



Security Tech Germany

**SECURITY SOLUTIONS FOR
THE UTILITIES SECTOR**



CREATING SECURE ENVIRONMENTS ACROSS WATER, POWER & TELECOMMUNICATIONS

The Utilities Sector in the UK forms a key part of the critical national infrastructure of the country, with all major towns, cities and transport networks highly reliant on continuity of supply. This means that security systems are of the utmost importance to ensure a safe and secure service operates, uninterrupted, across the country 24 hours a day, 7 days a week.

The Utilities market is extremely diverse, with many large operational sites working across water, power and telecoms as well as other parts of the industry such as nuclear and renewable energy.

As well as large scale, centralised locations, the Utilities industry is hugely dependent on a vast number of very remote sites that can provide access to water services, gas pipelines, power cabling or telecommunication masts.

Main sites

Large centralised Facilities in the Utilities industry are highly secure sites that ensure the continuity of business and life in major UK Cities. Here there is a constant challenge to manage access for staff and visitors, whilst maintaining a high level of physical security throughout to prevent unauthorised access to critical areas such as water treatment, power supplies or IT data for example.

Remote sites

These remote sites make up a large part of the critical national infrastructure of the UK and can consist of water hatch covers to mains water supply or access areas to critical power pipelines and cabling for example. Engineers or Maintenance staff who visit those locations need to access those areas in a highly safe and secure way. Utilities businesses are also looking at convenient and flexible ways to allow access to authorised personnel whilst reducing the need to have to replace lost or damaged products such as keys.

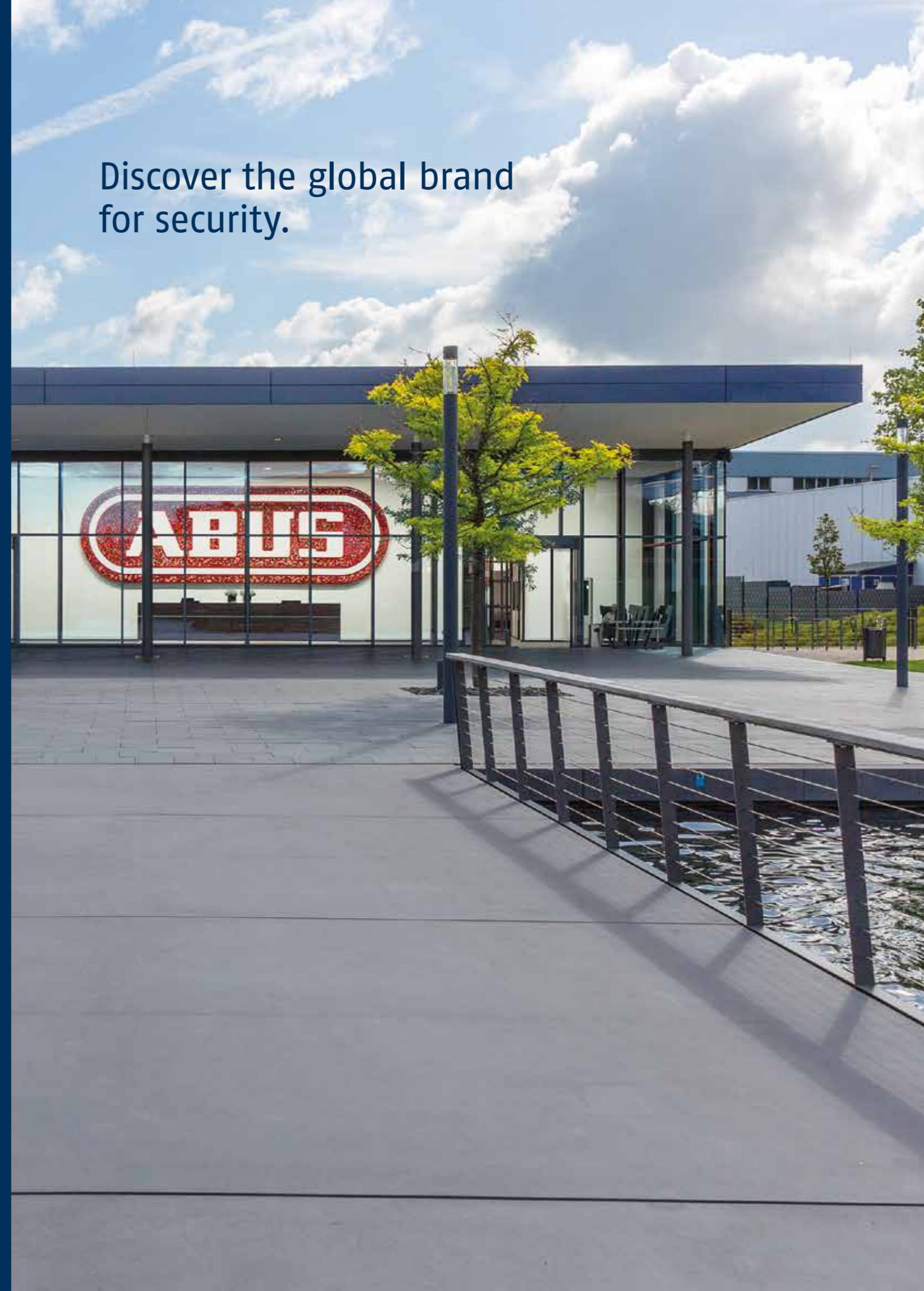
Discover the global brand
for security.

FOR THAT GOOD FEELING OF SECURITY

ABUS are a global manufacturer and supplier of innovative security solutions. We have developed high quality, German-manufactured products since 1924. For the Utilities Sector, we offer solutions comprising CCTV, Padlocks, Masterkey Systems and Access Control.

ABUS is a brand known globally for delivering quality. In the UK we are committed to delivering a personal service and working with our end-user customers and partners to develop a solution that fits your requirements.

Whether you operate in the Water, Power or Telecommunications markets, ABUS will be able to provide a flexible and secure solution.





CCTV is a vital component to integrate into your security system.

KEEP AN EYE ON YOUR PERIMETER SECURITY, PARKING AREAS, STAFF OR CONTRACTOR ACCESS

Video surveillance from ABUS enables fast identification of threats with the aim of protecting people and property. A broad range of CCTV cameras, components and accessories provides an optimal video solution for the requirements and budget of any location or site.

CCTV can provide varying functionality for the Utilities sector, whether surveillance is required in a large centralised facility, with perimeter fencing, staff and contractor access points or whether you require video surveillance for a remote location that still provides you quick and easy access to video footage.

CCTV is a vital component to integrate into your security system in any industry where there is a threat of terrorism or malicious intent.

Loss prevention is also a key driver to develop your surveillance capabilities, with theft and vandalism increasing in many UK Cities as well as the need to monitor and record staff movement and visitor access points.

HOW WILL WE SELECT THE BEST SURVEILLANCE SOLUTION FOR YOUR BUSINESS NEEDS?

Effective video surveillance has to be based on the quality of the image data. Depending on the area of application, location and individual security needs, the range of required camera functions varies.

ABUS has developed solutions using a range of camera technologies in order to be able to match the solution to the problem:

An Analogue HD solution provides a more simplistic installation where cameras are connected to a recording device using coaxial cables. This solution is perfect for a site that might be upgrading an existing system and the high definition ensures a great picture quality.

IP video surveillance enables the cameras to compress video signal and transmit it via the network (LAN or WLAN). The compression means that large amounts of video image data can be transmitted in high resolution which guarantees optimum picture sharpness. IP systems can also be connected in a network via Wi-Fi. Another benefit of IP video surveillance is the option of accessing from any location. Authorised persons such as a Security Manager can access stored image data remotely at any time.





PHYSICAL PROTECTION FOR YOUR SITE, PROPERTY AND ASSETS

ABUS are a global innovator when it comes to padlocks, offering a wide range of padlock products suiting varying applications. This product range offers a variety of capabilities and the type of scenario, site, location and security requirement will determine the size, shape, finish and robustness of the product.

Padlock solutions are highly versatile and as such should be selected carefully to align with the application, whether that is a simple brass padlock to secure a storage space or external building, a combination padlock where key management is not required or a high security, anti-corrosive product integrated into your site's patented master key system.

Padlock solutions provide your site with physical security against unauthorised entry, theft and vandalism, offering protection for your perimeter, entrances, main buildings, storage containers and even mobile assets such as vehicles.

CHOOSING A PADLOCK SOLUTION THAT IS RIGHT FOR YOU?

The exceptionally tough ABUS Granit offers the highest level of classification meeting high industry standards such as the European CEN ratings, offering tensile resistance of over 6 tonnes as well as integration with ABUS master key systems to provide patented key control. A special coating offers a high level of resistance to corrosion and an optional variant offers a product made entirely of stainless steel for use near salt water, in extreme weather conditions or in other corrosive industrial environments.

Brass and Aluminium Padlocks offer a traditional, but high quality solution for securing containers and external buildings.

Combination Padlocks offer a solution that does not require key management. These products offer 3 or 4 digit code combinations that can be set individually and are ideal for smaller applications such as containers.

The disc lock Padlock, known as ABUS Diskus, is a disc shaped padlock that effectively combats the most common ways of force. The design means that there is only a small opening in the shackle which makes it very difficult to tamper with and is also suited to applications that need additional protection against corrosion as well as security threats.





MANAGE YOUR LOCKING SYSTEMS WITH PATENTED KEY CONTROL

The door lock (or cylinder) is at the heart of securing any door or access point and in addition to the strength and versatility of the lock itself, the effective management and deployment of your key system is critical to the integrity of your site's security.

ABUS locking cylinders are high quality, 'made in Germany', high tech products, each lock is a miniature masterpiece in itself, ensuring reliable locking for many years to come, with precise interaction between the body, pins, balls and springs.

A mechanical locking system will deliver a physical, reliable and flexible security solution for your site and one that can be integrated across a range of products such as door locks, perimeter locking, padlocks and even electronic access control systems.

Effective and patented key control through a bespoke Master Key Plan is highly recommended for any logistical operation, allowing the organisation to manage access rights between management, staff, visitors and contractors for example. A Master Key System allows effective control whilst offering differentiation between common access points such as authorised personnel, floor levels, external access Vs internal access and high security Vs low security areas.

CHOOSING THE RIGHT KEY SYSTEM FOR YOUR ORGANISATION?

ABUS can provide exceptionally flexible locking solutions for the utilities markets. Modular systems allow seamless integration across your site allowing single master key access across locking points such as gates, doors, barriers, store rooms, containers and even vehicle security.

Staff members can be authorised to access common areas and storage sites for example, whilst a Security Manager or Engineer can have a higher level of authorisation, allowing them to access secure areas, remote sites or infrastructure.

The level of security required can determine the robustness of the product, the number of springs, whether it's a registered security key or which British Standards the product meets.

ABUS also manufactures specialised solutions such as 'class room' cylinders that will always allow exit from a room or storage area, safety locking for toilet facilities and 'construction keying' for any building projects on site that allow integration into your master key plan whilst providing temporary access to contractors or developers.





SAFETY WHERE YOU NEED IT

Lockout/Tagout (LOTO) is a safety procedure which is used in industrial production facilities to ensure that dangerous machines are properly shut off and not started up again prior to the completion of maintenance or servicing work.

It requires that hazardous power sources be “isolated and rendered inoperative” before any repair procedure is started. “Lock and tag” works by locking e.g. a switch or valve with a hasp or plastic device, and placing it in such a position that no hazardous power sources can be turned on. A tag is then affixed to the locked device indicating that it should not be turned on. ABUS offers many industrial safety products from padlocks to lockout devices, hasps and labels

Safety Lockout Kits

If you want to establish a proper machine maintenance safety program in your company, ABUS lockout kits are always a smart choice. In our starter kits, you will find all that is needed to lock out and tag different energy sources like valves, power plugs, or circuit breakers.

Mobile Lockpoint Safety Centre

The first-of-its-kind mobile safety centre saves time and helps prevent damage and injury by keeping necessary Lockout/Tagout solutions precisely where you need them. LockPoint can be made available in multiple work areas based on your LOTO program. With this product, you can effortlessly follow the 60-second rule, according to which all materials need to be accessible within one minute.

Safety Labels

Lockout/Tagout labels call out DANGER or allow a special area where the employee's name, department and other information can be written in with a permanent marker. The safety labels are made of strong pressure-sensitive vinyl and are made from 100% recycled material.

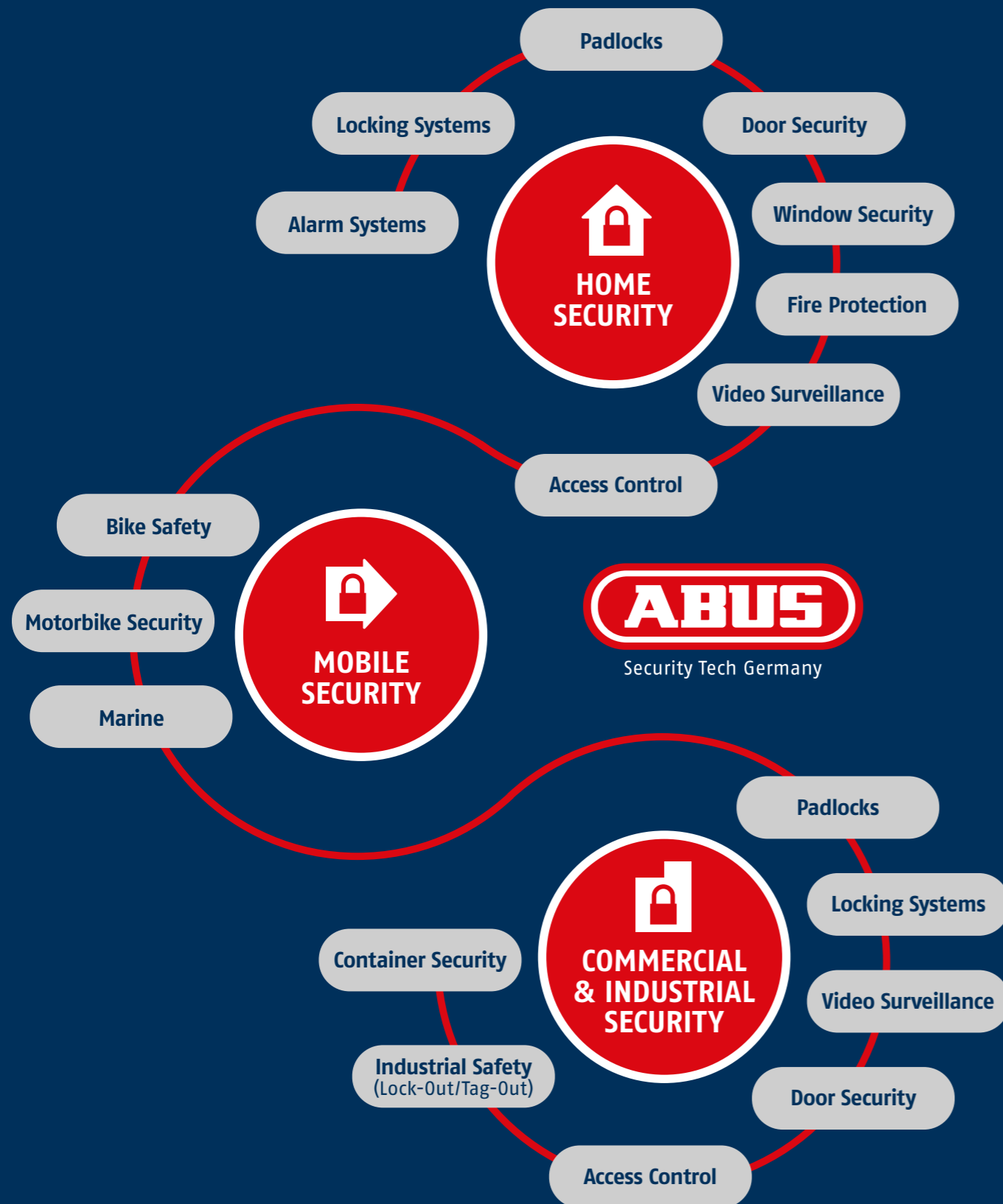
Lockout Devices & Padlocks

ABUS offers a number of lockout devices and safety hasps for switches, power outlets, valves and compressed air connections, as well as a variety of safety padlocks for many different lockout applications. An anodized aluminium padlock is very lightweight and can be engraved to personalise or number different locks. A laminated steel padlock offers good balance between safety and security requirements. A brass padlock is best used in environments where the danger of sparks should be minimised and finally, there are our plastic-covered safety padlocks which are completely insulated against electric shocks and come with lockout stickers in three different languages.



ABOUT ABUS

Synonymous with Security



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