

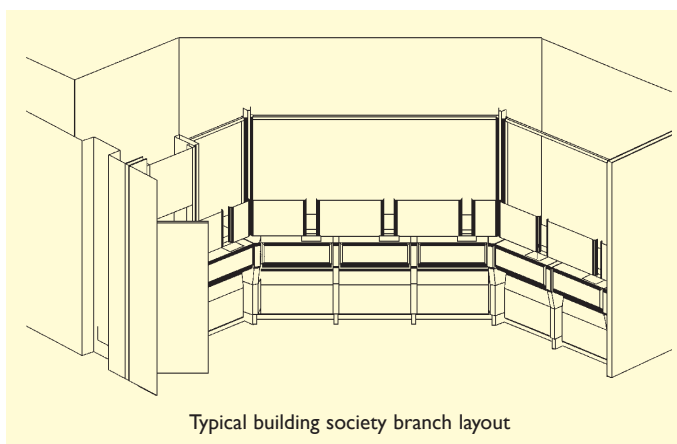
Colours and Materials

FINISHES Decorative mullion and screen cover plate finishes are available in any powder coat colour, matt, satin or gloss finish. The cover plate can also be laminated to match surrounding counterwork.



Counterwork, walls and doors are finished in veneer, or in ranges of coloured UPVC, glass fibre or stainless steel, according to customer requirement.

Standard finishes for the hidden bullet resistant screens and body are grey and blue hammered finish.



Typical building society branch layout

Technical Services

Safetell staff can design layout and counter proposals for evaluation. Site visits, advice on security implications, outline and detailed AutoCAD® drawings are also provided, on paper or electronically. Full branch configurations are designed in-house and screens are manufactured in the UK.

Operation

Controlled, vibration free acceleration is achieved by means of Safetell's patented pneumatic ram arrangement. A braking system, also patented, slows the screen at the top of its reach.

Safety

When used in conjunction with careful security design and procedures, Eclipse provides full protection for staff against violence including the use of firearms. It also provides a visual barrier to threats of aggression, reducing stress and consequent trauma to staff. Eclipse can form an integral part of the requirements of the Management of Health and Safety at Work Regulations 1992.

Installation

Site surveys are conducted to ensure that requirements are fully understood. Installations are normally carried out after close of business and achieved in one or two days depending on the complexity of the design.

Training

On installation, staff are fully trained in the operation of Eclipse. The location and use of activation devices is reinforced in a twice-daily test routine, prompted by the SureFire control panel.

Servicing / Maintenance

Full maintenance is offered at six monthly intervals. A national service network also offers a 4 hour call-out response.

Availability

Normal lead time is 6 weeks, depending on the design of the screens and associated counterwork. Please check with Safetell to confirm.

Other Products

Safetell manufactures and installs other forms of fixed and moving bullet resistant or anti physical attack security screens, and a range of cash handling equipment.

SAFETELL

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SAFETELL

Eclipse bullet resistant

- Provides ● an open counter
● physical protection
● removal of the threat



Introduction

The Eclipse fast rising security screen allows easy communication between staff and customers across an open counter. It also provides, on demand, the highest level of physical protection against robbery or violence. Eclipse is normally hidden from view and, when activated, instantly presents an opaque, bullet resistant barrier to violence.



Design

CONCEPT/APPLICATIONS Eclipse is designed to provide protection against armed raids and to minimise the trauma that can result from the threat of violence. The screen provides bullet resistant protection within half a second of activation and presents physical, visual and acoustic barriers to the aggressor. A wide range of activation devices is accessible yet inconspicuous and full training in their use is prompted each day by the 'SureFire' control system.

Transaction counters in retail financial service outlets, local government offices, post offices, petrol stations and foreign exchange centres all benefit from the use of Eclipse.

Description

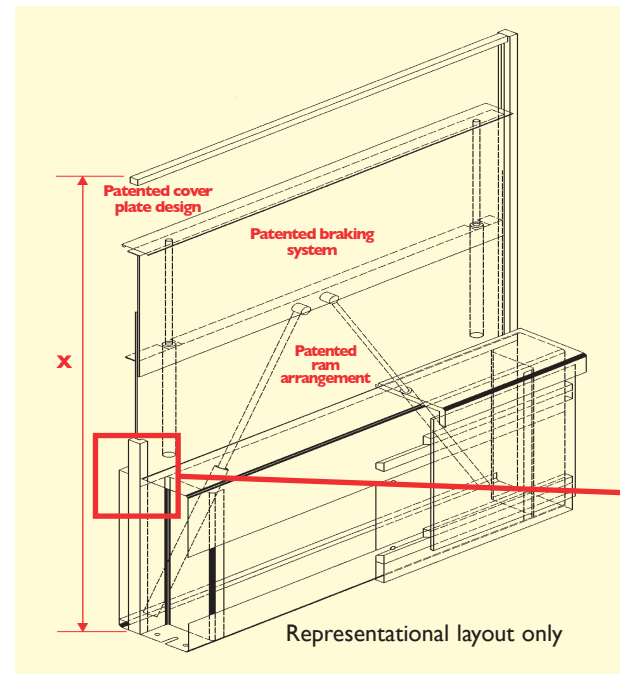
SCREENS Eclipse is composed of bullet resistant steel panels, raised by compressed air. These are housed in a bullet resistant steel case which provides full protection beneath counter level. All vertical mullions, angled joints, walls and doors offer the same level of protection and are finished with 'clip-on' aluminium architraves for an integrated appearance. A flush-fitting cover plate allows documents, banknotes and coins to be slid easily across the counter.

Several types of screen are supplied allowing a full range of counterwork designs to be fitted. Screens types are: Box, Slim Box, Dais, Low Dais, Partition and Enquiry; these are illustrated in detail below.

SIZES Screens are manufactured to suit site dimensions. Widths and heights are manufactured to a tolerance of 1mm.

COUNTERWORK Counterwork is supplied to suit any interior design. Counter and workstation configurations can be adapted from existing corporate styles or new designs can be created by Safetell to suit specific computer hardware, operational needs and ergonomics. Prototypes are often built to prove designs prior to manufacture.

MAINTENANCE ACCESS Counterwork should allow for maintenance access from the front, rear or from raised floor level, depending on the type of screen.



TRANSACTION COUNTER

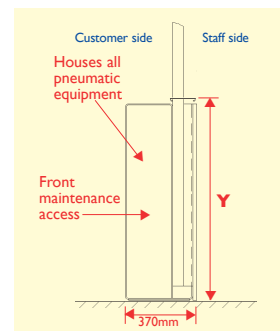
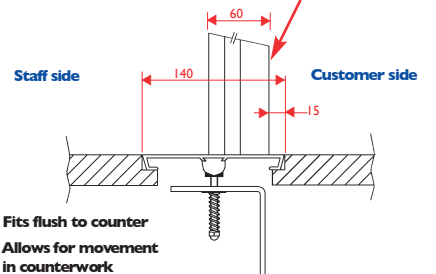
A range of screen types is available for the transaction counter. The main features are illustrated.

Overall Screen Height (standard)		Height to Counter Top Nom. (mm) see details	
X (MAX mm)	2736	Y (MAX mm)	1000
	3020		1100
	3255		1200

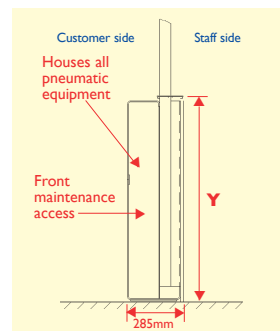
Other sizes available on request

TILTING COVERPLATE DESIGN

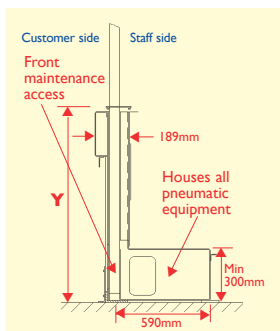
Safetell mullion section Datum front face of mullion



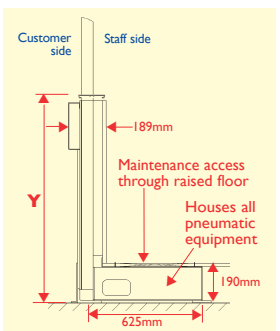
BOX SCREEN has a rectangular profile case, which allows front maintenance access to avoid rear counter disturbance. Customer and staff side floor levels can be equal and all pneumatic equipment is housed within the casing.



SLIM BOX SCREEN provides all the advantages of a box screen with additional room for counterwork on the customer side.



DAIS SCREEN has an ultra-slim counter profile, allowing extra room for counterwork on the customer side. All pneumatic equipment is housed within a 300mm high 'dais' which normally abuts a raised floor on the staff side. Front maintenance is possible avoiding disturbance to counterwork or the raised floor.



LOW DAIS SCREEN is similar to the dais screen. This screen accommodates a 190mm high dais by providing maintenance access at raised floor level, instead of at the front of the screen.

Performance

ACTIVATION AND CONTROLS On activation, the Eclipse screen provides bullet resistant protection within 0.5 seconds. A selection of discrete activation methods is available for staff - hardwired activation units for fixed positions and radio frequency devices for remote positions and for mobile staff.

CONTROL SYSTEM - TESTING AND TRAINING

The 'SureFire' control system panel is security coded and programmed to take the user through a series of instructions each day to test Eclipse and the activation devices. By using SureFire, staff are kept aware of the location and function of each activator to ensure that security training is maintained.



The control system also detects and reports (both audibly and visually) electrical or pneumatic equipment faults.

Additional output signals are provided to activate cameras, alarms, door locks, or warning lights. Staff inputs to SureFire are recorded and Safetell engineers can review the records during maintenance visits.

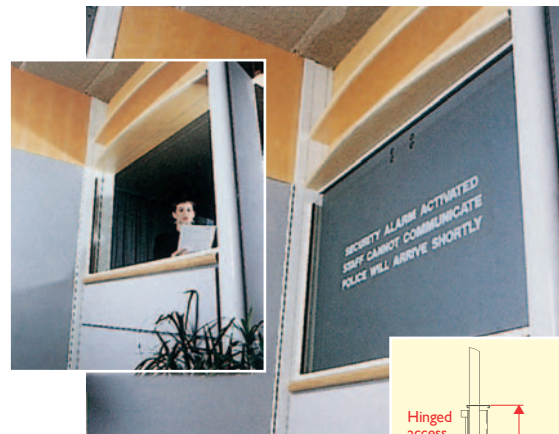
POWER SUPPLY One 13A, 240V AC power supply is required per installation.

BULLET RESISTANCE The fixed case and lower panel: Steel, with GRP anti-ricochet facing as required, provides bullet resistance to the following standard: BS EN 1063 - Classes BR4NS and SG2NS

The upper panel: Steel provides resistance to physical attack and, optionally, increasing levels of bullet resistance.

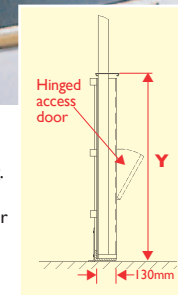
RELIABILITY To ensure maximum reliability the following design features have been incorporated:

- an integral oil-free compressor with thermal overload protection
- air receivers that conform to EN286 Class 2 and that are individually plated
- a Safetell patented pneumatic control system and ram assembly configured to give a smooth screen movement with minimum vibration
- pneumatics protected behind the bullet resistant line.



PARTITION SCREEN

A slim profile is provided by this screen, with pneumatic equipment housed outside the casing. The screen is suitable for all applications where counterwork dictates such a configuration, either in partition walls, or in the transaction counter itself. Secondary glazing, acrylic or glass sections are often installed with the partition screen.



ENQUIRY COUNTER SCREEN

For the seated interview position, this screen creates a separate and more informal environment, while maintaining the secure line of protection between staff and public areas. It is also helpful for disabled customers. Full height glass sections or secondary glazing are often installed with this type of screen.

