

gesac II

Physical Access Control System
with Fingerprint Identification

- Distributed system over TCP/IP networking, with high availability and fail tolerance.
- Centralized and distributed management.
- High security access control to sensitive areas by using customized fingerprint identification.
- Personnel customized identification, by means of number of minutiae and FAR & FRR ratios.
- Very accurate security policy and business rules.
- Complete flexibility to comply any Organization's need.
- Global or individual monitoring capabilities of zones or access points.
- Customized ID cards printing capability.
- Control of area's personnel capacity.
- Selectable pass-back functionality.



Gesac II is an Automated Physical Access Control System, which provides an efficient and secure access control, by means of granting or denying it to personnel or vehicles to sensitive and protected facilities of different head offices geographically spread, at different cities and even countries.

Gesac II is intended for solving the needs of small or medium companies, large enterprises, and governmental agencies with high security access requirements. It solves and manages the access control of steady personnel and co-workers, visitors, providers and distributors, to restricted and secure areas using fingerprint identification to guarantee actual identities.

The system locates at every moment any individual in the controlled facilities by tracking them during the stay, establishing the followed path.

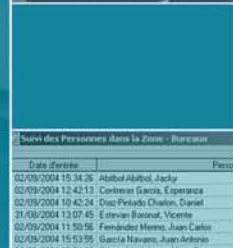
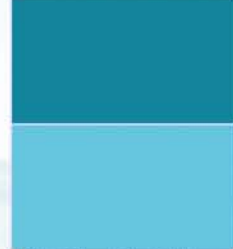
Main Functional and Technical Features:

- Fingerprint identification allows:
 - Selection of the type of biometric behaviour, verification (1:1), identification (1:N), or both, at any individual fingerprint access point.
 - Selection of the minimum threshold, in terms of FAR & FRR ratios, that must be reached for granting access, at any individual fingerprint access point.
 - Selection of the minimum number of minutiae points must be reached for granting access at any individual fingerprint access point.
 - Selection the minimum captured area of fingerprint to grant access at any individual fingerprint access point.
 - Customize for any system's user the above parameters.
- Gesac II integrates conventional identification means, as Personal Identification Number, PIN, Magnetic Stripe Card, and Proximity Technology Cards, Mifare, 125 kHz, Indala, HID, and other vendors.
- Definition of different managing roles, from mere users to super-administrators.
- Definition of schedules & calendars, and business rules for defining the complete custom secure policy.
- Automated vehicle identification by means of plate number and frontal contour.
- Distributed architecture based on TCP/IP network, with central and distributed management.
- No need of proprietary hardware, all software runs on Windows platforms.
- Complete fail tolerance by automated error recovering and alarm & warning generation.
- Transmission of managing messages using SMS upon GMS/GPRS or UMTS standards.

Salle Haute Sécurité - Entrée

Surveillance Salle Haute Sécurité - Entrée

Accès	Date	Nom
	02/09/2004 15:21:36	
	02/09/2004 15:21:36	
	02/09/2004 15:21:50	Julian Pérez Rubio
	02/09/2004 15:21:54	
	02/09/2004 15:22:02	Ramundo Saenz Cohu-



Survi des Personnels dans la Zone - Bureau

Date d'entrée	Person
02/09/2004 15:34:26	Abdul Adhul, Jaqir
02/09/2004 13:42:13	Concepcion Garcia, Esperanza
02/09/2004 10:42:24	Diego Pineda Chalon, Daniel
31/08/2004 13:07:45	Esteban Bonnal, Vicente
02/09/2004 11:50:56	Fernández Moreno, Juan Carlos
02/09/2004 15:53:59	García Navarro, Juan Antonio
02/09/2004 15:54:26	Gómez Valdeolmillos, Maria Teresa
02/09/2004 14:49:44	Hernandez Iguada, Adolfo
15/05/2004 10:30:59	Hernández Muñoz, Ana
20/04/2004 14:05:43	Marino Vilches, Soledad
02/09/2004 15:13:49	Muñoz Morera, Manuel
02/09/2004 16:10:28	Morales Muñoz, Elia
02/09/2004 15:22:28	Navia Navro, Jose
11/06/2004 14:53:26	Obregon Garcia, Fernando
02/09/2004 13:41:40	Pérez Rubio, Julian
02/09/2004 14:22:02	Pulido Pulido, Luisito
02/09/2004 15:32:02	Serrano Hernandez, Antonio



Advanced Software Technologies, S.A.
C/ Caleruega 102
28033 Madrid (Spain)
Tlf: +34 91 766 46 00 / +34 902 48 33 48
Fax: +34 91 383 00 59
www.ast-software.com



GFI Informática
Centro Empresarial Parque Norte
C/ Serrano Galvache, 56
Edificio Encina, Planta 7
28033 MADRID (Spain)
Tlf: +34 91 383 63 20
Fax: +34 91 383 28 65
www.gfi-info.com