



# The missing link

## SMACS - Intelligent Access Control

Meesons advanced anti-tailgating solution

**MEESONS**  
SAFE SECURE ACCESS

Anti-Tailgating | Counters & Screens | Automatic Doors | Access Control

**Founded within the culture of “Little Mesters” in Sheffield during 1864, today Meesons are a key player in the UK security industry. With 7 generations of expertise we are here to help you find the correct solution that meets your needs.**

**Meesons has survived several transformations by holding fast to its core principles of individual client attention and market adaptation.**

**We supply and install a wide range of quality and innovative products that help ensure your premises are safe and secure. From anti-tailgating products such as security portals and turnstiles to security screens and counters we have a product to suit you.**

**Welcome to intelligent access control - SMACS...**

Here you will find details of an intelligent access control system which eliminates the threat of tailgating.



Meesons SMACS system offers a truly unique solution to secure your premises from unauthorised access at the highest level.

For further information on our SMACS solutions, please contact Meesons on:

**0870 787 7846**  
enquiries@meesons.com  
[www.meesons.com](http://www.meesons.com)

**Meesons don't only provide SMACS solutions, please ask us for details of our full product range:**

- Anti-Tailgating Solutions
- Counters & Screens
- Automatic Doors
- Access Control

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*SMACS Entry*



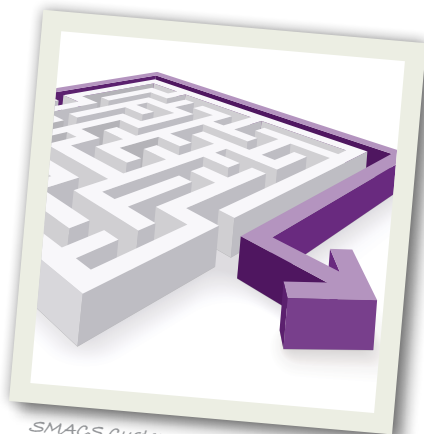
*SMACS Flex*



*SMACS Material*



*SMACS Flex + Material*



*SMACS Custom*

# About SMACS

**Stopping unauthorised access is crucial to your business security. Access Control systems provide only part of your company's entrance security. Cards can be lost or stolen, so how do you prevent an unauthorised visitor entering your building?**

Even biometric systems cannot prevent the passage of unauthorised personnel, either forced or accidental, behind that of an authorised user, otherwise known as tailgating.

SMACS works by enhancing your existing security systems with an additional 3D recognition and bio-visual body mass analysis. Once an authorised user has passed through the system for the first time SMACS automatically registers their 3D shape and body mass for future verification.

By interfacing with your existing access control solution, SMACS quickly scans a predefined floor area for single occupant before instructing the access control system to unlock the requested door. In the case of two or more people being detected the door remains locked and a voice message can direct the users to exit and re-enter one at a time.

SMACS requires minimal supervision or management and can also integrate into a video IP surveillance platform for additional peace of mind.

The SMACS system can be adapted to any business or situation. It can allow deliveries through a designated drop area outlined by simple floor markings and offers control of multiple doors within a lobby or corridor. Allowing building managers complete control over personnel access rights.

Wheelchair access is fully supported and optional full voice guidance helps assist users through the system.



# SMACS Entry

This solution allows the supervision of access through a single door. SMACS Entry can be one directional (entry or exit only) or bi-directional (entry and exit).

## How it works

**Single Entry:** The door will be opened only if the person in the scanning zone is alone and has correct access rights. As soon as the door is opened and an unauthorised person tries to follow the authorised user, the event will be recorded and an alarm will be raised to the security officer. There is no need to change your current infrastructure SMACS Entry can be installed as retrofit.

**Multiple Entry Transits:** Where the transit of multiple authorised personnel is needed, SMACS entry will allow access to all users who present their relevant ID to the access control device. Should a user fail to present an authorised ID, SMACS Entry will trigger an alarm signal and the event will be reported to a security officer. An alternative scenario is that the door remains open and that a "virtual airlock" is created with SMACS Entry. Should an unauthorised entry attempt



occur an alarm will be generated which can be reported to the security officer for further action.

## Product reference:

ASB\_SMACS\_ENTRY\_1 (one directional)  
ASB\_SMACS\_ENTRY\_2 (bi directional)

## Options

- Event log viewer (IP dome camera included)
- Visual guidance
- Voice guidance

# SMACS Flex

This solution transforms a large room into an airlock with two, three or four doors.

This solution is suitable for the supervision of any multi-door application (e.g. vaults, server rooms, data centres). User analysis is performed within the scanning zone to allow either one directional or bi-directional entrance / exit. Additional entrance zones and cameras may be necessary depending upon the situation.

## How it works

The entry door is opened using a badge reader or simple pushbutton. Once inside the airlock, the user identifies themselves using a badge or biometric reader. If the user is alone and has correct access rights, they may then proceed to the desired exit door. If two or more users are detected inside the airlock, the 2nd door remains closed and the 1st is reopened to allow their exit.



## Product reference:

ASB\_SMACS\_FLEX\_1/4 (for 1 to 4 control zones)

## Options

- Event log viewer (IP dome camera included)
- Luggage Zone (incl. SmartSight)
- Voice guidance and/or visual guidance

# SMACS Material

This solution transforms any large 2-door room into a material only airlock.

SMACS Material is suitable for the supervision of any material-only application (e.g. vaults, server rooms, data centres).

## How it works

The entry door is opened using a badge reader or simple pushbutton. The user deposits the material inside the airlock and leaves by the entry door. The analysis may be automatic or initiated through use of a badge or biometric reader. After a short analysis period the material may be recovered at the second door if no human presence was detected inside the airlock. If somebody is detected inside the airlock, the second door remains closed and the first is reopened to allow their exit.



## Product reference:

ASB\_SMACS\_MAT

## Options

- Event log viewer
- Thermal Sensor
- Voice guidance and/or visual guidance

# SMACS Flex + Material

This configuration transforms any large 2 to 4 door room into an airlock with material transport capability.

This solution is suitable for the supervision of any application that requires the occasional accompanied transport of material (e.g. vaults, server rooms, data centres). If large material may require the presence of 2 persons, it is possible to add a second scanning zone.

## How it works

The entry door is opened using a badge reader or simple pushbutton. The authorised user deposits the material inside the airlock and then identifies themselves in the scanning zone. If the user is alone and have the correct access rights, they may then proceed to the desired exit. If other human presence is detected inside the airlock the exit doors remain closed and the entry door is reopened to allow their exit.



## Product reference:

ASB\_SMACS\_FLEXMAT\_1 (for 1 person zone)  
ASB\_SMACS\_FLEXMAT\_2 (for 2 person zones)

## Options

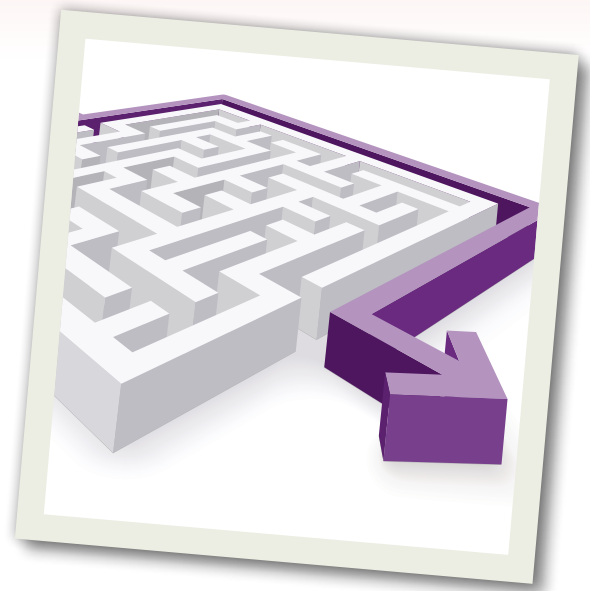
- Event log viewer
- Thermal Sensor
- Voice guidance and/or visual guidance

# SMACS Custom

If SMACS Entry, SMACS Flex and SMACS Material solutions do not meet your specific needs; do not hesitate to contact Meesons. Together with your architect or consultant we can tailor a custom solution for your specific situation.

## Such custom applications include:

- Airlocks with up to 8 doors
- Use of multi-person analysis (up to 4 persons simultaneously) with optional luggage zone
- Entrance zone in elevators
- Turnkey solutions including other products in the Meesons range such as automatic folding doors



[www.meesons.com](http://www.meesons.com)

For further details  
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**0870 787 7846**  
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Meesons product range includes:

Anti-Tailgating  
Counters & Screens  
Automatic Doors  
Access Control

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