



Transaction Windows and Security Entrances





Guard room in the entrance hall of a courthouse. Equipped with transaction window incl. exchange drawer, intercom, door control system, video surveillance.

Entrance area of a German embassy, transaction window with flush-mounted exchange drawer, glazed security door.

Tailored security products

SÄLZER offers customized solutions designed for the entrance areas. Depending on the requirements there are two systems to choice:

- transaction window
- individual designed security entrance (with various products)

SÄLZER products protect against:

- forced entry
- bullets
- explosion
- fire and smoke
- also combined protection:
forced entry & bullets & explosion & fire | smoke

Besides the high protection against threats, SÄLZER transaction windows and security entrances fulfill all demanded building physical characteristics, such as **thermal insulation, water tightness, air permeability, impact resistance and sound insulation (CE marking)**.



Security entrance to a data center.

Application

SÄLZER transaction windows and security entrances offer optimal solutions for different applications. They are used wherever people have to be protected against various threats, while a smooth communication, a simple exchange of data between staff and visitors as well as an easy and controlled access to the property must be provided, such as in:

- embassies
- prisons
- police stations
- military areas
- buildings for various governmental authorities and ministries
- industries
- banks
- data centres
- alarm receiving centre
- airports
- ... And in many other areas



Individual designed security entrance of a military property.



Security entrance of a detention facility.



German embassy, elegant transaction window integrated into a stone facade, exchange drawer is build into a wooden counter.

Transaction window

Overview

Design and security

- the complete transaction window is ready for installation: fixed window, cladding, moveable transaction drawer
- suitable for indoor or outdoor use
- customized design: size, color, cladding
- material of the window: aluminum or steel
- installation in masonry, concrete, curtain wall or partition wall
- use of different transaction drawers (see below)
- intercom system: different microphones, loud speakers etc. are available (see page 5)
- the complete transaction window is **bullet resistant up to FB7-NS**
- **fire protection** optional up to level **EI 45** (see page 7)
- **forced entry resistance** up to level **RC5** (see page 7)



Size, material, color and cladding of the window are customized. The installation depth differs depending on the selected profile system. The left transaction window is equipped with a flush mounted transaction drawer which moves in one direction. In the right window a transaction drawer is installed in a counter, the tray moves in opposite directions.



Multiple window elements.

Exchange drawer

Optional 2 variations are available:

- exchange drawer, which is in closed position flush with the outer wall, facade or partition wall. Excellent for use outdoors.
- exchange drawer with movable tray which moves in opposite directions. For installation in a counter or desk, for use indoors.

Both versions are available in different security levels, sizes and surface finishes.

Sizes depending on the selected drawer type:

- length: 340 - 370 mm
- width: 320 - 380 mm
- height: 95 - 120 mm

Documents, folder or small packages can be easily and conveniently interchanged.

For outdoor use, the drawers are protected against bad weather conditions.

Security levels

Bullet resistance up to FB7-NS. Fire protection on request. Individual colour design or cladding.



Exchange drawer for flush mounting into the wall. For indoor and outdoor use.

Exchange drawer with movable drawer for installation in a counter. Use: indoor use.

Transaction window

Communication

Intercommunication system

Despite separating glass a natural and secure dialogue should be possible between staff and visitors. Therefore SÄLZER prefers intercoms that allow an open duplex dialog, talking and listening simultaneously.

Components for the operator side:

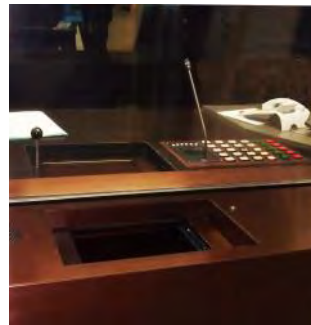
- central processing unit (CPU)
- gooseneck microphone for installation in the desk or as stand-alone version
- Microphones combined with loud speakers or speakers separately, optional with headset. The volume can be controlled individually.

Components for the audience side:

- various speakers and microphones, e.g. for installation in the frame, in the ceiling, in the wall, protected against vandalism
- the external microphone is automatically switched off if nobody speaks

Other accessories

- lighting
- window blind
- mirror glass
- sun protection
- alarm system (integrated in the glazing)
- counter, material e.g. wood, stone or stainless steel
- if bigger packages have to be interchanged an additional transaction area can be built in under the transaction window



Intercom and door control unit installed into the counter.



Guard room integrated into an interlocking door system.



Example: gooseneck microphone as a table-top version.



External speaker integrated in the ceiling and microphone integrated in the frame, aluminum cover is sandblasted.



The transaction window is built into a partition planked with stainless steel, exchange drawer was integrated into the stainless steel counter. Application: bank.



Entrance to a secure zone at the airport: guard room with several transaction windows, partitions and doors. 2 separate entrance doors each designed as an interlocking door system for identity check.

Customized security entrances

Transaction windows, doors, gates up to partition walls

Requirements concerning security and design of entrances differ considerably. SÄLZER designs, manufactures and installs individual security concepts according to customer request that have no security vulnerabilities and reduces coordination problems significantly.

Modular construction system: each security entrance is planned individually

- products: doors, gates, door control systems, windows, transaction windows, partition walls, intercom systems, video surveillance, x-ray units, interior fittings e.g. desks etc.
- materials: aluminium, steel, glazing
- different security levels
- various design variations
- surfaces diversity

The same protection level

All products can be manufactured in the same protection level against forced entry, ballistic and blast attacks



Security entrance to a prison. Guard room and 2 separate entrance doors for visitors and staff as well as a gate.



Interior of a guard room of a data center.

Transaction window - security levels

Protection level / test standards		Aluminium - test results		Steel - test results			
		Series S2	Series S6es	SECUFIRE® 82	SECUFIRE® 74	SECUFIRE® 69	SECUFIRE® 64
Forced entry resistance*	according to DIN EN 1627-1630	up to RC5	up to RC4	up to RC4	up to RC4	up to RC4	up to RC4
Bullet resistance*	according to DIN EN 1522-1523	up to FB7-NS	up to FB4-NS	up to FB4-NS	up to FB4-NS	-	up to FB4-NS
Explosion resistance*	<ol style="list-style-type: none"> according to DIN EN 13123 (open range test) according to DIN EN 13123-1 (shock tube) customer-specific tests: <ol style="list-style-type: none"> high pressure long pressure duration 	<ol style="list-style-type: none"> up to class EXR3-S up to 2.0 bar peak pressure <ol style="list-style-type: none"> up to 8.8 bar reflected pressure positive pressure phase > 1s with a reflected pressure of 0.5 bar 	up to 2,7 bar reflected pressure	up to 2,7 bar reflected pressure	up to 2,7 bar reflected pressure	up to 2,7 bar reflected pressure	
Fire resistance**	classified according to DIN EN 13501-2	-	-	EI30, EW60, E60	-	-	-
Smoke resistance	classified according to DIN EN 13501-2	-	-	C5S ₂₀₀ , C5S _a	-	-	-
Outdoor use		Yes	yes	-	yes	-	-

* higher or other requirements on request
 ** based on the positive test report approval in individual cases



Entrance of a court: interlocking sliding door system, separate entrance / exit doors and escape route door.



Guardhouse for the access control to a consulate of a foreign nation in Germany.

Additional products

You will find the information about security levels, test results and design variations of **steel doors, gates, aluminium doors and partition walls** in separate brochures.



Transaction window and exchange drawer, combined protection against bullets and fire (special construction).

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For more than 40 years SÄLZER has led the industry in the development and technology of forced entry, bullet, fire and blast resistant building components.

Each of our products is subject to a strict internal and external quality management. Research and development are the driving force behind SÄLZER.

Please ask for additional brochures about our further products:

- windows and facades
- doors and gates
- guard houses
- partition walls and access control
- barriers and bollards
- accessory components etc.

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