Innova Aviation Solutions

Accelerate digital transformation of airline processes for operational excellence

Mobile Cabin Assistant

Digitise all flight and cabin control operations

OCC Manager

Flight operations under control

Aircrew Duty Mobile

All the information of aircrew duty gets on mobile devices

Aircrew Check-in

No more delays in crew check-in processes

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innova.

Innova solutions can seamlessly tie together all the operations needed to run your fleets, allow data to flow freely and connect together vital systems that support rapid action and help decision making.

Innova Digital Aviation Solutions

Moving airline operations into a digital environment.

Thousands of airports and airline workers are all working hard to make flights safer, faster and more comfortable for passengers. This naturally involves processes that use and create vast amounts of data, many of which are related to critical operations and subject to sudden change.

Lately, airlines have been employing digital transformation solutions in order to strengthen communication between operation control centres, related units, and flight crews. Innova's Digital Aviation solutions facilitate completely paperless data lifecycle management, so that all team coordination takes place in a digital environment. This results in:

• reduced human error
• more efficient use of the workforce
• smoother running of operational tasks
• increased customer satisfaction
• reduced operational costs

What is Innova offering?

Innova's solutions support the aviation industry by enabling full integration between air and ground operations, and between systems used at airports and in back offices. Our systems allow airlines to make the most of the vast array of data available to the industry today, and to plan for the opportunities of tomorrow. Innova's flexible, strategic and phased approach is underpinned by careful cost-benefit analysis, and can deliver fully integrated platforms capable of managing all your data right now and as the industry evolves.

Mobile Cabin Assistant (MoCA)

No more paperwork: *MoCA digitises all flight and cabin control operations, allowing them to be handled on mobile devices.*

The digital transformation of the aviation industry continues unabated. Innova's Mobile Cabin Assistant (MoCA) solution makes it possible to move all the forms and reports that chief flight attendants previously prepared on paper onto mobile devices. MoCA thus streamlines vital operations, minimises errors and reduces costs. System provides an end-to-end solution on the path towards this digital transformation, taking care of all routine control operations performed by the chief flight attendant.

Digitised Aviation Operations:

- Reporting on cabin defects
- Reporting on cabin sanitation
- Monitoring water level operations
- Filling in personnel performance evaluation forms
- Setting up alerts and notifications
- Accessing user manuals
- Generating, viewing and tracking supply orders
- Viewing schedules and rotas
- Maintenance, repair and overhaul (MRO) software integration

How does the system make the chief flight attendant's life easier?

Chief flight attendants can now check a passenger's information with a few taps on a tablet instead of going through pages and pages of information. Instead of producing reams of notes in order to prepare flight briefings and flight reports, they can simply pull up all the relevant information on the screen. Tasks previously performed on paper, such as recording in-flight instructions and findings, logging flight details, and so on, can now be moved to the digital environment thanks to MoCA. All the necessary data synchronises automatically with a central server. With MoCA it becomes possible to view all digital documents, share them with other teams and create detailed reports. Digital Cabin Ground Portal, an integrated part of MoCA, incorporates a WYSWYG LOPA designer. LOPA (Layout of Passenger Accommodation) views and related information generated in the portal are synchronised to all user mobile devices. Also ATA definitions can be integrated with MRO systems (TRAX integration is already in-built) via the Digital Cabin Ground Portal.

MoCA Advantages

- ✈ End-to-end Integration
- ✈ Customizable Dynamic Forms
- ✈ Early Alarming of Ground Teams
- ✈ Easy Problem Detection
- ✈ Supports Offline Usage
- ✈ Eco Friendly Solution

Turkish Airlines chose Innova's MoCA

TURKISH AIRLINES

Turkish Airlines, flying to the most countries in the world and a member of the Star Alliance, has improved the efficiency of in-cabin operations and has taken service quality to the next level thanks to Innova's end-to-end Mobile Cabin Assistant (MoCA) Solution.

Airline OCC Manager

Innova's integrated and unified solution for supporting operations center running 24x7.

Operation control centres (OCCs) are responsible for carrying out all the operations of the airlines 7 days a week, 365 days a year. Many of OCC tasks involve handling several factors at the same time, and represent some of the most critical business processes for companies responsible for organising hundreds of flights a day.

Operations Control Centre Management by Innova

The OCC Manager system has been specially developed by Innova to help airlines with their operations control centre management, and thus enable them to handle constantly increasing numbers of flights, aircraft and destinations. OCC Manager offers the opportunity to monitor all flight operations from a single centre with an authorisation and reporting system that replaces email and all operational approval systems, thus streamlining the work of all business units. The system ensures that paper-based processes can be moved successfully to a digital environment and that notifications, requests and approval mechanisms can be managed centrally. It includes features such as handover management, approval processes and shift management.

6 Main Features

- ✈ Operation Handover Management
- ✈ Station / Unit Request Management
- ✈ Flight Log Management
- ✈ Route Planning
- ✈ Field Authorisation
- ✈ ACARS and Delay Station Integration

Offering a world-class management support system for the digitisation of all necessary operation control centre processes.

OCC Manager Advantages

- Streamlines all operation control centre processes.
- Improves coordination between different units
- Simplifies interventions in airport irregular operations (IROPS)
- Digitises all paper-based processes
- Facilitates the central management of shift processes
- Improves the centre's management and reporting capabilities.

Aircrew Duty Mobile

Aircrew Duty Mobile enables cabin crew to access all the flight information they need on their mobile devices.

Aircrew Duty Mobile offers a mobile platform bringing together pilots, flight attendants and other staff, and facilitating their access to all necessary details about their flights via a web portal or through their own mobile devices. The system greatly improves the flow of information among cabin crew, and helps to manage personnel operations with great accuracy.

Instant access to flight details: Designed to be completely accessible to the cockpit and cabin crew, the application facilitates easy search of personnel details, monthly schedules, certificate information, passport details, training information and medical data.

All current flight data on a single screen: Crew members can check their assigned flight duty, standby and activity notifications with Innova's Aircrew Duty Mobile application or through the Aircrew Duty Portal.

Flawless Integration: Aircrew Duty Mobile has been developed within a structure that integrates with the airlines' aircrew management system, aircrew programming system, aircrew portal, and SMS and LDAP IT infrastructure modules. Furthermore, the system is completely compatible with crew planning systems, such as Jeppesen Carmen Crew Management.

The application allows crew members to:

✈ view their personal details,

✈ check their flight duties,

✈ search past and future flight information,

✈ display flight notifications,

✈ be informed in the case of programme changes,

✈ check-in via the Aircrew Check-in application.

Advantages for the airlines:

✈ Facilitates digitisation of paper-based operations

✈ Instantly delivers up-to-date information to aircrew

✈ Expands aircrew management abilities

✈ Improves communication amongst the aircrew

Designed for airlines that wish to increase their crew's mobility and efficiency.
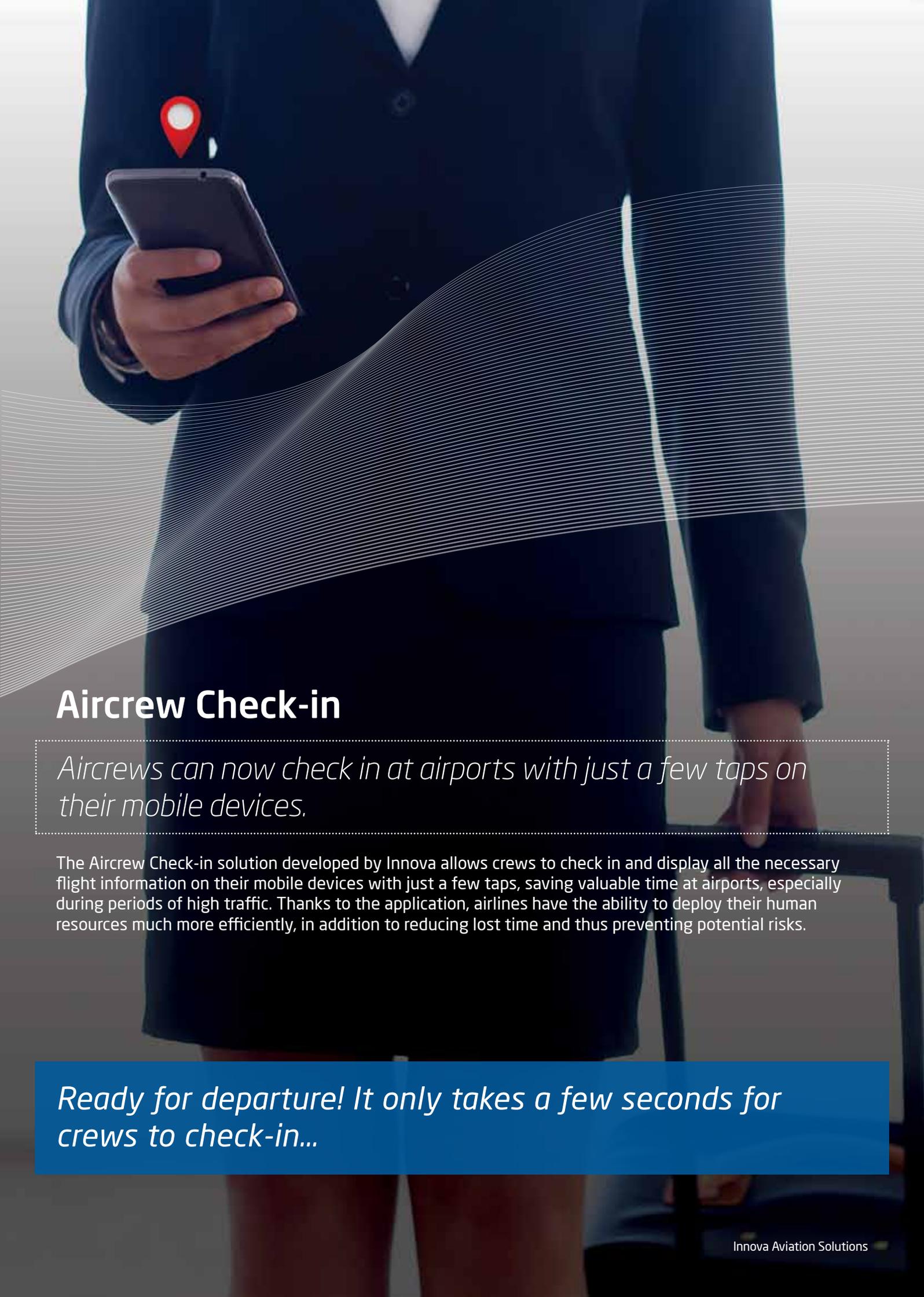
Aircrew Check-in

Aircrews can now check in at airports with just a few taps on their mobile devices.

The Aircrew Check-in solution developed by Innova allows crews to check in and display all the necessary flight information on their mobile devices with just a few taps, saving valuable time at airports, especially during periods of high traffic. Thanks to the application, airlines have the ability to deploy their human resources much more efficiently, in addition to reducing lost time and thus preventing potential risks.

Ready for departure! It only takes a few seconds for crews to check-in...

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