

SMACS

**Intelligent Anti-Tailgating.
BioVisual Analysis.**

The missing link in Access Control.





Authorised user...
But did he enter alone?
And who is he?

SMACS prevents Tailgating and Piggybacking in the workplace by enhancing your existing security systems with the addition of intelligent 3-D recognition and Biovisual Body Mass analysis.

Through an almost invisible retrofit to your existing property's interior and without costly building works SMACS guarantees the highest levels of security authorisation and provides the missing 3rd dimension to your Access Control system.

The critical security issue facing building managers today is how to overcome the threat of tailgating or piggybacking within secure areas. Access Control systems provide only a part of this solution as cards can easily be lost or stolen. Even Biometric readers cannot prevent the passage of unauthorised personnel, either forced or accidental, behind that of an authorised user.

How SMACS works

By interfacing with the existing Access Control system, SMACS instantly scans a pre-defined floor area for singular occupancy before instructing the Access Control system to unlock the requested door, assuming that only one person is detected. In the case of 2 people or more being detected, the door remains locked and voice messages can direct the users to re-enter 1-by-1.

SMACS provides the most secure solutions within an airlock lobby but can also be employed on a single doorway to trigger an alarm upon a tailgating attempt.

Innovative

- Seamless integration with existing Access Control systems and enhancement via intelligent 3-D recognition and Body Mass analysis to ascertain that only 1 person passes through a doorway per transit
- SMACS automatically registers a user's 3-D shape upon their 1st transit and stores this detail for future verification when passes or biometric credentials are presented
- SMACS requires minimal supervision or management and can therefore form part of a remotely managed 24/7/365 secure access system
- SMACS can also integrate with Video IP Surveillance platforms



Which one has access rights?

'The best access control system is not sufficient, if identified people may be followed by non-authorized people. Fastcom invented the missing link in access control. It's called SMACS'. D. H. Security Manager, Fortune 500 company

Throughput

- SMACS decision time is 0.5 seconds
- Throughput rates are not restricted by SMACS. Speed of passage is determined purely by the action of existing doors, Access Controls and user movement

Installation

- The SMACS system may be removed and re-installed at an alternative site later in the product's life cycle with minimal disruption or building works
- A typical SMACS installation is completed within 2 days. Delivery is typically 6 weeks
- SMACS is virtually invisible and unintrusive with only a compact Smartsight sensor being present in the ceiling



Flexibility

- SMACS accommodates deliveries and common materials such as baggage or trolleys by use of a designated object drop-area which requires only simple floor markings
- Multiple doors within a corridor or lobby can be controlled by SMACS to allow Building Managers complete control over personnel access rights
- SMACS integrates with the existing Access Control system and accommodates upgrades including Biometric readers
- Security and Emergency override features can be built in or added at a later date

User Friendly

- Wheelchair access is fully supported
- Full Voice Guidance is provided as an option to assist users
- Event Log reports are also available to monitor user transit information
- Remote online technical support is available to easily diagnose system performance

Access Controls and Interlocks can also be provided as tailored solutions by Meesons to control the operation of each door.



Applications:

Financial Institutions	Utilities
Data Centres	Government
Commercial Offices	Vaults
Airports & Terminals	Border Control
Judiciary Facilities	Laboratories
Hospitals	Pharmacies



SMACS specifications

	SMACS ENTRY ASB_SMACS_ENTRY	SMACS FLEX ASB_SMACS_FLEX	SMACS FLEX+MAT ASB_SMACS_FLEXMA	SMACS MAT ASB_SMACS_MAT	SMACS CUSTOM ASC_SMACS_CUST
Package					
PowerSight processing unit	✓	✓	✓	✓	specific configuration
SMACS Licence with Dongle	✓	✓	✓	✓	
Inputs/Outputs	4 /4	20/20	20/20	20/20	
24VDC power supply	✓	✓	✓	✓	
SMACS People detector	✓				
IP Dome camera		1 up to 4 (size)		4	
SmartSight sensor	✓	✓	✓		
Luggage zone			56 x 45 x 24 cm	max 24m2	
BioVisual Interface	✓	✓	✓		
Management of doors	1	2 to 4	2 to 4	2	
Functions					
3D BioVisual person analysis	✓	✓	✓		✓
Handluggage capability			✓		✓
Material Only Zone				✓	✓
Two-way anti-tailgating detection	ASB_SMACS_ENTRY2	✓	✓		✓
Multi-person analysis					✓
Close tailgating detection	✓	✓	✓		✓
Piggybacking detection	✓	✓	✓		✓
Automatic door management	✓	✓	✓		✓
Material only detection				✓	✓
Alarm management	✓	✓	✓	✓	✓
Empty check	✓	✓	✓	✓	✓
Options					
Event Log Viewer	•	•	•	•	•
Visual Guidance	•	•	•	•	•
Audio Guidance	•	•	•	•	•

• = available as option

✓ = standard

Technical data

Processing unit dimensions	345 x 225 x 100 mm
Connectivity	Network, Standalone
Hardware interface	Digital I/O, dry contacts, TCP/IP
Camera compatibility	Analog PAL/NTSC, Network (Axis, Mobotix, Sony, Panasonic, Vivotek)
Maximum airlock size	unlimited
Minimum camera height	
- CCTV camera	2.20m
- SmartSight camera	2.50m
Access control interface	Wiegand, TCP/IP, RS232/485
Alarm interface	Digital I/O, dry contacts, TCP/IP
Power supply	120/220VAC

Fastcom Technology S.A.

Blvd. de Grancy 19a
1006 Lausanne
Switzerland
Tel +41 21 619 06 70
Fax +41 21 619 06 71

www.smacs.com

fastcom
TECHNOLOGY

distributed by:

MEESONS
FACILITATING ACCESS - PEOPLE AND PROPERTY

Meesons AI Limited
T 0870 787 7846 | F 01756 797570
enquiries@meesons.com
www.meesons.com

Cardea House, Sidings Business Park, Skipton, North Yorkshire, BD23 1TB, UK