

CASE STUDY

Improving Crew Shuttle Attendance Management with Unitech PA768



Industry

Field Service

Application

Attendance Management in Aviation

Product

PA768

Case Description

For airline operations, accurately tracking whether crew members have boarded employee shuttle buses is essential for attendance management and transportation coordination. To reduce manual verification and improve attendance visibility, the organization required a reliable in-vehicle check-in solution.

The Unitech PA768 was installed on shuttle bus pillars using mobile device holders, allowing crew members to complete attendance check-in when boarding.

Challenge

Manual check-in processes and disconnected attendance records made it difficult to confirm crew boarding status and maintain accurate attendance and absence information. The organization needed a device that could support frequent NFC check-ins, remain securely installed inside moving vehicles, operate reliably under daily shuttle vibration, and transfer attendance data to the host system.

Solution / Reasons to Choose Unitech PA768

The organization selected the Unitech PA768 for its NFC capability, rugged construction with IP65 and IP68 protection, stable Wi-Fi connectivity, and compact design suitable for pillar-mounted installation.

When boarding the shuttle, crew members simply tap their employee ID cards on the PA768 via NFC. Attendance data is then transmitted via Wi-Fi to the in-vehicle system and forwarded to the host system for centralized attendance tracking and management. The pillar-mounted installation provides an accessible check-in point for crew members while keeping the device securely positioned inside the vehicle.

Benefits

- **Faster NFC Attendance Check-In:** Simplifies the boarding process and reduces manual verification.
- **Timely and Accurate Attendance Information:** Attendance data is captured at the time of boarding, helping management track crew boarding, attendance, and absence status more accurately.
- **Reliable In-Vehicle Operation:** IP65 and IP68 protection enhance durability against dust and water, while the rugged design supports stable, long-term use under daily vehicle vibration.
- **Centralized Data Management:** Enables attendance records to be centrally tracked and managed through the host system.



PA768