User's manual

USBSecurity version 2.0.5

The USB port has marked a before and after in technologies and communications. It created a standard for connecting portable, hot-pluggable devices to computers that support it. The portable nature of these devices makes them ideal carriers of viruses and sometimes unauthorized information. In environments where sensitive information is involved, this is a problem.

The devices cannot be controlled other than by being plugged into a computer and logging their activity. The idea would be, in addition to logging, to grant permissions to use the USB ports. USBSecurity proposes a comprehensive and flexible solution to manage them using user accounts.

How it works

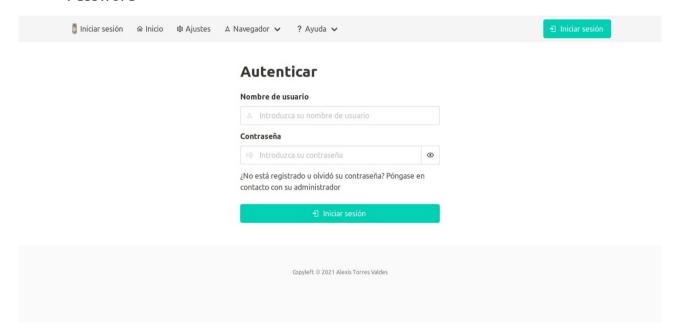
USBSecurity is a set of programs installed on the system that work in the background monitoring and granting/denying access to computer ports based on user accounts.



Authenticate

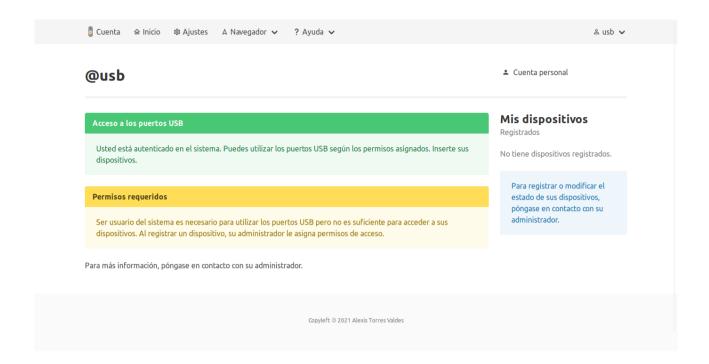
Credentials are required to access the system:

- Username
- Password



USBSecurity manages two types of accounts:

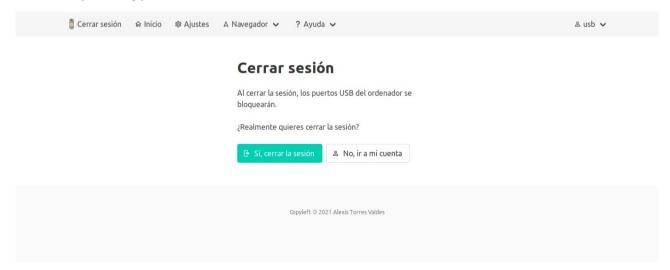
- Personal
- Collective



Security

The main policy is to protect the user's session to prevent third party access to the user's account. To prevent this type of behavior, the user is automatically logged out when the devices are removed. Logging out does not affect the connected devices and it is recommended to do so when finished on the computer.

In the case of personal accounts the password set by the user is only known to the user as it is kept encrypted at all times.



Settings

The application has several adjustable options:

- Appearance
 - Light/Dark
 - Light
 - Dark
- Language
 - English
 - Spanish

Changes in the settings are permanent when using the application from the browser. In the case of personal accounts the user can change the password.

