ALCASAR

An authenticated and secured captive portal

ALCASAR is a free access control portal for Internet consultation networks. It authenticates, attributes and protects accesses of the users regardless of connected equipments. It includes network filtering mechanisms permitting to meet various needs especially for institutions welcoming young people. In France, ALCASAR allows those responsible for consultation networks to be conform for the laws.
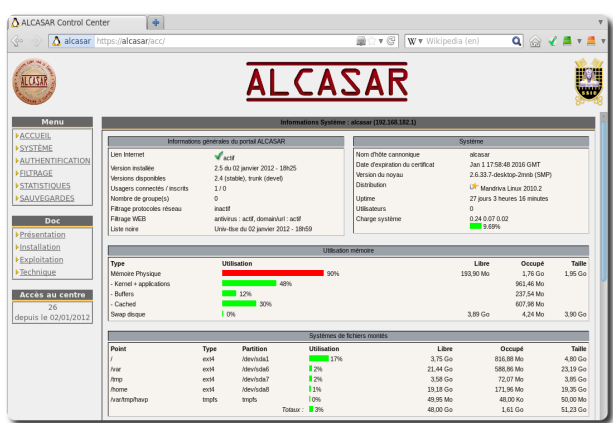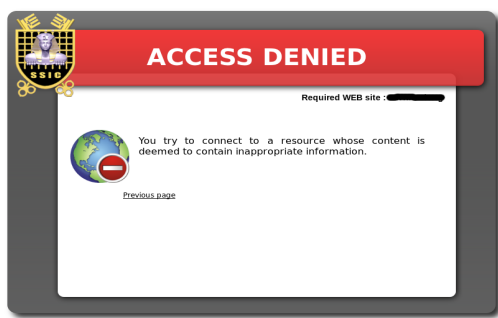
To authenticate and control access

Network Access Control

User

Password

Authentication

Information System Security

■ That control was set up regulations to ensure traceability, accountability and non-repudiation of connections.
■ The recorded data can be able to be operated by a judicial authority in the course of an investigation.
■ Your activity on the network is registered in accordance with privacy.
■ These data will be automatically deleted after one year.
■ Click here to change your password or to integrate the security certificate in your browser

To trace and impute while respecting privacy

To protect the consultation network

ACCESS DENIED

Required WEB site :

You try to connect to a resource whose content is deemed to contain inappropriate information.

Previous page

ALCASAR is based on about twenty softwares in order to constitute an authenticating secure captive portal positioned between Internet and a consultation network. All these functions are integrated in only one standard computer. Thus, this portal is totally **independent** both for the ISP's equipments and for the consultation network access technologies (WIFI, PLC, Ethernet, etc.). An installation documentation is supplied to allows a **simple** and **quick** deployment.

Welcome on ALCASAR

Your captive portal main page

- Logoff from internet
- Install ALCASAR AC Certificate
- Change your password
- ALCASAR Control Center

ALCASAR Control Center
This center control the portal. You must have an administrative account.

The main page allows users to log-off, to change their password and to import the security certificate into their browser. It allows administrators to manage, in secure way, the portal via the Alcasar Control Center (ACC).

Components of ALCASAR

- A standard computer with two network cards
- Secured Linux Operating system
- Firewall bastion and filtering router
- Interception gateway
- DHCP Server
- Authentication server
- Data base Management System (users database)
- WEB cache Relay (proxy WEB)
- WEB filtering (URL, antivirus, search engine)
- Network protocols filtering
- Time server
- Filtering DNS (blackhole)
- Log processing
- Install, update and management scripts
- Local and remote WEB administration system :
  - ✓ users and groups management
  - ✓ filtering management (protocols, domains and URL)
  - ✓ log files backup
  - ✓ connection and consultation statistic reports
  - ✓ real time Firewall report
  - ✓ real time system information
  - ✓ Real time consultation network activity report
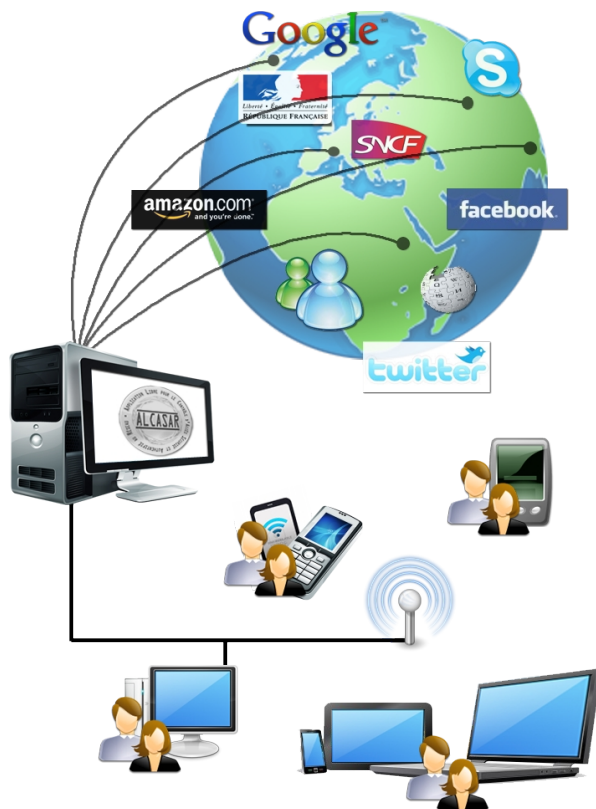
Respect the French and european laws

- Directive européenne 2006/24/CE sur la conservation des données.
- Loi française N°2004-575 pour la confiance dans l'économie numérique (consolidée au 19/05/2011).
- Décret français N°2011-219 relatif à la conservation et à la communication des données permettant d'identifier toute personne ayant contribué à la création d'un contenu mis en ligne.
- Une journalisation conforme aux préconisations de la CNIL et du CERTA (CERTA-2008-INF-005).
- Intégration des recommandations ANSSI dans le pare-feu « Netfilter » (CSPN-2009/04).

www.alcasar.net