

Security as a critical issue

Ganetec's solution to palm vein access control is based on the technology "Saiwall Secure" from Saima Systems.

This system is based on the palm vein-network, since they have multiple features that make each person unique. Specifically on the blood veins pattern, which is unique to every individual, even among identical twins. Moreover, the system needs blood circulation for it to work, ensuring liveness.

Palm vein access control is an access control solution focused on environments where security is considered as a critical issue.

"PalmSecure™", technology captures an image from the vein patterns of the hand palm by radiating his/her hand with near-infrared rays. Veins are an internal element of the human body and have many features that make each person unique. Therefore, reducing false acceptance rates close to zero. Everybody has veins in their hands, which makes this technology different from other technologies based on external patterns and does not allow any significant false rejection rate.

THE MOST COMPLETE TERMINAL

SAIWALL SECURE®, integrates a high security communications platform that will allow users to connect remotely as many terminals as it may be necessary, and to combine them with other types of access and attendance devices.



Our strengths:

- Conceived to get integrated to any other existing access control software.
- It will not keep any data on the terminal
- Contactless, hygienic and non-invasive.
- It accomplishes with highest security standards (ISO).
- Solid structure that will protect it from vandalism or climate incidents.
- Not susceptible to minor trauma, cuts, etc. (conversely to some fingerprint systems).
- This system is not dangerous, a near infrared is a component of sunlight: there is no more exposure when scanning the hand than by walking outside in the sun.

Offline/Online Solutions:

Terminals will get online and to other terminals through a TCP/IP protocol. Its intelligent connexion system is self-configurable and Plug & Play as well from the local as from the remote network. This will allow an easy, simple integration regarding other software or hardware and will offer a stable, solid system.

