

# BIOMETRIC SOLUTIONS FOR SEAMLESS TRAVEL

Fast, secure, document-free travel at every stage of the passenger journey



**Collins Aerospace**

# NO DOCUMENTS, NO QUEUES, NO HASSLES



## INCREASED CAPACITY AND REDUCED QUEUES

- Process more passengers at peak times
- Minimize – or eliminate -- queues for document checks



## OPERATING EFFICIENCIES AND COST SAVINGS

- Redeploy document-check staff
- Fewer agents needed at boarding



## ELIMINATION OF HUMAN ERROR IN SECURITY CHECKS

- Discrepancies automatically flagged
- Reduce misidentification risks and related fines



## IMPROVED PASSENGER EXPERIENCE

Passengers enjoy reduced queues, intuitive self-service, and less human interaction



## BETTER ON-TIME DEPARTURES

Faster boarding of aircraft improves on-time performance and limits delay-related fines



## INCREASED DWELL TIME AND RETAIL SPEND

Passengers have more time to explore revenue-generating areas of airport



# THE GLOBAL RISE OF BIOMETRICS

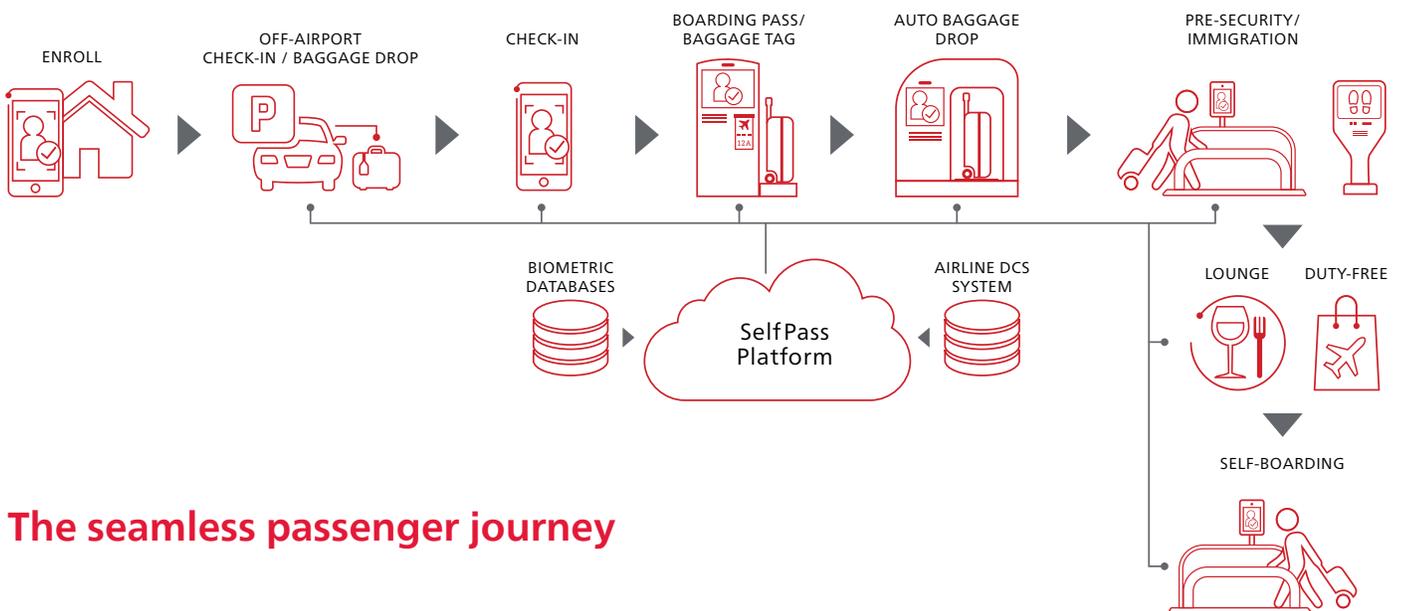
While Covid-19 had a crippling impact on the global aviation industry, it did little to slow down the adoption of biometrics as the next phase of a seamless, self-service airport experience. Organizations have increasingly turned to biometrics to balance security with convenience for identity verification and authentication.

But while a facial scan can now be used for everything from unlocking a smartphone to using an ATM, the complexities of the aviation industry and its different stakeholders mean industry experience is crucial to delivering a fully integrated, common-use solution that benefits airport, airlines and passengers alike.

## AN ADVANCED SOLUTION FOR A NEW ERA OF TRAVEL

Collins Aerospace takes that industry experience to new heights with the ARINC SelfPass™ identity management system – technology that allows travelers to move seamlessly through the airport using just a scan of their face. A secure link is established between passport, boarding pass and biometric identity that enables faster, self-service processing at each stage of the journey. Repetitive document checks are no longer required.

Passengers enroll at the first touchpoint of their journey – whether at a check-in desk, a kiosk or even at home – using a selfie. From here, a scan of the face can be used to drop bags, navigate security, access airline lounges and board flights. With an average recognition and matching time of under one second, queues at each touchpoint can be reduced – if not eliminated.



**The seamless passenger journey**



## Integrations are key to adding biometric value

Choosing an implementation partner with industry and integration expertise is vitally important when deploying biometric solutions across more than one touchpoint, airline or identity service provider. Collins Aerospace has the experience needed to help you widen the scope of biometrics and move from a single-point solution to a seamless end-to-end journey.

### **AIRPORT INFRASTRUCTURE**

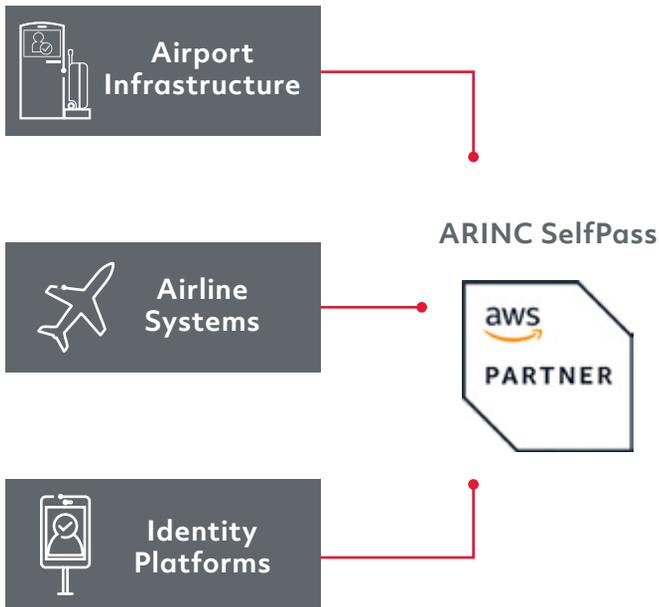
Biometrically enable either Collins Aerospace or third-party infrastructure – from kiosks and bag drops to security and boarding gates.

### **AIRLINE SYSTEMS**

Leverage existing Collins Aerospace integrations to airline systems all over the world to provide one-step, common-use biometric solutions.

### **IDENTITY PLATFORMS**

Integrate to either privately managed identity service providers or government services (e.g. CBP's Traveler Verification Service in the U.S.).



## AGILE, FLEXIBLE, CLOUD-BASED

Like other Collins Aerospace solutions for airports, SelfPass leverages Amazon Web Services (AWS), the world's leading cloud platform with the most extensive global cloud infrastructure, to deliver a scalable, cloud-based solution that reduces onsite infrastructure and support requirements while increasing agility, resiliency and sustainability.

## SECURE AND PRIVATE, WHETHER INTEGRATED WITH GOVERNMENT-MANAGED OR PRIVATE IDENTITY SERVICES

SelfPass is already in use at airports that are using facial recognition to support the U.S. Customs and Border Protection's biometric exit process. Once a traveller's image at the boarding gate is compared to an existing passport or visa photo and verified, the image is deleted. Airline systems can be updated at the same time to enable a fully self-service boarding process.

In countries or regions without a sovereign identity system, SelfPass integrates to a private identity service provider to offer travellers a secure biometric solution that they can choose to opt in or out of.

## KIOSK ENROLLMENT FOR AIRLINES WITHOUT BIOMETRIC APPLICATIONS

Many airlines are unable to use kiosks to biometrically enroll their passengers, because their common use applications do not yet support biometrics. ARINC SelfPass helps overcome this hurdle by providing a kiosk solution that enrolls passengers independently of the airline application, negating the need for costly and time-consuming development work and ensuring that biometrics can benefit everyone.

## MULTI-TOUCHPOINT, MULTI-AIRLINE, MULTI-JOURNEY TRAVEL MADE EASY

Collins Aerospace's industry experience is invaluable when it comes to biometrics. With solutions for the entire passenger journey, from check-in and bag drop to security and boarding, SelfPass can biometrically enable every airport touchpoint for seamless travel. Our existing integration to airline systems means all airlines can benefit from a common-use biometric solution. And our experience with both public and private identity service providers means SelfPass can be used by passengers flying to any destination, from any destination.

Biometric travel has come of age.

# 75%

of passengers want to use biometric data instead of passports and boarding passes<sup>1</sup>

<sup>1</sup> IATA, 2022 Global Passenger Survey

To learn more, go

→ [collinsaerospace.com/airports](https://collinsaerospace.com/airports)

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