Total Security and Access Solution for the Telecom Industry

ASSA ABLOY Global Solutions for Telecom and Data Centres

Experience a safer
and more open world

Your trusted partner for a total telecom infrastructure security

As a global leader in access and security systems, we help billions of people move through a safer, more open world with ease, every day. With operations and local expertise in 70 countries worldwide, ASSA ABLOY offers a total solution to meet the security and access needs of critical infrastructure. As a trusted partner, we understand telecom challenges, needs and operations, developing solutions and services that enhance and secure your operations.

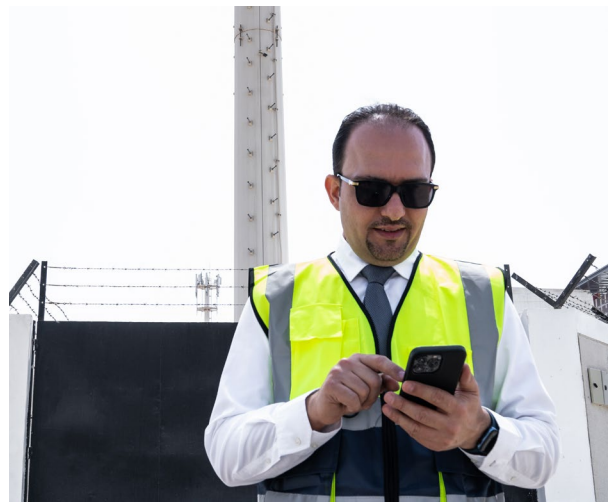# Direct impact on the society as a whole

The telecom industry has become an essential part of our day-to-day life. It reaches billions of people at the same time, no matter the weather, geographical location or nationality. It is a vital resource for the economy, industrialization and globalization. In case of outage, there will be a direct impact on society, the economy and the functioning of government. While sustainability, world political changes, technology development and the transition to the 5G network era bring new challenges to the industry, telecom needs to be fully protected and controlled as a crucial part of our critical infrastructure.

With ASSA ABLOY Global Solutions, we help you to the meet the changing needs and protect your premises, assets and personnel by overcoming all the main challenges with one comprehensive solution.

With remote security management, you save both time and expenses without compromising the high level of security and control – everything managed from one simple ecosystem.

Robust security solutions for mobile network operators

Telecom towers and networks are often located in remote and geographically dispersed locations. For mobile network operators it is even more important to secure their assets and ensure continuity of work in every situation. With our total solution, you manage access for both staff and subcontractors, and keep your sites and operations secured every day, in all situations – while keeping the vital connections always available for consumers and the society.

Flexible access and user management for tower companies

Offering facilities for mobile network operators, tower companies need to not only secure their facilities and resources, but also provide flexible access for mobile network operators to allow them to run their operations and connections without disruptions at the shared site. With our total solutions, you improve your situational awareness and return on investment by securing the entire telecom infrastructure with a convenient security solution allowing you to:

- monitor all operations through one visual user interface

- anticipate, alert and react by real-time feedback of any suspicious incident detected

- trace and control access to your premises and find this information in the event log

Reliability for every layer in data centre security

As there is an ever-increasing demand for computing power and data space, data centres are another essential element to secure within the telecom industry. From the infrastructure perimeter to the highly restricted internal data server areas, our comprehensive product range covers every security layer inside and outside data centres. To minimize downtime and gain higher operational reliability, our solutions and products secure assets against physical threats without compromising operational flexibility.

ALWIN – one global security solution for every need

Made by the French manufacturer ALCEA, ALWIN is a modular, scalable, and interoperable software solution designed to monitor and protect critical infrastructure industries and its business applications against intrusions. Together with ASSA ABLOY mechanical, electromechanical and mobile locking and access solutions, it provides a comprehensive electronic security management solution organised into several business modules. ALWIN modules are independent and can be used separately, but still communicate between each, within the software.

Access control

ALWIN offers an advanced access control module that helps optimise the time for both users and site managers. With its intuitive platform, ALWIN enables easy creation and management of access rights to one or multiple sites, including remotely located on different continents and time zones. This module ensures safe and efficient management of access, visits, and traceability for any user.

Access rights management
Create and delete access rights, along with tracing and following the activity log for better monitoring.

Multisite management
Manage access to multiple sites instantly, including remote locations.

Visitor management
Manage visitor/ subcontractor in real-time and create appropriate access rights to ensure maximum security.

Vehicle management
Simplify vehicle access to loading docks or allow access to parking based on available parking spots.

Visitor management

The visitor management module built into the ALWIN solution secures, optimises, and simplifies subcontractor or visitor reception, to your facilities. ALWIN visitor management includes several features to offer an optimised organisation for administrators and a pleasant and modern experience for visitors.

Reception desk
Create visitor badges and trace and follow the activity log.

Video management systems & modern identification technologies
ALWIN supports both physical (badge, QR code, bar code) and virtual (Bluetooth®) identification.

Types of visits
The software caters to individual, group, or event visits, along with one-off or recurring visitors.

Key management: ALKEY

ALKEY is a range of key cabinets designed by ALCEA to simplify and secure access to the various resources, even the most sensitive, shared between company employees and subcontractors.

Key cabinets
Key cabinets of different sizes according to the need.

Resource management
Manage the various resources of the company.

Simple and secure identification
Identify the user of the key through their badge, private code or biometrically.

Key traceability
Traceability of retrieval and return of the keys.

Intrusion detection

To prevent and limit intrusion attempts, the ALWIN solution includes a detection module to enhance security and accelerate reactivity in case of emergency, intrusions, or breakdowns. A centralised alarm system reports immediately malfunctions via SMS or email to the supervisors.

3 types of surveillance
Peripheral, perimeter, volumetric.

Intrusion alarms
Alarms for all types of surveillance.

Remote transmission
Real-time remote alarms information by SMS or email.

Alarms & intruders
Remote listening to the intrusion zone Remote contact with the intruder.

Video management

ALWIN maximises site security by integrating video management systems. The software combined with compatible cameras monitor sites under the ALWIN Vision module.

Real-time visualisation
Control cameras in real-time and define viewing parameters.

Analysis and recording
Analyse images in the event of an intrusion.

Reviewing
Replay any video footage through the alarm log.

Automatic reading of license plates
Identify and associate any number plate with access control.

System & interface

A graphic and centralised view of the sites under ALWIN supervision is available from the interface. The user interface centralises access control equipment (doors), key management (ALKEY cabinets), video management (cameras) and intrusion detection (radars, etc.).

Centralisation
ALWIN centralises all modules in one place, making it easy to manage and access all security equipment at your site.

Global view
ALWIN provides a global view of your site, allowing you to monitor security equipment and receive real-time information alerts.

Icons database
Customise the graphical interface according to your needs using ALWIN's icons database.

Real-time dynamic alerts
ALWIN's real-time dynamic alerts keep you informed of any suspicious activity or security breaches at your site.

ASSA ABLOY
access and
locking solutions

ASSA ABLOY Global Solutions is a proven supplier of security and safety solutions for all assets in the critical infrastructure environment and handles every aspect of security upgrade projects with care and expertise.

Keyless access

Keyless solutions manufactured by ABLOY provide easy and controlled access with a digital mobile key secured with the best-in-class Seos® credential technology. Managed with ALWIN software or integrated into 3rd party systems, you are always in sync with your security situation.

Key-based access

ABLOY manufactured electronic, electromechanical and mechanical access systems offer a secure, reliable and flexible key and access control solution for every need and environment. Our key-based access solutions, customized for each locking point and protection level, are a future-proof and cost-effective part of your entire security system.

Wireless access control

ASSA ABLOY wireless solutions are the easiest way to extend the reach of your access control system, or to replace your mechanical locks with intelligent access control. Operating wire-free, battery-powered access control solutions are fast and cost-effective to install and save you money in operating and maintenance costs.
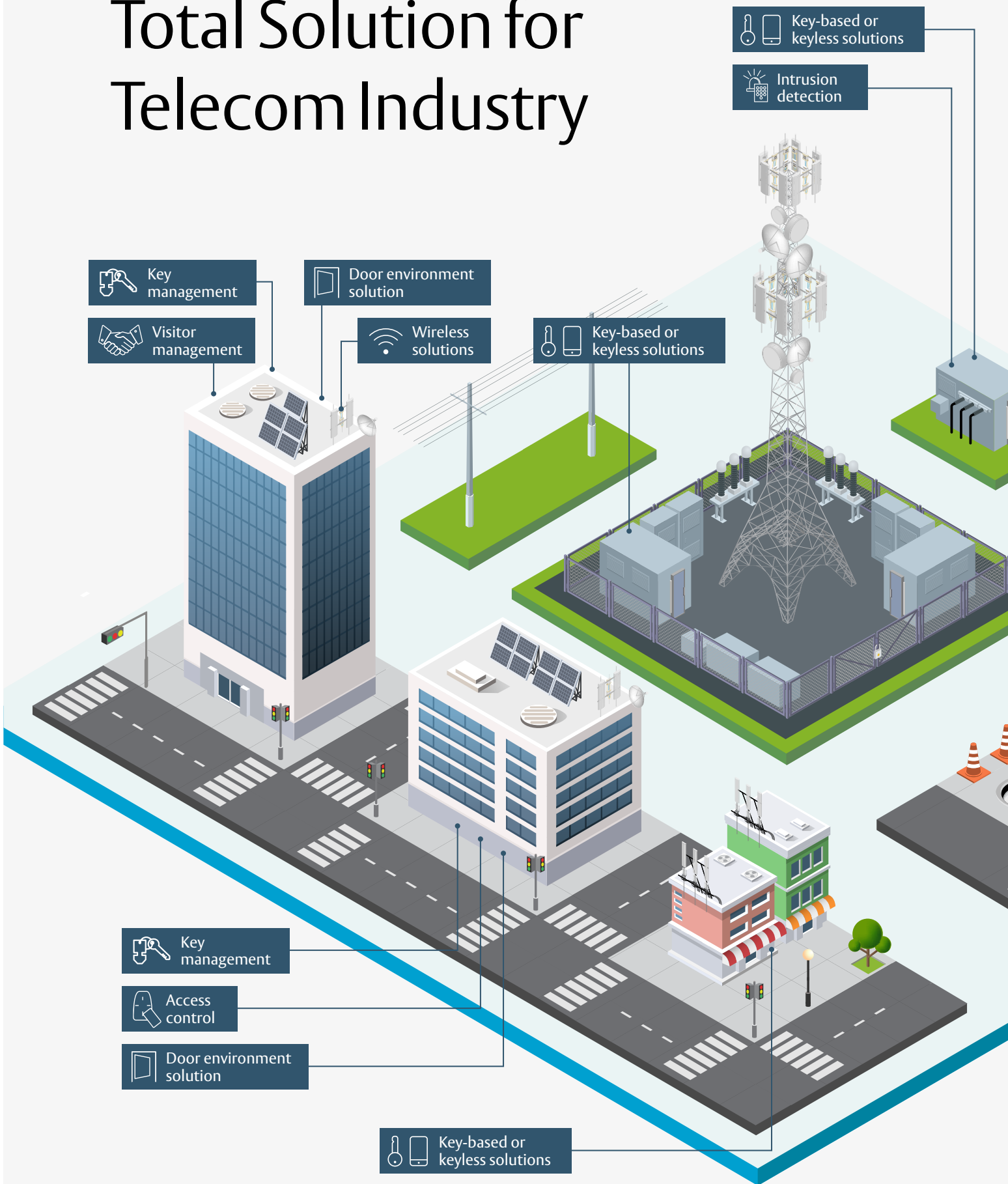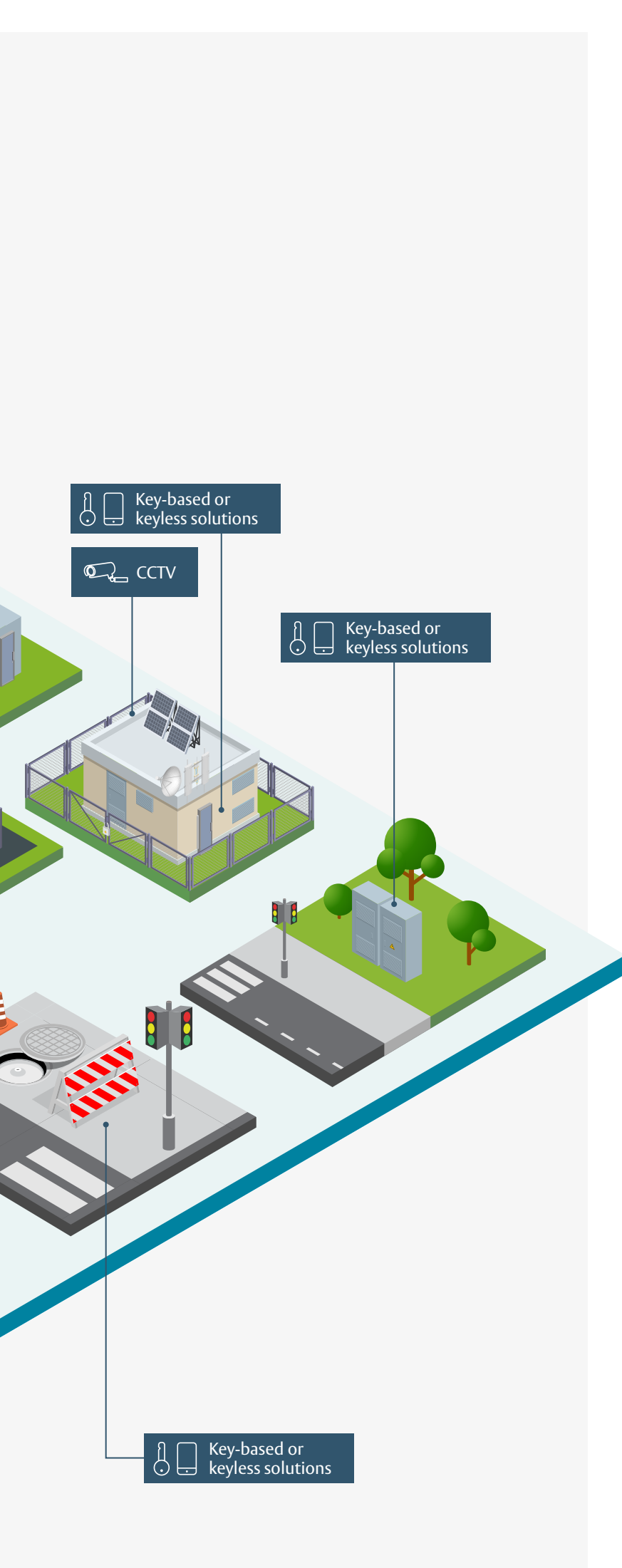
Door environment solution

Designed for a seamless, aesthetic and smooth performance in every circumstance, ASSA ABLOY door environment solutions increase your security and provide real-time information about all your door usage and access rights. Including electric locks, door control and architectural hardware systems, door environment solutions complete your security and access control system and are easily integrated and managed.

Total Solution for Telecom Industry

Key-based or keyless solutions

Intrusion detection

Key management

Door environment solution

Visitor management

Wireless solutions

Key-based or keyless solutions

Key management

Access control

Door environment solution

Key-based or keyless solutions

Why ASSA ABLOY?

Top-class security solutions for demanding environments

High-quality products tested beyond industry standards

Safety and control in everyday life as well as in emergencies

Comprehensive & future-proof solutions

Global service offering with local expertise

Lifecycle sustainability

Global customer references

Improved operational excellence

Certifications: ISO, ANSSI (ask more from your local reseller)

Wide integration capability

Services

We offer you the full assistance and expertise of our professionals in pre-sales advice, providing a scrupulous audit of the needs of sensitive sites and a personalised proposal based on your individual operations and needs. Our global network of certified integrators guarantees that our solutions are always implemented with best practice, and that the product is maintained in operational condition.

Key-based or keyless solutions

CCTV

Key-based or keyless solutions

Key-based or keyless solutions

The ASSA ABLOY Group is the global leader in access solutions. Every day, we help billions of people experience a more open world.