

Streamline Passenger Boarding – Securely, Safely and Affordably!

NEC Mobile Boarding

At a Glance

- Streamlines passenger boarding process with biometrics.
- Securely and accurately verifies a passenger's identity with facial recognition using the #1 face recognition algorithm. *
- Coupled with NEC i:Delight, NEC Mobile Boarding integrates easily with airline's current passenger departure control systems via web services.
- Saves hardware and maintenance costs with iPhone interface.
- Customizable branding for airlines and airports.
- Compatible with multiple biometric providers, including CBP TVS and TSA traveler verification services as well as self-sovereign digital ID programs.

Overview

The passenger boarding process is often a chaotic, manual process that pulls an agent's attention in multiple directions – greeting passengers, scanning boarding passes and counting bags. All while maintaining focus on the validity of travelers' documentation and ownership, while visually confirming passengers' pictures.

Introducing the NEC Mobile Boarding application, the secure and automated passenger verification solution designed to streamline passenger boarding while maintaining the highest level of security and public safety. The new application gives agents fast and secure passenger verification in their hands while freeing up their time to address other passenger needs. This advanced solution integrates the powerful combination of our top-ranked biometric technology and continually refined algorithms to present quick and accurate verification of passengers – all from a mobile device.



NEC Mobile Boarding, coupled with the NEC i:Delight platform, integrates with the airline's departure control system (DCS) to verify and board the passenger, eliminating the need for manual verification of physical travel documents. The proven biometric-based boarding technology is accurate, secure and extensible to include available interfaces to CBP Traveler Verification Service, TSA Touchless Identity Solution and an airline offered self-sovereign digital ID solution enabling carriers options to provide additional biometric experiences to their passengers.

During the boarding process, passenger images are automatically verified against a predefined day of travel gallery for that specific flight. If the passenger is eligible for boarding, they are processed through the airline departure control system. Seat changes can be verified, and passengers boarded in less time than the current manual check and scan process.

The advanced NEC Mobile Boarding technology requires a smaller physical footprint than traditional biometric verification devices, needing only an easy to source and maintain iPhone or iPad for face capture and identification. The solution supports user interface customization allowing airlines and airports to promote their own branding or onboard airline partners within the same solution and device.

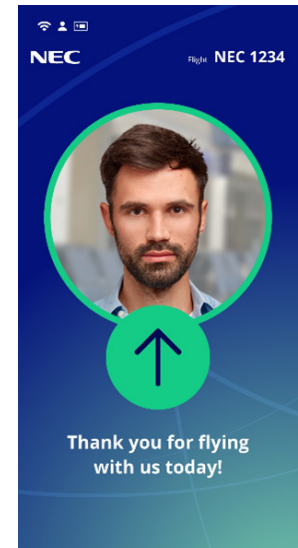
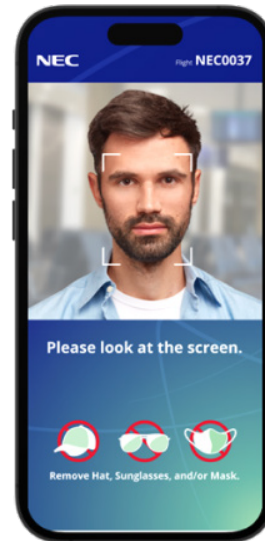
System Description

NEC Mobile Boarding offers a simple, frictionless biometric-based boarding solution which significantly reduces the time needed to board an aircraft, while providing operational efficiencies and premium customer experience, removing the burden of manual checks of physical documents while adding a layer of additional security only available through biometric verification.

The NEC solution automates the entire boarding process. Depending on the use case, passenger identity is verified against a predefined day of travel gallery compiled from passport photos or from images provided through passenger consent to share their trusted self-sovereign ID.

The secure and accurate identity verification process can identify and process the DCS boarding checks in less than two seconds on average, enabling gate agents to focus on other important passenger needs while expediting the boarding process.

Secure, accurate, expedited passenger verification and boarding enables more on-time departures and an improved customer experience. Just as important, automated biometric verification and boarding means safer, more hygienic travels by minimizing contact between travelers and agents.



NEC continues to set the standard for secure, rapid, and accurate identity verification solutions, delivering a highly secure, scalable, seamless experience.

To learn more about NEC Mobile Boarding, NEC I:Delight, Digital ID, aviation and frictionless traveler experiences, please visit www.necam.com/Aviation/.



***Ranked #1 since 2009 through 2024 in face recognition benchmark tests conducted by the U.S. National Institute of Standards and Technology (NIST).**

Source: NEC Face Recognition Technology Ranks First in NIST Accuracy Testing.

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