NEC MOBILE BOARDING

Streamline Passenger Boarding

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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. *
- 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 and self-sovereign digital ID programs.

Overview

The passenger boarding process is often chaotic and manual, pulling agents in multiple directions—greeting passengers, scanning passes, and counting bags—while ensuring document validity and visually confirming identities.

NEC Mobile Boarding is a secure, automated verification solution that streamlines boarding without compromising security or public safety. It gives agents fast, reliable verification on a mobile device, freeing time for other passenger needs. The solution combines top-ranked biometric technology with refined algorithms to deliver quick, accurate passenger verification.

NEC Mobile Boarding integrates with an airline's departure control system (DCS) to verify and board passengers, eliminating manual checks of physical travel documents. Its proven biometric boarding is accurate, secure, and extensible, including interfaces to self-sovereign digital ID solutions to enable additional biometric experiences.

During boarding, passenger images are automatically matched to a predefined travel-day gallery for the flight. Eligible passengers are processed through the DCS, seat changes can be verified, and boarding completes faster than current manual methods.

The technology requires a smaller footprint than traditional biometric devices, using only an easily sourced iPhone or iPad for face capture and identification. It supports UI customization so airlines and airports can promote their branding or onboard partners within the same solution and device.

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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's solution and services, please visit nec.com/aviation.

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