



ABUS

Security Tech Germany

ABUS SOLUTIONS

**BEING SAFE
& SECURE**

We care for the safety of your staff and equip construction sites with smart security.

PROTECT YOUR EMPLOYEES

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There are many good reasons for safety at work. The most important one is the life or health of the employees.

That's why ABUS has developed a holistic solution for occupational safety with its professional Lockout/Tagout programme.

The Lockout/Tagout programme protects your employees and at the same time allows you to organise internal work processes in a targeted manner while complying with legal requirements.

On the following pages, we will give you a brief insight into the Lockout/Tagout range from ABUS.

LOCKOUT/TAGOUT AT A GLANCE



IMP®: THE SERVICE MODULE FROM ABUS

ABUS IMP® is a service tool that we have developed for all lockout/tagout issues. From the first steps of an operating instruction to the training of the systematics and products for the corresponding employees of your company, all questions on the topic of lockout/tagout are dealt with and answered.

In addition, with this tool we offer a comprehensive basis with which you can carry out sustainable prevention work.



SAFETY LOCKS: CLEARLY REGULATE ACCESS

Safety locks protect the health and life of your employees. The safety locks can be used to lock switches on machines and thus prevent a machine from starting up while it is being serviced by a technician.

Above all, however, safety locks signal that a machine or an area must remain switched off. By means of colours, engravings or labels, they can also be quickly assigned to specific employees.

The key retaining feature – the key can only be removed when the lock is locked – prevents access by unauthorised persons. Because only a completely locked lock is really safe!

LOCKOUT/TAGOUT AT A GLANCE



LOCKOUT DEVICES RELIABLY SECURE AGAINST ACCESS

Lockout devices – electrical:

For every machine or system, you will find a suitable safety lockout device from us for those machine areas through which electricity flows. We offer you individual solutions which protect your employees from the electronics being switched on while they are working on them.

Lockout devices – mechanical:

With our lockout devices for mechanical machine areas, you are also sure to find the solution that is suitable for your industrial installations. You can protect employees by preventing start-up during maintenance work.

Group lockout devices:

Group lockout devices show at a glance which colleague is involved in the maintenance work and on which machine and in which machine area he or she is currently working.



STORAGE AT THE ABUS LOCKPOINT

With the ABUS LockPoint, all materials, documents and lockout solutions are available to you exactly where you need them.

SECURE YOUR BUSINESS

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"Who has the key for the material container?"

The search for the employee with the key begins. When the employee is finally found, it turns out that he has long since passed on the object they were looking for to colleagues in another trade. So: keep searching!

The organisation of keys is time-consuming and annoying in everyday life on the construction site. Not securing the material container with a lock for this reason is nevertheless not the answer to this problem.

ABUS has developed a smart solution to secure your construction site against theft and eliminate key chaos at the same time: the 9001 IoTect keyless padlock.



Secure, simple and smart – the sturdy 9001 IoT lock with app

SECURE WITHOUT A KEY

Mechanical lock solutions are already widely used on construction sites. But manually managing the keys and checking the locks – are they really locked or open? – takes a lot of time and effort.

In the course of the construction phase, many trades and companies are involved on a construction site, from civil engineering to shell construction and the interior finishing phase. Keys to containers or fences have to be passed on in a cumbersome manner, get lost or do not find their way back to the foreman.

With digital lock solutions, you can avoid these problems and increase efficiency and security on the construction site. The 9001 IoT lock from ABUS does without keys by relying on the smartphone. It also offers additional functions to prevent theft and vandalism.

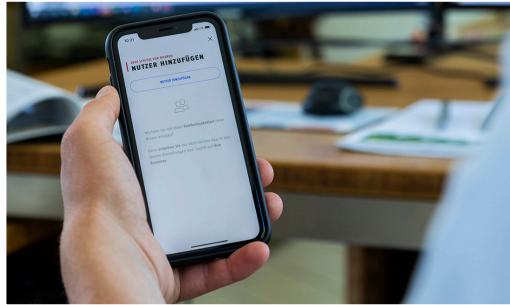
ALARM FUNCTIONS AGAINST THEFT

Secure the gate at the site fence and the tool containers on your construction site reliably against theft attempts with the 9001 IoTect padlock. This smart lock is difficult to break and deters intruders with a 100 dB loud alarm in the event of a break-in attempt. At the same time, the 9001 IoTect alerts responsible persons via push message to their smartphone.



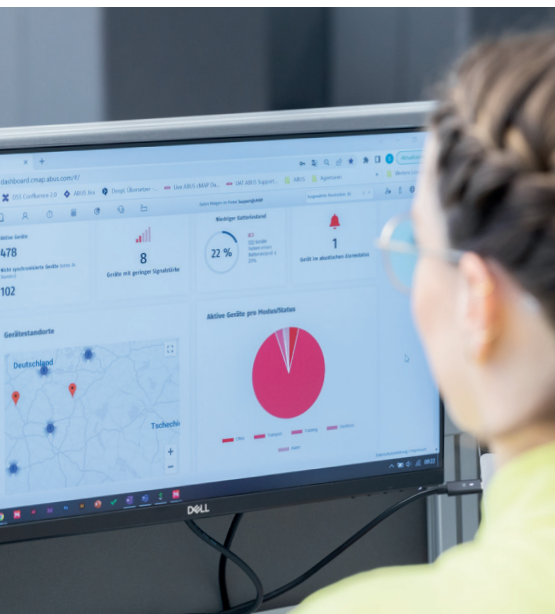
SMART "KEY MANAGEMENT" VIA APP

In future, you will manage access authorisations on the construction site via an intuitive app on your smartphone or laptop. You can assign individual authorisations for all 9001 IoTect locks on your construction site from anywhere. You determine who can open the lock with their smartphone. Once the work is done or there is a change of personnel at the trade, you can revoke the access authorisation at any time. Lost keys and key chaos are problems of the past.

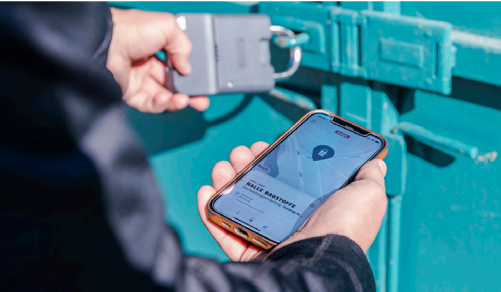


DOCUMENTATION & SECURITY

A quick glance at the app reveals the status of the padlock – and all other 9001 IoTect locks on site. Put a stop to construction site theft by knowing all locks are always locked – without time-consuming on-site checks. The app also documents which smartphone opens and locks a lock. You have everything in view – and thus everything under control.



AREAS OF APPLICATION FOR THE 9001 IOTECT



MATERIAL CONTAINERS

Whether as a magazine for tools or as a material store, containers are used extensively on construction sites. Unlocked containers increase the risk of theft. Opening locked containers often takes unnecessary time because of the key search. Solution: alarm-secured locking, but without a key.



TOOL BOXES

Many trades use their own aluminium boxes to provide additional security for valuable tools or materials. Ideally, each employee has his or her own key, but this also involves risks. Solution: keyless locking and automatic documentation of use.



WASTE CONTAINERS

Waste disposal on the construction site is always associated with costs. It is not uncommon for third-party waste to be disposed of in unlocked waste containers. For this reason, waste containers should also be secured. Solution: a secure lock that can be easily opened if necessary.



CONSTRUCTION FENCES

Construction fences need to be locked daily after work and access needs to be guaranteed for different trades at different times. A smart organisation simplifies the management. Solution: individual access management via app and lock opening via smartphone.

FORM FACTOR

CENTRAL
PROCESSING
UNIT



THE 9001 IOTECT

The 9001 IoTect locking module opens up completely new possibilities for access management and theft protection on construction sites. You don't have to deal with time-consuming key management: the lock is opened with a smartphone via Bluetooth®.

If an unauthorised person tries to gain access despite the lock, in addition to its robustness the 9001 IoTect secures the construction site and material against theft and vandalism with its two alarm functions.

ABUS SMARTX™

The lock is opened with the smartphone via Bluetooth®. Encrypted communication via the ABUS SmartX™ Bluetooth® standard developed by ABUS ensures maximum security.



Bluetooth®:
secure opening without a key



GSM: remote access, real-time
documentation and notification



Motion sensor: triggers a 100 dB alarm
and push message



GPS: allows tracking

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