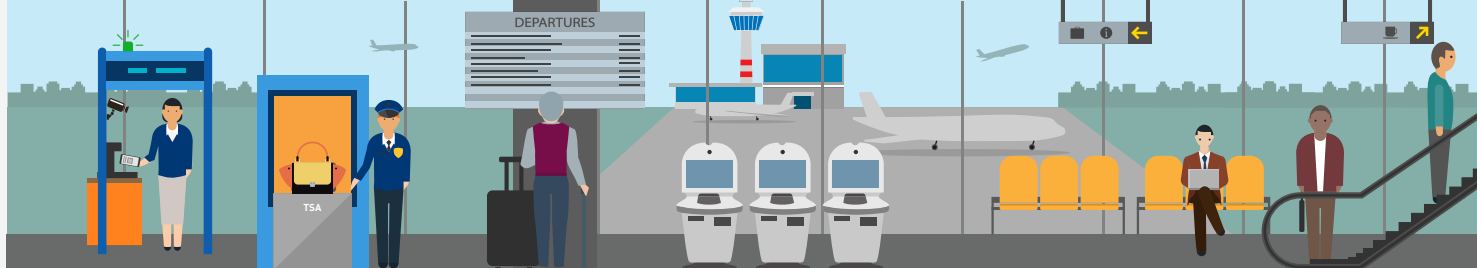


TRANSFORMING THE PASSENGER EXPERIENCE WITH TRUSTED IDENTITIES

Improving security, efficiency and travel experiences as travel is set to double by 2034*



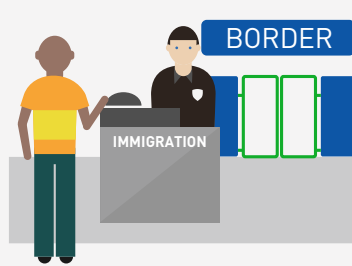
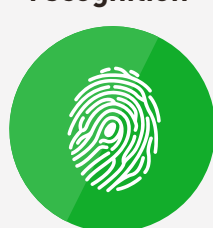
Biometrics allows a person to be identified and authenticated based on a set of recognizable and verifiable data, which are unique and specific to them.

Reference biometric is the biometric obtained from the individual at enrollment, for example a high resolution digital facial photo or a set of captured fingerprints or irises.

Comparison biometric is the biometric captured to verify your identity at the time of the transaction. It's verified through comparison with the reference biometric.

Common types of biometric modalities used for travel and border management

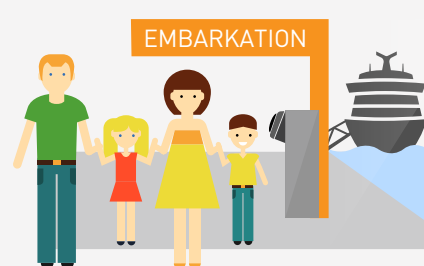
Fingerprint recognition



Facial recognition



Iris recognition

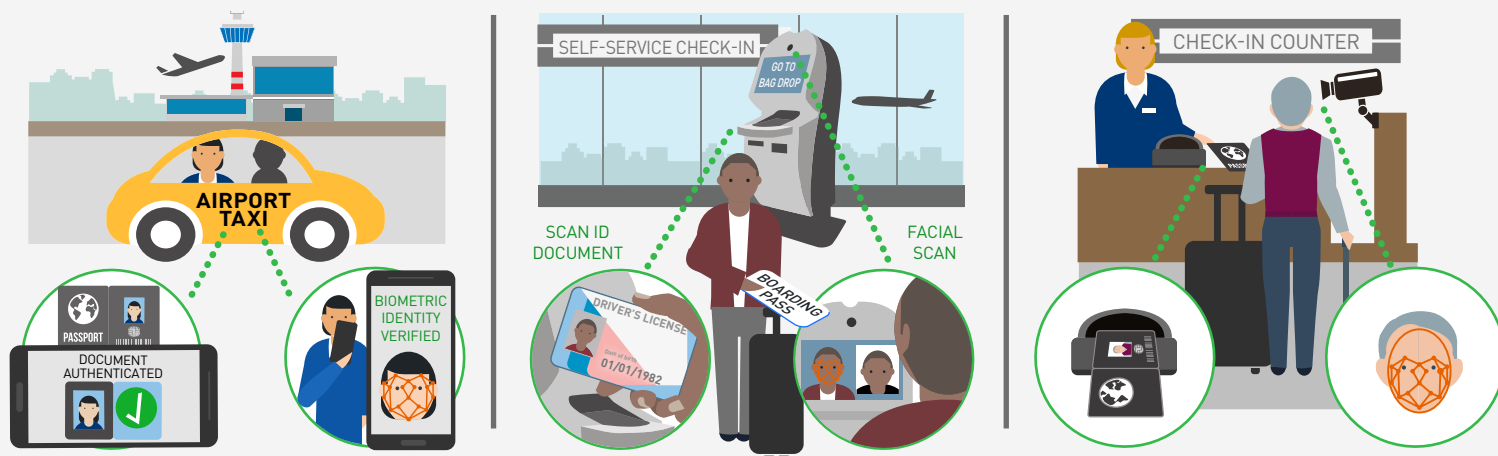


Biometrics improve the entire traveler's experience—from home to the final destination and back, by creating a trusted identity that accompanies the traveler throughout the journey

At check-in

From a mobile phone, kiosk or check-in counter, **document verification technology** performs a sophisticated analysis and verifies the ID document's authenticity within seconds, **removing the onus from employees to authenticate the document.**

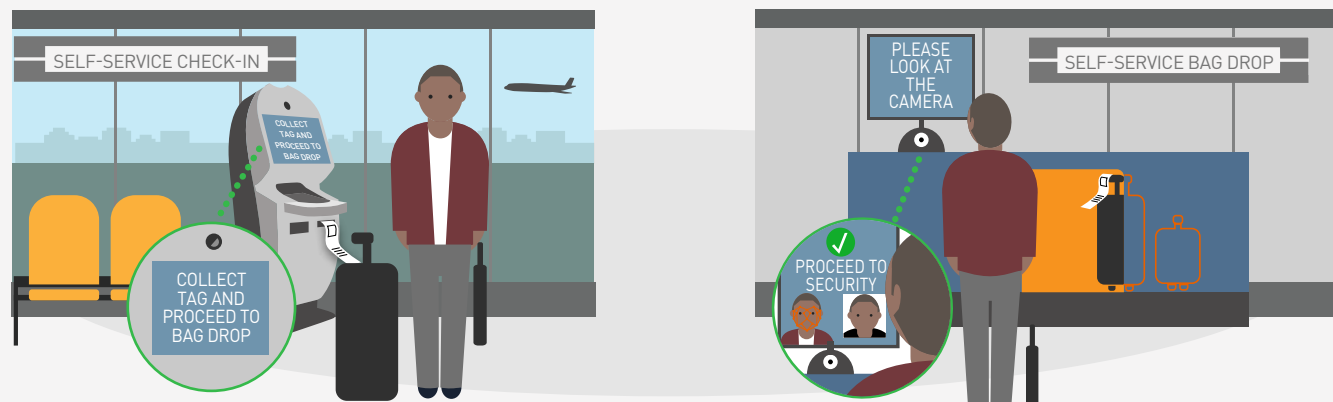
Biometric matching with live facial recognition (or another preferred modality) confirms the traveler is indeed the person the document was issued to.



Trusted identity is created: document is authentic + document belongs to the traveler

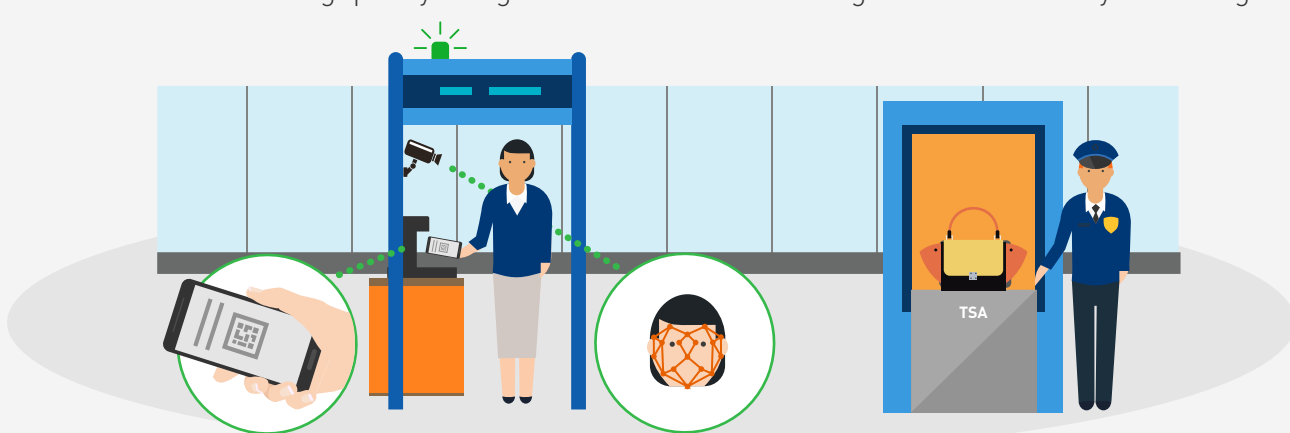
Self-service biometric bag drop

With biometric bag drop, checked bags can be securely linked to a traveler's trusted identity, **decreasing costs and check-in times.** Live facial recognition at the bag drop station confirms the checked in traveler is indeed the person dropping off the bags.



Border control and security screening

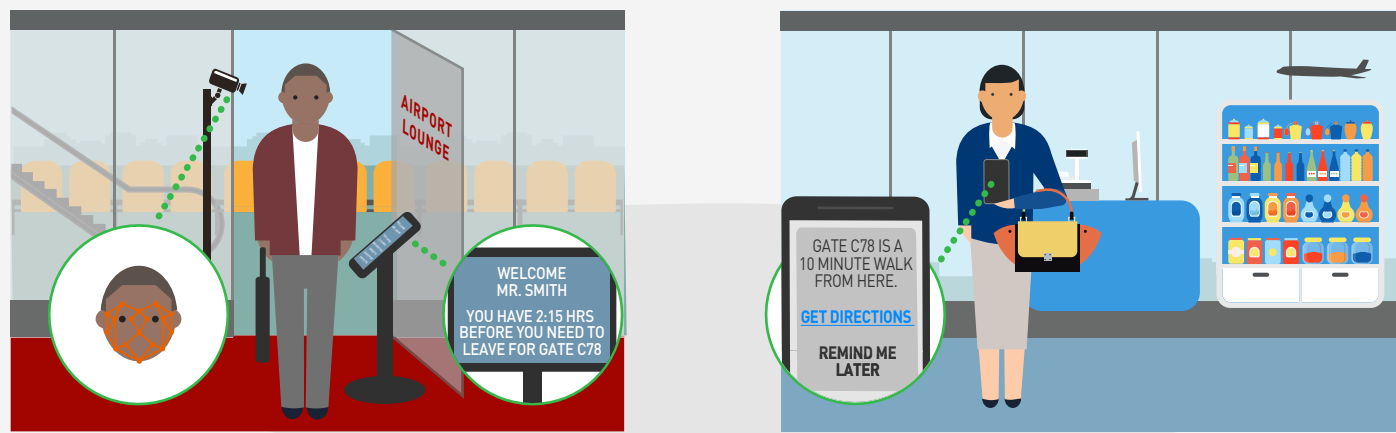
Increase automation and throughput by using trusted identities at immigration and security screening.



Airside

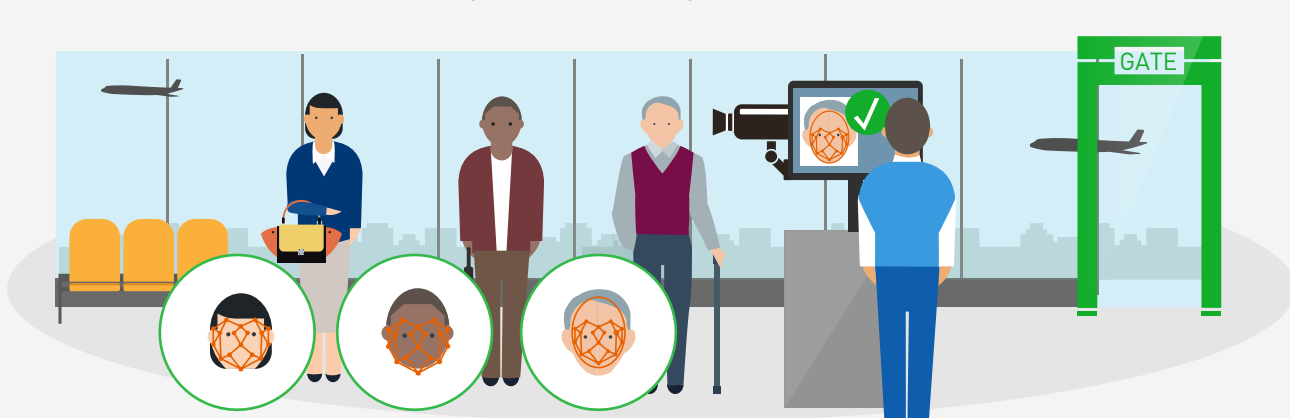
Elevate the traveler's experience by utilizing biometrics to verify trusted identities.

Provide highly personalized lounge access, perks and airport guidance and navigation.



At the gate

Improve security and efficiency at boarding, while satisfying CBP U.S. exit requirements for international flights.



On return to the US from international travel

Using trusted identities to go through immigration is faster and more efficient, while providing high levels of security assurance.



*Source IATA

Gemalto offers a full end-to-end border management solution encompassing multiple biometric modalities to increase the efficiency, security and safety of our air, land and sea borders.