

## Data safe from hackers thanks to a chip developed by Andalusian researchers

LOCATION: Seville

DURATION: 2:08

**SUMMARY:** Researchers of the Microelectronics Institute and the University of Seville have developed a security system called Criptobio that protects confidential information from cybernetic attacks. It has a USB device that contains a chip that requests a finger print and a facial recognition test to allow access. This protection system has been created to give a solution to the safety problems on the Internet regarding data protection.

### VTR:

An impossible mission even for the most irresistible spy of the big screen. Because this computer is impenetrable even for him. It is protected by a security system called Criptobio, a combination of facial recognition, finger prints and the most innovative, a chip connected through USB that acts like an unbreakable lock.

**SUSANA EIROA**  
**Researcher Criptobio**

*"You would have to break three safety barriers; it would be similar to knowing everything from you, having all your characteristics and also the device you are using."*

Its creators are these researchers of the Microelectronics Institute and the University of Seville, who wanted to give a solution to the safety problems on the Internet regarding data protection. An example of this, is what happened to Sony when in 2011 a hacker was able to access the bank data of Playstation users.

**ILUMINADA BATURONE**  
**Main researcher Criptobio**

*"All our information is more present on the Internet. Every time we have to access and move into that world, we have to move with safety."*

It is as simple as connecting a USB that contains a hackers proof chip. The information it contains is encrypted and protected from unwanted copies.

**ILUMINADA BATURONE**  
**Main researcher Criptobio**

*"Although an attacker copies your device, this device is unique, if you copy it, it isn't going to work."*

Even if it is stolen, the information would be still safe due to its fingerprint and facial identification systems. This way we make sure that.

**ILUMINADA BATURONE**  
**Main researcher Criptobio**

*"Each individual is who he claims to be."*

A project in which also collaborate the University of Huelva, the CSIC and Madrid's Polytechnic University, able to protect the most confidential information with a system impossible to cheat unless you have a mask like this one.

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