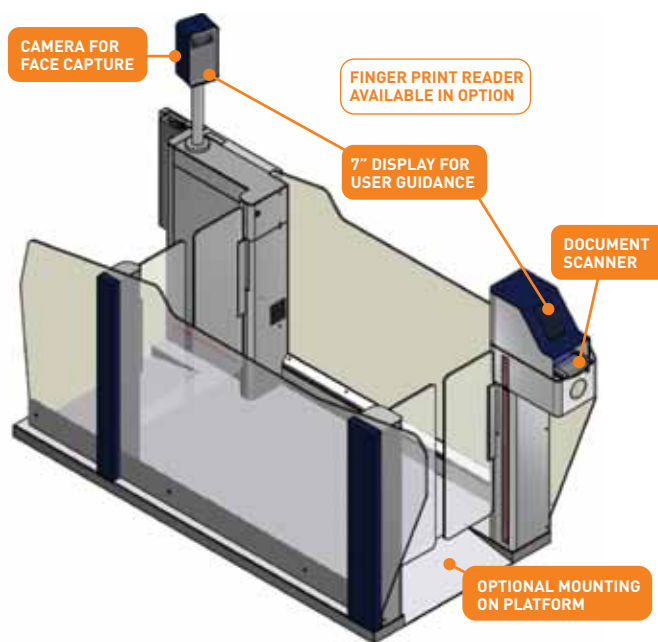# IBORDERS BIOTHENTICATE ABC GATE

The SITA iBorders BioThenticate Automated Border Control (ABC) Gate allows governments to automate immigration procedures for arriving and departing travelers.

It offers fully secure, self-service, automated border crossing for travelers holding a biometric credential such as an e-Passport.

Governments can handle increased international passenger traffic with an improved immigration process, making better use of resources without compromising security.

SITA's iBorders BioThenticate ABC Gate leverages SITA's border management expertise to deliver a fast and easy self-service automated border experience for travelers and improved security and facilitation for governments.

CAMERA FOR FACE CAPTURE

FINGER PRINT READER AVAILABLE IN OPTION

7" DISPLAY FOR USER GUIDANCE

DOCUMENT SCANNER

OPTIONAL MOUNTING ON PLATFORM

Footprint for a single unit (as per schema)

Length	245 cm
Width	110 cm
Height	165 cm

Banks of multiple gates are also available

HOW IT WORKS:

Document capture

- The traveler places the e-Passport on the scanner at the gate entrance, following clear graphic instructions.
- The gate scans the document and reads the electronic chip. A comprehensive suite of security checks ensure the authenticity of the e-Passport.

Document checks

- Data from e-Passport is sent to the immigration system, which confirms document validity and checks eligibility to use the gate.
- Based on the results received, the traveler is either allowed to enter the gate or denied access, with the required explanations provided to them and the supervisor.

Database checks and Biometric Identity verification

- The traveler enters the gate. Capture of the facial image starts immediately.
- Live images are matched against the face biometric extracted from the e-Passport.
- If fingerprint matching is enabled, the traveler is instructed to place their finger on the reader.
- The system checks the biographic and biometric data against various databases, such as national and international watch lists.
- If the checks return no hit and the biometric match is confirmed, the doors open and the traveler exits the gate.
- If the watch-list checks return a hit or if the biometric match is not confirmed, the doors remain closed and a supervisor is called for assistance.

Monitoring and reporting

- Each bank of gates is supervised by an immigration officer from a monitoring station.
- The status of each gate is displayed graphically on the monitoring console, along with any alerts and traveler information.
- This system enables remote gate operation, report generation and viewing of audit logs.

TECHNICAL SPECIFICATION

SITA

Create success. Together

Why it is unique:

- Accuracy of biometric match.
- Matching speed – performed before the user has to stop inside the gate.
- Flexible, modular, design that can be adapted to comply with customer requirements and choice of components.

Key benefits for Governments:

- Increased immigration processing capacity with same number of agents
- Better utilization of immigration officers, who can focus on persons of interest
- Increased security with high accuracy biometric matching for all travelers
- Faster processing of travelers, reducing queues and improving the country's image

Key benefits for Travelers:

- Reduced time spent in queues for immigration and faster processing through border formalities
- Perception of a more comfortable, less intimidating, immigration process
- Consistent and predictable international travel experience

Key benefits for Airports/Airlines:

- More efficient use of airport space and resources
- Reduced queues allow passengers to spend more time in concessions, improving airport revenues
- Reduced risk of passengers delaying flights due to immigration queues on departure
- Better customer ratings due to improved overall travel experience for the travelers

For further information on the product, please contact SITA:

Sean Farrell
Director, Government and Security Solution Line
sean.farrell@sita.aero

COMPONENTS	Standard	Optional
Gate structure / systems		
Standard width gate, tempered glass walls, stainless steel structure, polycarbonate door wings, 65 cm passage	•	
Increased width gate for wheelchair users, 90cm passage		•
Presence sensors (to detect intrusions, tailgating, forgotten objects)	•	
Banks of multiple gates (reducing cost and space requirements)		•
NEC Biometric matching system for Face and Fingerprint	•	
Safety sensors prevent users from being pinched or injured	•	
Bi-directional		•
Passenger interface		
Document reader	•	
LED indicator lights	•	
Two 7" displays (one external and one internal)	•	
High definition CCTV camera	•	
Fingerprint reader		•
Call button / intercom		•
Loudspeaker		•
RFID, SmartCard reader		•
BCBP bar-code reader		•
Receipt printer		•
Additional options		
Mounting on platform for mobility		•
Extra height walls		•
Uninterruptible Power Supply (UPS)		•
CCTV monitoring of gate activity		•
Customizable door wings		•

For further information,
please visit **www.sita.aero**