



Security Tech Germany



FACECESS®

A SMILE OPENS DOORS

The video door station with facial recognition

MAKING LIFE MORE SECURE

Emma and August Bremicker

◀ SECURITY SINCE 1924

For almost 100 years, we have been passionate about making life a little safer. What began in 1924 with a padlock in the cellar forge in Volmarstein has steadily evolved every day. Today, ABUS is a global company that looks to the future.

The front door grants access to the private worlds of your customers. They feel comfortable and safe there, and everything is furnished just the way they want.

And we make this access even smarter and more convenient with FaceXess. The terminal recognises the residents directly at the front door, the home opens automatically - with no key - simply with a smile.

And it takes a certain amount of courage and imagination to introduce a product that does not need a key at all. And this from a company that grew up with keys.



FACEXESS LOOKS GOOD ON YOUR CUSTOMERS

Open the door with facial recognition: This can be done securely and conveniently with FaceXess, the innovative door station from ABUS.

A NEW LEVEL OF DOOR INTERACTION

The door station uses two integrated cameras to quickly detect whether the person in front of the door is authorised to enter. The door opens without a key. Hands remain free for shopping bags, smartphones – or simply for the pleasure of entering the home in this way. Even children and people wearing hats or sunglasses are recognised - and FaceXess works reliably even in the dark.

THE COMBINATION OF DIFFERENT TECHNOLOGIES

For better security: Facial recognition, PIN code, access card. Bell and video door intercom functions are also included, as is operation via the ABUS Link Station app. Individual access authorisations can be easily managed from the app. It takes only seconds to teach new users to the unit. Many advantages that will put a smile on your customers' faces.

AN ALMOST COMPLETELY NORMAL BELL

ABUS FaceXess is just as easy and understandable for guests or post carriers as a normal front door bell. Through the interior monitor, you can see who is standing in front of the door - you can also use it as an intercom. And an app can also be used to speak to the person in front of the door while out of the house and to open the door if necessary.

But FaceXess is only almost a normal bell. The display can be customised with a house number, street name or even custom photos and designs. Choose from three different backgrounds or set the personal design of your customer's choice so that they can greet their guests with their own words or ideas.

See who is at the door

With the integrated camera in the FaceXess terminal, your customer can always see who is standing in front of the door.

Intercom

Your customer can speak directly with visitors via indoor monitor or app.

Open the door from elsewhere

Your customer is not at home at the moment, but wants to open the door for a guest? With the Link Station app, this can be done effortlessly while out and about.

INDOOR MONITOR

Place up to 6 indoor monitors with touch screen per bell unit in the house. A total of up to 3 units are possible. The monitors show what is currently happening in the entrance area and are used as intercoms and to open the door. Multiple monitors in one system are the optimal equipment for different floors, for example. The connection between the monitors can also be used for in-house communication. Every resident will find their favourite in the wide selection of ringtones.



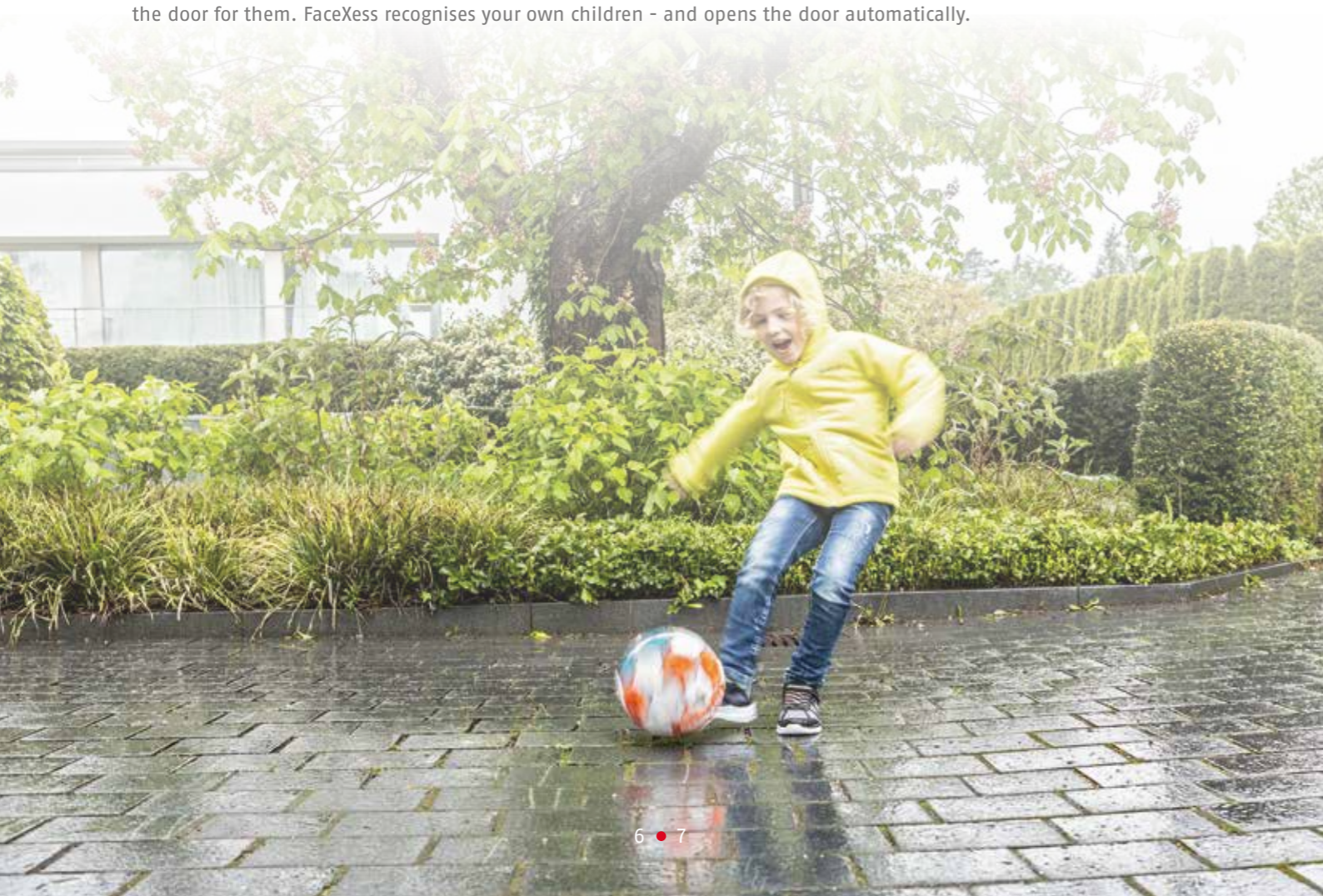
LIFE WITHOUT KEYS FOR YOUNG & OLD

Going for a jog, taking out the rubbish, mowing the lawn or just fetching something from the garage: how easy it is to forget your front door key - and the door slams shut behind you. It is also just very convenient not to have to take a key with you any more. Your customer comes into the house with what they always has with them: their own face!

Outline the above scenarios and others to your customers to show them the advantages of the FaceXess door station:

CHILDREN PLAY OUTSIDE AND WANT TO GO BACK INSIDE.

When playing, small children like to run in and out of the house over and over again - for example, they'll be in the garden and suddenly think of a toy that they just have to get. Every time the doorbell rings, you have to keep opening the door for them. FaceXess recognises your own children - and opens the door automatically.



COMING HOME FROM SHOPPING WITH FULL BAGS IN YOUR ARMS.

With FaceXess, you don't have to put anything down and look for the key: the ABUS door station detects authorised persons from a distance of up to 3 metres and opens the door.

LETTING EVERYDAY HELPERS HAVE THE KEY?

The cleaning help on Wednesday mornings, the neighbours who water the flowers while on holiday: such nice everyday helpers no longer need their own front door key with FaceXess. It's quick and easy to set them up as temporary users - and give them a PIN code. Because the ABUS door station not only works with facial recognition, but also with a code or an access card.



ONCE FACEXESS – ALWAYS SAFE AT THE DOOR

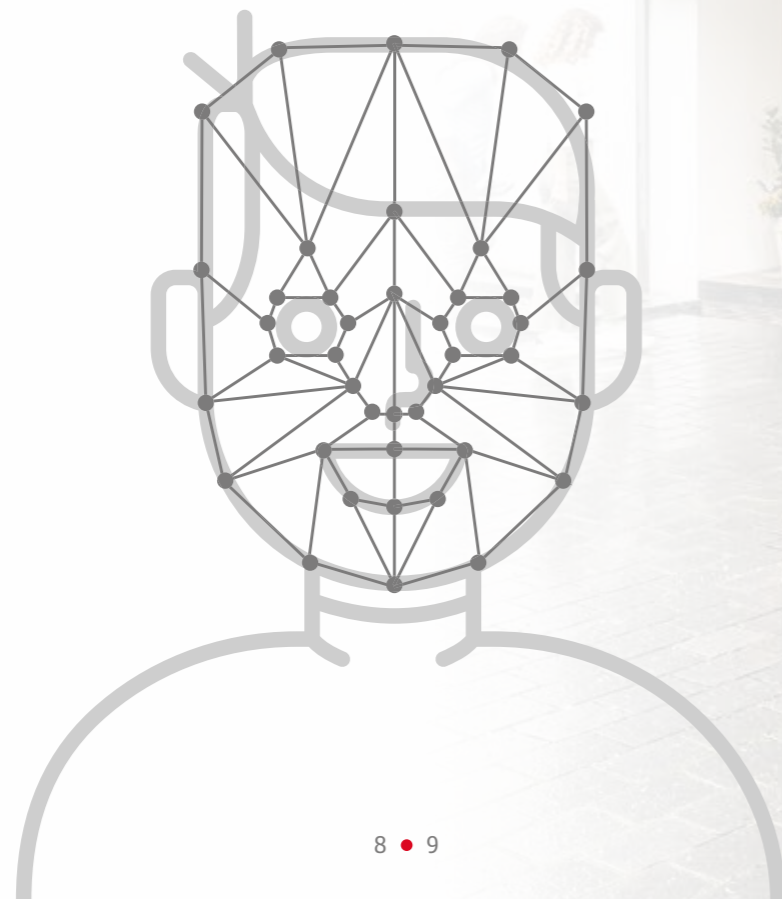
Is it possible to trick facial recognition with a photo or video of a person authorised to enter? No: with FaceXess, the camera uses precise anti-spoofing technology and reliably detects whether it is the real person or not. The technology is tried and tested and has long been used in smartphones.

Texture analysis: This algorithm examines the subtleties and patterns in the skin texture to verify whether it is the skin of a real person or if the face is from a photo or video.

Reflection analysis: This analyses how light is reflected from the surface of the skin. This determines whether it is a real face or a representation in a photo.

Movement analysis: This technology evaluates whether it is a real face or whether it comes from a photo or video based on the movement.

Depth plane analysis: This technology verifies whether it is a real face or a representation taken from a photo or video.



DATA PROTECTION

Due to the camera's narrow angle of view, you only have the entrance area in view. All user data is encrypted to ensure effective data protection as a matter of principle.

TECHNOLOGIES & ADVANTAGES ON 11 × 22 CM

Dual 2-megapixel camera for user identification

Weatherproof outdoors (protection class: IP65)

Optional multi-factor authentication with PIN code or access card

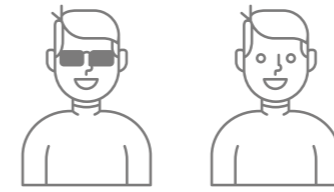
Product dimensions: 21 x 11 cm



7-inch touch screen

Doorbell
Can be expanded to up to 3 units

Door intercom function suppresses noise and prevents echoes



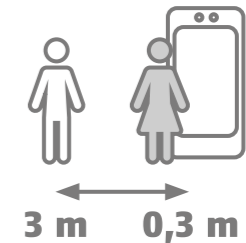
Recognises faces in all circumstances

Whether backlit or in the dark, whether people with caps and sunglasses or children from 130 cm tall, the two FaceXess cameras recognise in any situation and in any light whether the person in front of the door is allowed to enter the house or not.



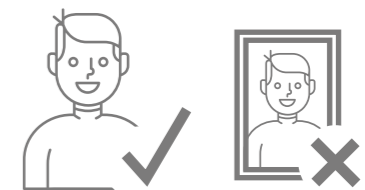
Lightning-fast user recognition

Facial recognition only reacts to authorised persons and recognises them in less than a second. Cumbersome door opening processes are now a thing of the past.



Individually adjustable detection distance

Not all entrance areas are the same. FaceXess allows you to customise the detection range with your customer. This allows the customer to choose whether they want to stand directly in front of the unit or whether they want to be recognised as they walk towards it.



Facial Image Anti-Spoofing

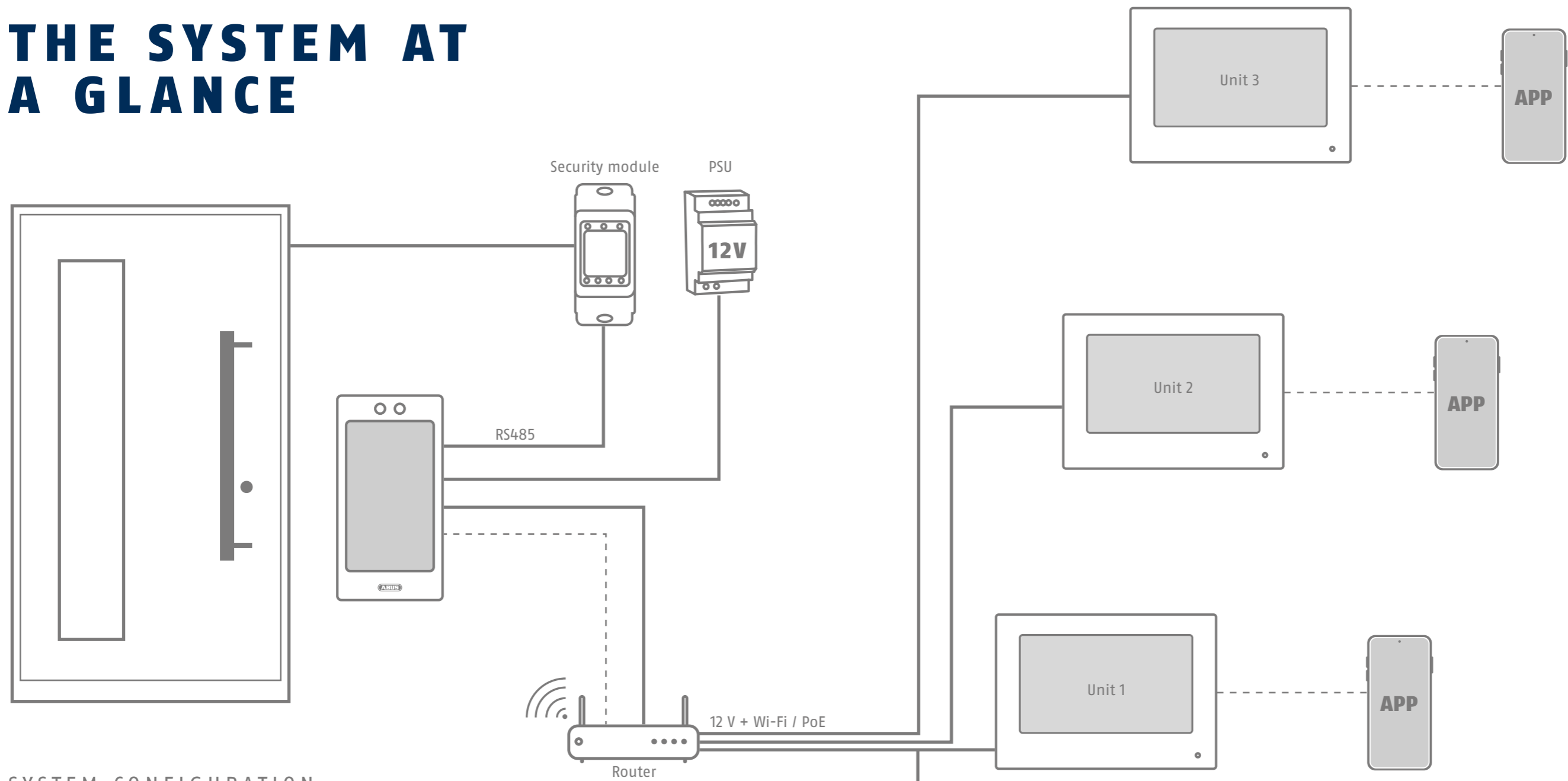
Anti-spoofing technology uses various features to decide whether the face in front of the camera is real or faked with a photo or video. The door will then only open for authorised persons who are recognised as real.



EXPANDABLE WITH SURVEILLANCE CAMERAS

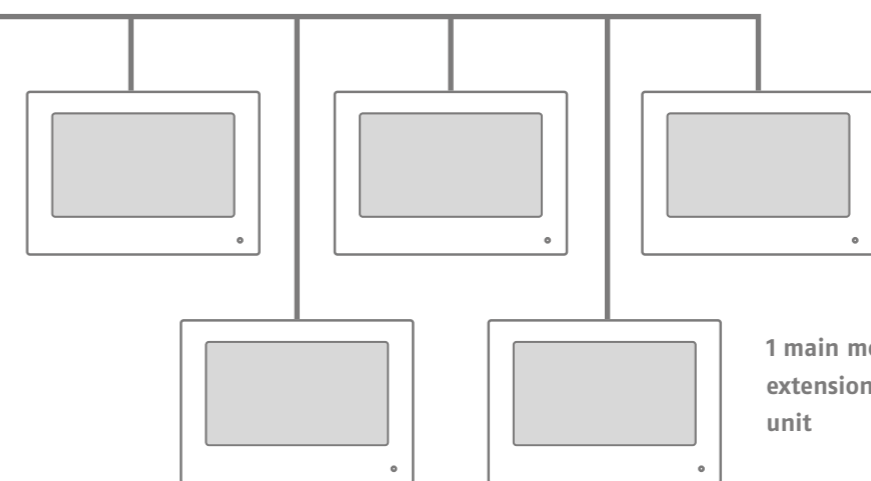
Up to 16 IP surveillance cameras can be integrated into the ABUS FaceXess system. This functionality makes the system future-proof. The IP cameras can be used to monitor selected areas and record uninvited guests. Depending on the building, video surveillance can also be linked to other building technologies such as access control systems and intruder detection systems.

THE SYSTEM AT A GLANCE



SYSTEM CONFIGURATION

- High-security outdoor detection unit with dual 2 MPx camera
- Control of a door opener (e.g. motorised lock) via the relay output on the unit or via RS485 connected security module
- Ring and intercom function for multiple monitors
- Door opening via monitor or ABUS Link Station app
- Connection of 3rd party readers via Wiegand interface
- Can also be used on its own (offline) as a pure door opening device
- User management on the device itself or via the ABUS CMS software on the PC
- Optimal installation: FaceXess terminal in new buildings with 12 V power supply and network cable; in existing buildings with 12 V power supply and Wi-Fi
- Monitor in new buildings with network cable and PoE; in existing buildings with 12 V power supply and Wi-Fi

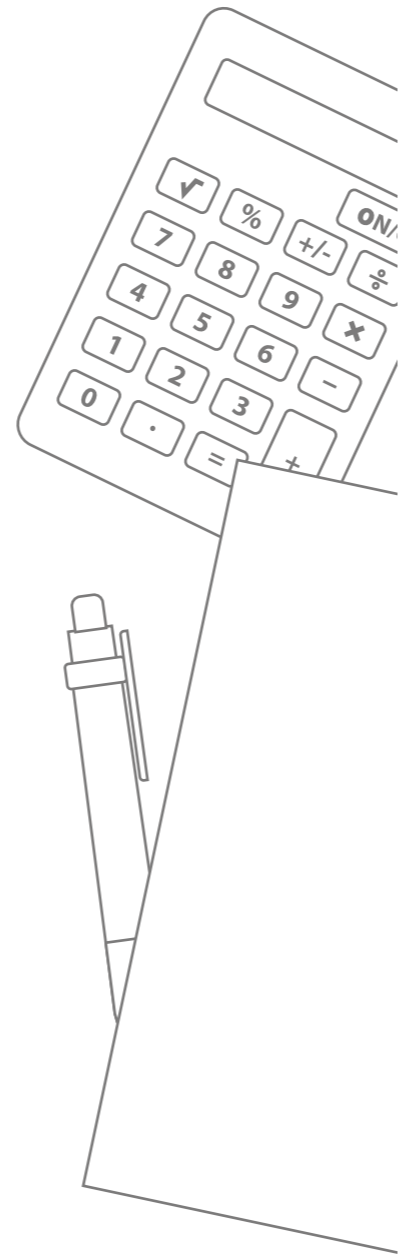


1 main monitor and up to 5 extensions can be used per unit

WORTH THE COST

A LOT OF CONVENIENCE FOR LITTLE EFFORT

Product	Number	MRSP
FACEXESS INTERCOM		
TVHS30000 - FaceXess Terminal	1	EUR 1599.00
TVHS20340 - Security module	1	EUR 114.00
VIDEO INTERCOM		
TVHS20220 - 10" PoE Touch Monitor white, LAN/Wi-Fi for door intercom system	1	EUR 573.00
TVHS20200 - 7" PoE Touch Monitor white, LAN/Wi-Fi for door intercom system	1	EUR 279.00
ACCESSORIES		
TVHS30300 - Installation kit (12 V power supply unit, cable, small items)	1	EUR 99.00
ITAC10100 - 4-Port PoE Gigabit Switch	1	EUR 88.00
optional retrofit door opener (e.g. motorised lock)	1	
		EUR 2,752.00 Net RSP



BENEFITS FOR BUSINESS & THE SELF-EMPLOYED

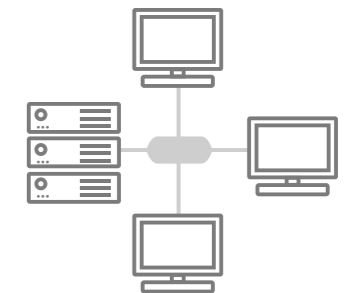
ABUS FaceXess is not only ideal for the high-end single-family home of your private customers: the innovative door station is also worthwhile for self-employed people with law firms or medical practices, as well as for small and medium-sized businesses or shops.



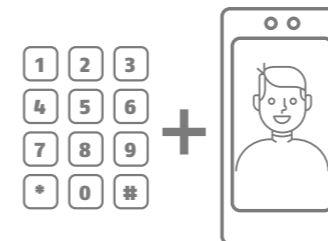
Access without employee badge
Forgetting your staff ID at home was yesterday's news. Access is guaranteed via facial recognition.



Number of users
More than 100 people can be stored in the FaceXess system.



Local network
FaceXess does not necessarily have to be connected to the internet. The system can also be used as a standalone.



Multi-factor authentication
Especially for highly sensitive areas, 2-factor authentication is often required. For example, set up facial recognition in combination with a code.



Display as advertising space
The FaceXess display can be freely designed. This way, your customer displays their individual advertising message or company logo on the terminal at the entrance.



Account management
Your client can easily add new people and delete former users.

NETWORKED SECURITY FROM A SINGLE SOURCE

ALL SYSTEMS FROM ONE SOURCE

ABUS offers the whole world of electronic security technology: Video surveillance, door intercom and intruder alarm systems as well as e-locking systems in a networked security solution. The systems can be easily integrated and operated, e.g. cameras for access verification or wireless cylinders for deactivating the IAS. Optional: Mechanical locking systems can be added at any time.

PLANNING AND PROJECT MANAGEMENT SUPPORT

Right from the planning phase, you can count on our consulting service with professional building planning tools. If you have any questions about products, technology or for on-site project planning support, your personal contact will be on hand to help you find the optimum solution for your project.

If you have any questions about products, project planning or individual requirements, we will be happy to advise you. For this, the ABUS team of service technicians is at your side with advice and support.

Talk to us:
+49 8207 959 90-400 or
planung@abus-sc.com



PROPERTY AND BUILDING SECURITY

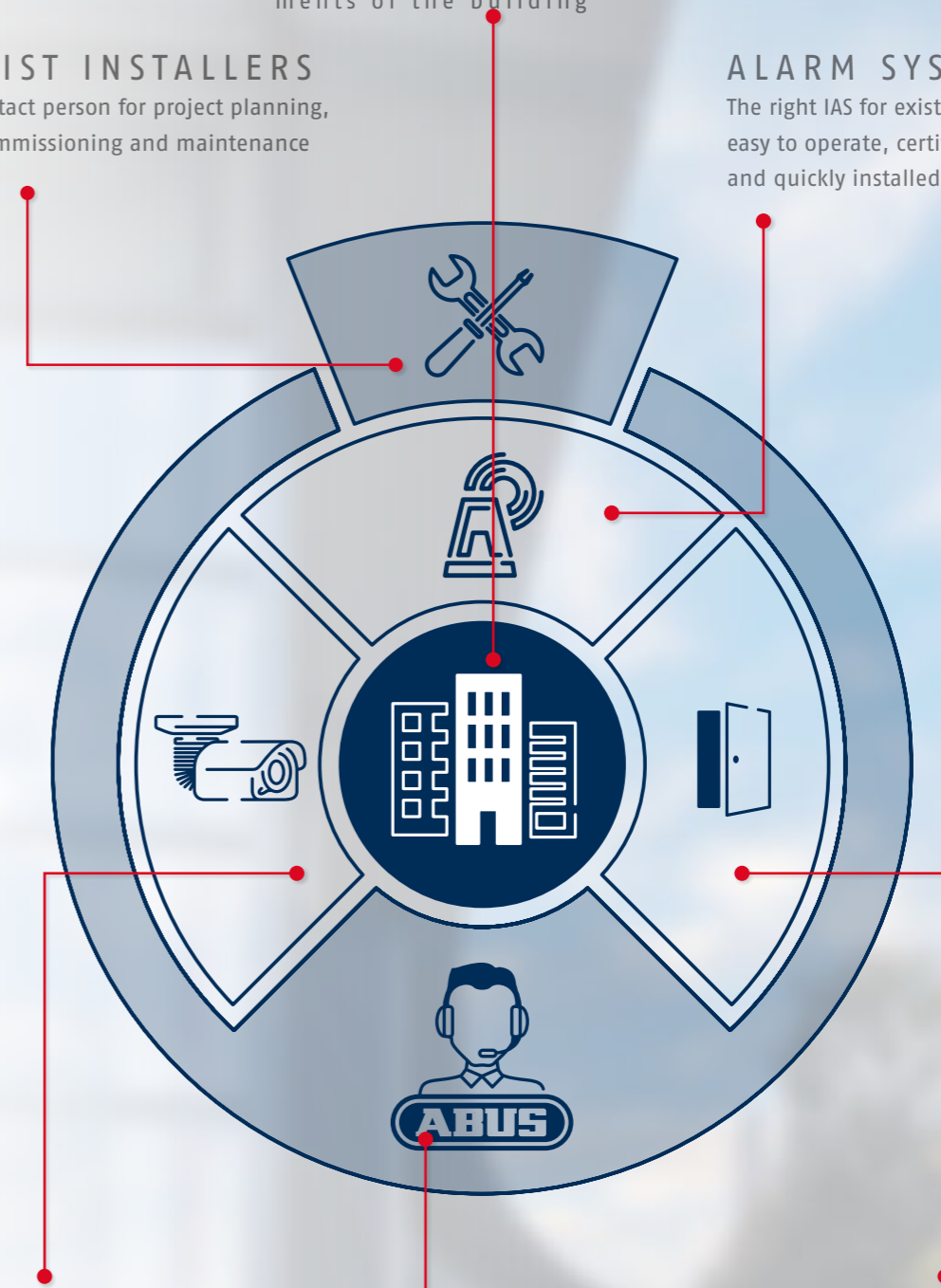
All-round protection across all trades according to the requirements of the building

SPECIALIST INSTALLERS

You are the contact person for project planning, installation, commissioning and maintenance

ALARM SYSTEMS

The right IAS for existing and new buildings: easy to operate, certified, false alarm-proof and quickly installed



VIDEO SURVEILLANCE

Can be flexibly expanded with the intelligent camera and recording systems from the ABUS range

ACCESS CONTROL

Electronic locking systems with digital rights management and top overview as well as integration of mechanical locking systems

PLANNING SERVICE

New construction or extension of a building? Our planning department is there for you



SERVICE & SUPPORT



DIRECT CONTACT TO TECHNICAL SUPPORT

Technical questions need a quick answer. To ensure that you are always ready to respond to your customers, ABUS expert partners have a direct line to our service department. This keeps waiting times short and your customers satisfied.



TECHNICAL SUPPORT WITH TEAMVIEWER

With the TeamViewer remote desktop tool we can check the configuration of the system or software directly on your computer. After the free download and programme start, we take a look at your screen together and help you directly with support questions.



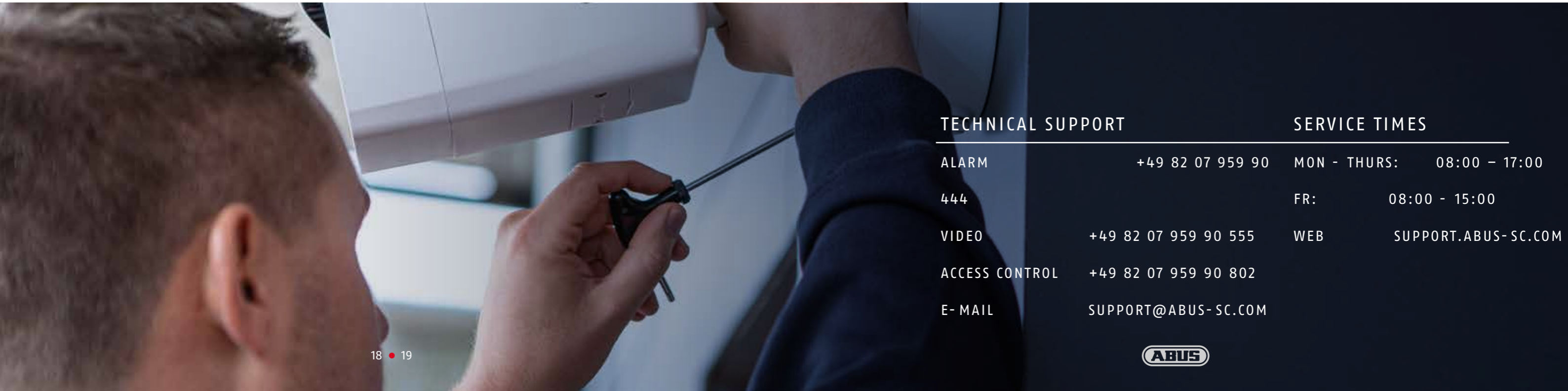
THERE FOR YOU 24/7: ONLINE SUPPORT PORTAL

We make your day-to-day work easier with valuable information in the new ASC Support Portal. At SUPPORT.ABUS-SC.COM you will find step-by-step instructions, configuration and operating aids as well as links to the current firmware and PDF manuals (e.g. for the NVRs).



IF REQUIRED ON SITE: TECHNICAL FIELD SUPPORT

For project planning, troubleshooting or for additional support during installation, upon request our ABUS experts will also come to your site directly and work with you at the customer's premises or the property.



TECHNICAL SUPPORT

ALARM	+49 82 07 959 90
444	
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ACCESS CONTROL	+49 82 07 959 90 802
E-MAIL	SUPPORT@ABUS-SC.COM

SERVICE TIMES

MON - THURS:	08:00 - 17:00
FR:	08:00 - 15:00
WEB	SUPPORT.ABUS-SC.COM

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