



Airport terminal solutions

Improving passenger processes

We make access in
life smart and secure.

dormakaba 

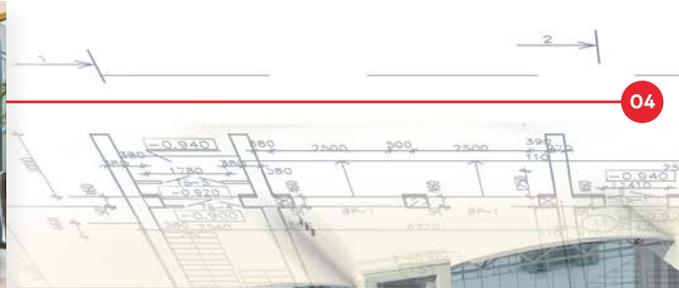
Airport improvement program solution

Contents

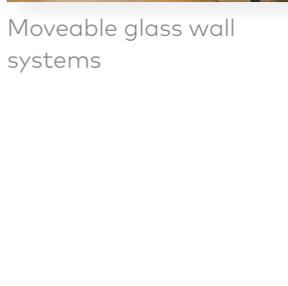
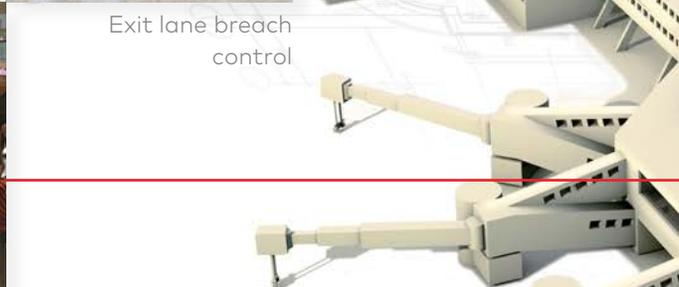
- 04 **Large diameter revolving doors**
- 04 **Automatic sliding doors**
- 05 **Interior glass systems**
All-glass automatic sliding doors
- 05 **Moveable glass wall systems**
- 06 **Boarding pass control**
- 06 **Self-boarding gate**
- 07 **Exit lane breach control**
- 08 **Personal interlocks**
- 08 **Full height turnstiles**
- 09 **Electronic access and data systems**
- 09 **Workforce solutions**
- 10 **Service & project support**



Large diameter revolving doors



Exit lane breach control



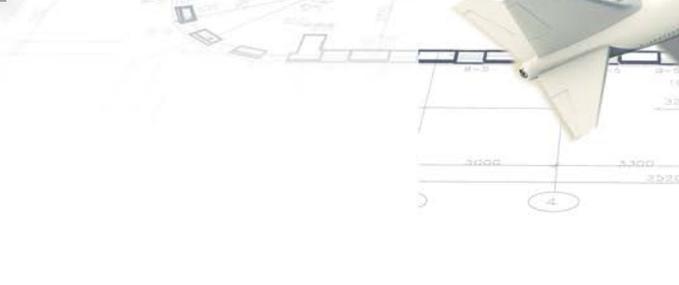
Moveable glass wall systems



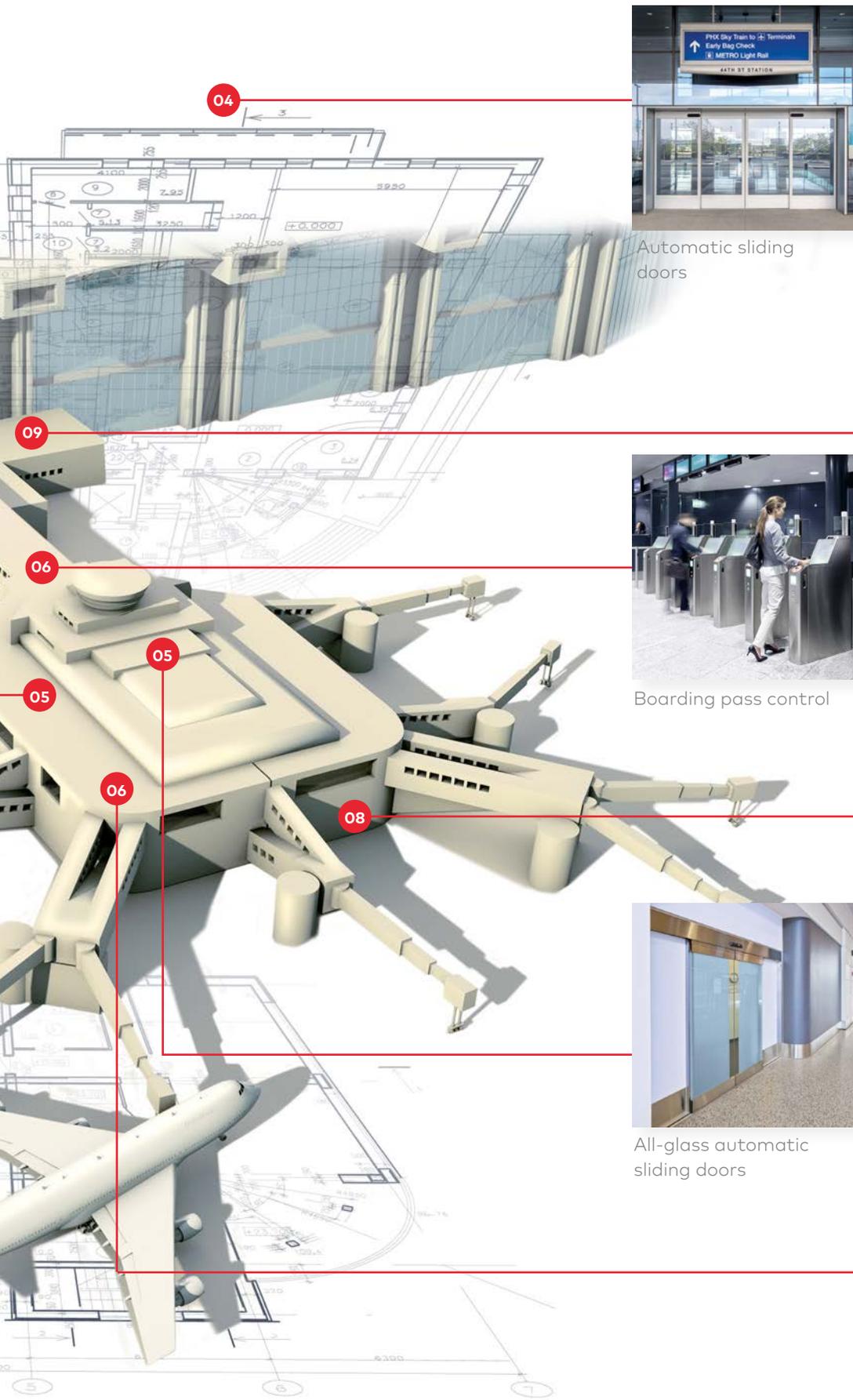
Access control



Full height turnstiles



IS



04



Automatic sliding doors



Workforce solutions
Time & labor

09



Boarding pass control

06

05

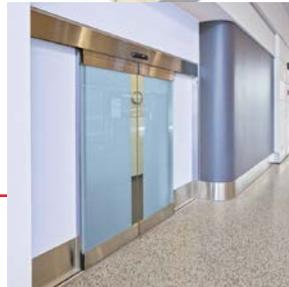
05



Personal interlocks

06

08



All-glass automatic sliding doors



Self-boarding gates



Concourse and terminal technologies

Smart design simplifies the travel experience.



Today, technology is the common thread in optimizing passenger experiences for airports and airlines. With an emphasis on innovation and sustainability, dormakaba passenger terminal technologies have grown to match both the expansion and innovative practices of the airlines, airports and airport-based businesses. Our passenger-centric solutions comprise technologies that merge security with convenience to make airport processes more efficient and more comfortable for the passenger.

At the heart of dormakaba's approach to future-proofing passenger processes is our passion for developing solutions. We combine technology with functionality to form a holistic concept with a high level of safety, control and efficiency—making access in life smart and secure.



Automated boarding pass control



Automatic sliding doors



Time and labor



Exit lane breach control



Personal interlocks



Full height turnstiles



Creating efficient and lasting passenger processes.



Passenger traffic continues to escalate, putting pressure on airport improvement programs (AIP) to elevate the passenger experience. Today's traveler demands convenience at every stage of their journey—from the moment they enter the terminal to the time they exit the concourse. Progressive airports are responding by focusing on all touch points along the passenger journey, transforming the airport experience with efficient processes. Airports around the world rely heavily on upgrading technology with dormakaba solutions. By remaining focused on our future-proofing approach to developing systems that endure, we are positioned to serve the market with a broad spectrum of smart and secure products, solutions, and services. Our installations at Maccarran, Boston Logan, and Tulsa—as well as many international airports—serve as powerful examples of our resolve to develop state-of-the-art solutions that perform as designed with lasting dependability.

Today's traveler demands convenience at every stage of their journey—from the moment they enter the terminal to the time they exit the concourse.





Entrance systems

Passenger convenience revolves around the entrance.

Revolving doors

- 2, 3, and 4 wing models
- Inward collapsible doors for oversized items
- Optional locked wings and night shields for increased security
- Conforms to relevant national and international standards



How your airport streamlines the passenger process begins the moment the passenger enters the terminal. A welcoming, properly functioning entrance system is the first step in enhancing the passenger experience. Large-diameter automatic revolving doors combine modern styling with outstanding performance features.

configurations and programming options to accept large volumes of passenger traffic and luggage without interrupting pedestrian flow. Revolving doors help protect the terminal interior from outside winds, noise and dust while offering a perfect transition from the terminal to attached hotels. dormakaba also provides services to ensure your entrance system is installed and properly maintained throughout the serviceable life of the product.

With an outside diameter up to 21 feet, our KTC Series is available in a variety of

Automatic sliding doors are the clear choice for every terminal modernization project.



Our ESA Series offers the perfect solution to accommodating passenger flow efficiently and safely. The continuous self-monitoring control system, adjustable motion sensors, and emergency breakout panels create safe passage for busy travelers. Extruded aluminum stiles and rails are constructed to withstand high wind pressure, while the floor guides do

not require routine maintenance. Our exclusive sound-dampening track reduces operational noise to a whisper and prevents vibration transfer to terminal infrastructure. The ESA Series couples rugged door panel construction with practical simplicity making them the clear choice for every terminal modernization project.



All-glass entrances

Transform the airline lounge for a new class of passenger comfort.

DRS Rail System allows effortless door assembly and accommodates 3/8" (10mm), 1/2" (12mm), 5/8" (15mm) and 3/4" (19mm) thick tempered glass.



Interior glass systems

There is a new reality in airports—all class lounges. Advancing key airport priorities on infrastructure is transforming the passenger experience. Extending hospitality with shared usage lounges presents many design challenges, beginning with the entrance. Creating an environment that caters to the busy traveler can be achieved with glass.



All-glass automatic sliding doors

All-glass entrances offer many advantages when designing a luxury amenity for a welcoming experience. Like all ESA Series doors, the ESA500 (above) can be finished to achieve aesthetic goals. Paint, powder coat, and anodized finishes, along with a variety of architectural metals, can be applied by our craftsmen to create a radiant entrance.

Horizontal sliding glass walls let travelers shop on the fly as they navigate the concourse.

HSW Systems customizing options include: glass type and thickness, standard or custom metal finishes.



Shopping on the fly requires complete transparency. What you see is what you get! Horizontal Sliding Glass Wall (HSW) systems multiply your options for designing inviting space by transcending the limitations of fixed solid walls. Glass wall systems allow ambient light through to highlight goods and services while generating retail and concession revenue.



We all like to stop at the duty free shop, but today's traveler is looking for more amenities while navigating the concourse. Every project has unique requirements. We offer a range of system configurations for any application; framed or frameless, sliding or folding, point fittings or rails—to let the sun shine in.



Boarding pass control and self-boarding gate

Empower the passenger.

Self-boarding gates provide a practical solution to help improve passenger processing while allowing airline staff to extend courtesy services to those requiring special attention.



Incorporating technologies to optimize airport operations and empower the passenger is one of the most important aspects of modern Airport Improvement Programs. Our self-boarding gates and boarding pass control are high functioning, passenger-focused systems engineered to streamline processes—securely and safely. Self-boarding gates expedite supervised boarding of the aircraft and validate both paper and smart device

boarding passes. Boarding pass controls allow passengers to quickly proceed to the security checkpoint once their boarding pass has been verified. In addition to increasing operational efficiencies and passenger service, the sensor barrier technology seamlessly interfaces with airline and airport systems to accurately collect data and ensure immediate user acceptance for improved throughput rates.

Sensor Barrier Technology

- Reduces wait time for all passengers—including first class and airline employees.
- Ensures passengers are boarding the correct flight and boarding group.
- Audible validation signal.
- LCD display informs passengers of gate changes, seat assignment and how to proceed with printed a acknowledgment.
- Alarm notifies security of attempted unauthorized access.
- Emergency pushbutton operation holds doors open to safely egress in the event of an emergency.



The boarding pass control sensor barrier allows passengers access to airside, before the security checkpoint, with printed or mobile device boarding pass.



The extended sensor system quickly processes boarding pass information and safely admits one passenger at a time and detects luggage.



Exit lane breach control

Improve passenger flow, reduce congestion, and maintain the highest level of control.

Staffing exit lanes with guards has proven to be unreliable and cost prohibitive. Real control is possible with technology that eliminates human error, detects and prevents potential exit lane security breaches—reliably and accurately.

ELBC technology employs real-time video analytics, 3-D imaging, system monitors and motion sensors that integrate with airport security and fire detection systems. dormakaba's exit lane breach control sophisticated "smart technology" detects and identifies suspect persons and objects

left unattended, while greatly reducing the potential for false alarms. The modular stainless steel construction allows for multi-lane configuration to provide the highest throughput achievable—all while saving time and money and without compromising airport security or passenger safety.



One-way corridors provide unrestricted egress to guide passengers from the airside to the landside.



Attempts to enter the airside are detected by sensors and video analytics. Doors are closed and the attempted breach is reported to airport security.

Airport personnel access control

Regulatory requirements state that airport operators must show control of all the access points in their air operations area (AOA). For most airports this means securing countless remote access points and managing access for an incalculable number of credential-carrying employees.

Terminal

Personal interlocks

Entrances and exits for airport staff require the highest degree of separation between the secure airside and the public landside. High security is not just a matter of checking whether or not an employee has authorization to enter sensitive or restricted areas in the AOA. Access control systems must verify their identity and control movement. dormakaba's electronically monitored personal interlocks meet the highest

security demands providing optimal protection for all areas of the airport. Interlocks can be equipped with contact mats, body weight sensors, facial recognition and biometrics.

Personal interlocks comprise a variety of designs, including tubular and rectangular corridors for individual passage – or interlocks with a set of doors, arranged in a row, allowing passage in one direction.



Perimeter

Full height turnstiles

Airport perimeter security is an enormous task that requires intelligent use of physical protection measures and automated controls. dormakaba full height turnstiles offer a smart solution for securing the entire perimeter of the air operations area. The modular system allows multiple design

configurations, and our extensive offering of electronic access control systems permit the use of RFID access control and advanced biometric technology, conveniently integrated with our full height turnstiles for enhanced security.



The full height turnstiles will integrate with any access control system.

The end-point locking system, developed by dormakaba, prevents people from being trapped in the gates.

The canopies fit with any of the single, multiple, or space-saving double units.

Smart access begins with end-to-end solutions



Electronic access and data systems

dormakaba's EAD systems provide the perfect blend of form, flexibility, and function. Our comprehensive line of networked access solutions, electronic access controls, and wireless and stand-alone access solutions are designed to secure access throughout

the AOA. We offer a broad range of hardware and software systems with advanced security functions, such as managing, auditing, facility lockdown, and controlling access and tracking activity on your security network for any number of users.

Keyscan Aurora Access Control Management software seamlessly integrates with E-Plex® wireless locks, and most other popular brands of wireless locking systems to provide a single software platform solution.

- E-Plex Wireless and Stand-alone Access
- Keyscan Networked Access Systems
- RCI Electronic Access Controls



Workforce solutions

Time and labor

Accurately recording time and labor is paramount to controlling labor costs and profitability. dormakaba provides state-of-the-art devices and technology that are scalable and flexible. Our data collection methods allow employers to choose the solution that best fits their workforce, business, and collections needs.

Data collection terminals

dormakaba offers a variety of time collection devices to fit your organization's size and unique time and attendance and labor tracking needs. Each device is designed with a user-friendly interface and customizable configuration to support employee username and password entry, credential or biometric identification, and all devices support employee/manager self-service features.



Design consultation, installation and lifetime system service

Our design consultants are here to assist you at every phase of your airport improvement program. We provide comprehensive project support services—from specification and new installation to dependable maintenance throughout the service life of our systems.

Our consulting services include:

- Developing code-compliant access solution specification and schedules
- Developing detailed specifications for all other product groups
- Meeting with the design professional and/or owner to discuss project requirements and security coordination



Our nationwide network of service professionals is certified by the American Association of Automatic Door Manufacturers (AAADM).

Next, you can trust our service professionals to provide exceptional product support, delivery, installation and service of our entrance systems, passenger processing solutions, and networked access controls. With an emphasis on service excellence, dormakaba is committed to providing responsive and dependable sales, technical, project management, and maintenance support.

For comprehensive project support, call dormakaba at **844-SPECNOW (844.773.2669)**





dormakaba.us

dormakaba
Dorma Drive
Drawer AC
Reamstown, PA 17567
844.773.2669

KAA1281 2.5M CT