes by meanse of the sound produced when typing on the keyboard



Quelle: "Deutschland '83" UFA Fiction, 2015