Automatic Border Control

MAGNETIC®
ACCESS TO PROGRESS

Lane indicator:
shows gate operation and successful identification.

Biometric verification:
modules for face recognition or eye scanning are mounted on the swing door.

Emergency and intercom system:
rapidly establishes contact with security personnel.

User guidance system:
easily understandable instructions guide users through the entire identification process.

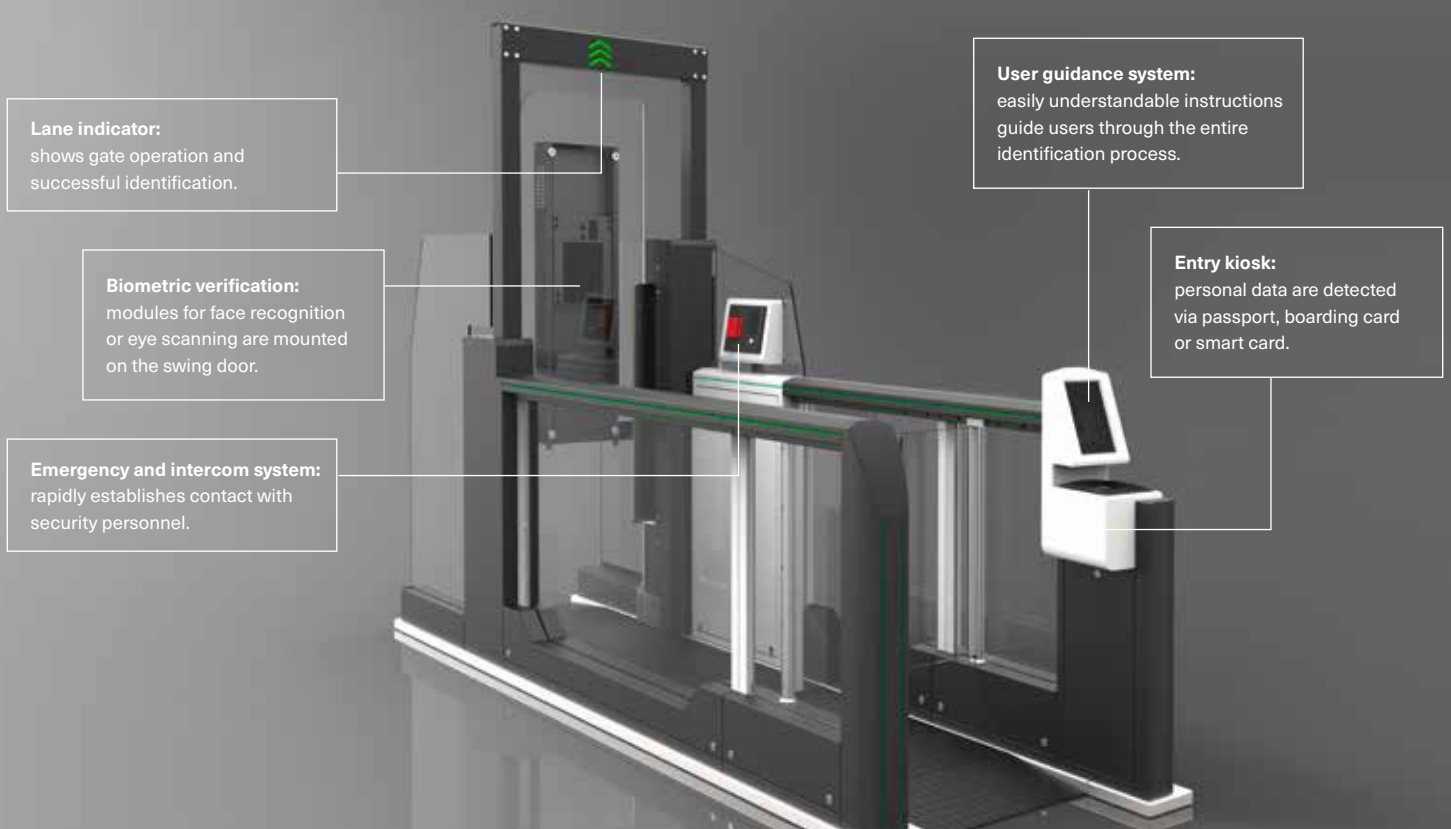**Entry kiosk:**
personal data are detected via passport, boarding card or smart card.

Rapid, safe, cost-effective and flexible

Our system is specifically designed for automating border control at airports, seaports and high security areas where rapid and reliable personal identification is required. Magnetic is a pioneer in this segment and has developed the market in an early stage. Hundreds of such gates are now at major airports worldwide and demonstrate their daily reliability.

The compact drive unit and modern control technology permits clear and minimalist gate design. The use of glass allows an open and friendly appearance. Several components can easily be integrated into the gate due to the modularity of the housing structure. The high-quality appearance is also reflected in the interior of the gate. The energy-efficient MHC EC motor stands for a long life

and high reliability. The MHC is directly driven by the new MBC-II, a newly developed controller, meeting the highest demands in terms of handling, interfaces, operation and functions. Parameterization of the MBC-II is simple and very comfortable via computer; a GUI is available.
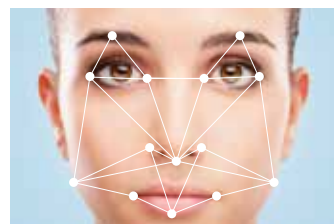
The gate meets all current and relevant norms and standards. The highest priority is – as always for Magnetic – the safety of the person using our products. The impact forces meet all norms, the design considers crushing and shearing points, and aspects such as EMC and the Machinery Directive were also incorporated from the start of product development.

Entry kiosk and user guidance system detect personal data and guide users through the identification process.

Personal data are read out and compared with official data.

Biometric verification checks that the user's personal data and physical features match.

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ACCESS	AFC	IMMIGRATION	BOARDING

Automatic Border Control

OUR SERVICE: Single-source. Magnetic offers the complete ABC Gate including the consulting, design, construction, maintenance and operation.

Benefits

> Highest passenger safety and conformity with all current norms and standards

> Maximum passenger comfort due to intuitive operation

> Fast process time allows high passenger throughput

> Easily customized and modern design

> Lowest TCO, no hidden after-sales costs, maintenance-free technology, low power consumption

> Magnetic is your strong partner with great experience in this sector and a worldwide presence

Reliable systems, satisfied users – for example in ...

Location	Year	Type	Number of lanes
Airport Kuala Lumpur	2012	Mantrap, face recognition	49
Airport Dubai	2012	Mantrap, face recognition	28
Airport Brunei	2014	Mantrap, face recognition	3
Airport Munich	2014	Mantrap, face recognition	14
Airport Frankfurt	2014	Mantrap, face recognition	30
Airport Hamburg	2014	Mantrap, face recognition	11
Airport Düsseldorf	2014	Mantrap, face recognition	18
Airport Munich	2015	Mantrap, face recognition	10
Airport Frankfurt	2015	Mantrap, face recognition	26
Airport Berlin-Tegel	2015	Mantrap, face recognition	4
Airport Cologne/Bonn	2015	Mantrap, face recognition	8
Airport Prague	2015	Mantrap, face recognition	10
Airport Salalah/Oman	2015	Mantrap, fingerprint	6
Airport Vienna	2015	Mantrap, face recognition	1

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