



SIMPLE. ACCESS. ORGANISATION.
WITH THE DIGITAL TECTIQ LOCKING SYSTEM.

Top building security with access only for authorised persons at set times. Comprehensive property equipment with wireless door components and system components integrated in the network. Efficient thanks to software management of all locking media and the option of blocking media/keys in the event of loss. TECTIQ - the all-in-one solution for electronic access control.

The TECTIQ access control center

The access control center manages the entire system with door components and update terminals. The system can be accessed locally or remotely with an internet connection. All data is highly encrypted and transmitted via a secure connection. The control center serves as the local database for every TECTIQ system. Thanks to independence from the existing server and database infrastructure, installation is carried out without complex configuration. Integration into the network is simple via Ethernet.

Flexible and secure authorisation management

Access authorisations are stored on the locking media in a readout-protected and tamper-proof manner. Changing access rights, creating new locking media or blocking lost locking media can be done conveniently in the Access Manager and are updated on the locking media via update terminals through regular validation (e.g. daily). Door components can be updated via a blacklist card if a key is lost, so that access with this locking medium is no longer possible, even for wirelessly integrated components.

Technologies

- Access control center of the TECTIQ Data-on-Card system in commercial and public buildings
- TECTIQ Access Manager desktop software with intuitive user interface for efficient setup and management of the

TECTIQ Access control center

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TECTIQ system

- Storage of all data on the access control center, which can be easily integrated into the network as a complete solution including software/database regardless of the server architecture on site; local operation or with internet connection (optional)
- PC access via TECTIQ Access Manager for up to 5 administrators to the access control center
- Remote access (internet connection) to the entire system for location-independent administration via the TECTIQ Access Manager (e.g. from the company headquarters or from the home office)
- Integration of up to 100 TECTIQ update terminals for validating & updating locking media in use (transponder, card or key fob), also across locations via secure peer-to-peer connection
- Easily scalable and expandable at any time by adding electronic door and system components as required
- Realise property-specific solutions flexibly and in line with requirements via TECTIQ Access Manager and program the door components easily with the parameter card
- Simple connection to the infrastructure: Power supply 12 V DC and Ethernet RJ45 10/100 Mbit/s

Technical data - TECTIQ Access control center

Area of application	Protected indoor area (e.g. server and infrastructure rooms, secured indoor areas)
Certifications	-
Clock buffering for power failure	Yes
Colour	Signal white (RAL9003)
Communication protocols	TCP/IP, peer-to-peer mediation server
Connections	Power supply, network interface (Ethernet) RJ45, USB 2.0
DC voltage supply	12 V
Database type	Local database in the access control panel
Depth	53 mm
Device programming	TECTIQ system transponder and Admin app
Ethernet interface	Network interface LAN RJ45 10/100 Mbits
Factory reset	Yes
Functions	Access control panel for the TECTIQ system, locally integrated database, device management
GDPR compliance	Operator is responsible for GDPR-compliant use, the TECTIQ system offers the necessary prerequisites
Height	53 mm
Housing lock	Security Torx T10H
Humidity	Max. 80 % relative humidity, non-condensing
IP address	IPv4
Installation type	Surface mounted
Internet communication connections	No internet connection required for local use, optional: NTP (date/time synchronisation), highly secure encrypted communication via peer-to-peer mediation server (remote access)

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Technical data - TECTIQ Access control center

Item abbreviation	TEC-CTRL
Locking media compatibility	System: ABUS MIFARE® DESFire® EV1, memory size 4K, read-in via TECTIQ desktop reader USB
Locking media security	Copy/tamper protection MIFARE® DESFire® with ABUS TECTIQ application
Login	ABUS Online account for administrators and specialised installers
Material	Plastic
Max. operating temperature	40 °C
Min. operating temperature	0 °C
Net weight	0,783 kg
Network integration	Discovery service or manual addition
Number of USB table readers	Max. one desktop reader per administration PC
Number of events	100.000
Number of offline door components	Max. 3.000
Number of online update terminals	Max. 100
Number of person groups	Max. 200
Number of persons	Max. 2.000
Number of schedules	Up to 300 schedules can be set, a maximum of one individual overall schedule per person/person group with a maximum of 15 intervals and 30 blocking days can be assigned
Operating mode	Data-on-Card via desktop reader and optional online update terminals (also across locations)
Operation	TECTIQ Access Manager
Permission management	Locking plan matrix with individual and group permissions
Power consumption	500 mA
Processor	Cortex-A53 Quad-Core
Real-time clock (RTC)	Yes
Remote access	Peer-to-peer mediation server, firewall/port settings: recommended from port 40000 (UDP): P2P communication, alternatively: Port 53 (UDP): DNS Service, Port 443 (UDP/TCP) HTTPS base station connection, Port 3478 (UDP): STUN server connection, Port 3479 (UDP): STUN server connection, Port 5566 (UDP) base station connection, Port 5568 (TCP): Gateway connection
Security features	Local data backup, housing lock with security Torx, time buffering in the event of power failure, data retention in the event of a power failure, password protection, secure internet connection
Signalling	Status LEDs (power, update, terminal communication, internet status)
System button	System restart, factory reset, network reset
Transponder programming	Via TECTIQ desktop reader USB

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Technical data - TECTIQ Access control center

Update capability	Yes, local
Width	247 mm