INNOV ATM

⚡ **AIRPORT**KEEPER®

Advanced ATC TWR

**Benefits of AirportKeeper®
Advanced ATC TWR**

- Shared consolidated data
- Mobility
- Real-time monitoring
- Post-ops analysis
- Instant messaging

Increase your airport capacity and predictability by optimizing relevant information sharing.

The future of the Air Travel Industry lays within the optimization of current processes and resources, through better communication and anticipation.

The Advanced ATC TWR concept is a scalable solution that enables all types of airports to improve throughput and predictability, and manage resource allocation efficiently by implementing 4 Airport Collaborative Decision Making (A-CDM) steps. This is done by sharing information between stake-holders and taking shared decisions to manage potential disruptions.

The tool enables airports to exchange Departure Planning Information (DPI) and Flight Update Messages (FUM) with Network Manager (NM) and Air Traffic Control (ATC) to increase accuracy of traffic predictions and ensure flight plans are updated promptly for all stakeholders to share the same truth.

The Advanced ATC TWR process enables all operators to avoid constraints such as Calculated Take Off Time (CTOT) updates after pushback and taxiing operations, or ground handlers waiting for delayed flights.

Benefit from the Collaborative Decision Making concept with the key steps from A-CDM.

Optimizing airport operations

INCREASE ACCURACY

All stakeholders share accurate flight consolidated data on a single platform using the milestone approach, enhanced with calculated Variable Taxi Time (VTT) and automatic Target Off Block Time (TOBT) advice based on inbound flight updates.

SAVE TIME

Integrated alerts, messaging boards and automatization allow users to share and find relevant information easily and on-the-go for efficient allocation or re-allocation of resources.

ANTICIPATE

Anticipate day operations with real-time updates of events and schedules communicated ahead of time, allowing for efficient planning.

IMPROVE PERFORMANCE

Optimize operations and time performance by taking informed decisions through performance monitoring with the KPI dashboard, reports and the post-ops analysis.

One single tool to provide relevant and guaranteed flight consolidated data and turnaround process to different users and stakeholders on-the-go.

ABOUT INNOV'ATM

Innov'ATM is an innovative technology company based in Toulouse, founded in 2014 and a subsidiary of Groupe ADP since 2018.

Counting on 30 highly skilled engineers and our ATI expertise we help Air Transport Operators with the most effective, efficient, sustainable, shared and agreed decision making technology solutions, through artificial intelligence and machine learning.

INNOV'ATM

sales@innov-atm.com

+33 5 36 47 78 87

www.innov-atm.com

INNOV ATM

AIRPORTKEEPER®

Full A-CDM

Optimize accuracy and predictability of airport operations for all stakeholders with collaborative decision making.

Benefits of AirportKeeper® Full A-CDM

- Shared consolidated data
- Mobility
- Real-time monitoring
- Post-ops analysis
- Instant messaging
- Optimize stand occupation
- Manage adverse conditions and delays proactively

Airports are busy places where different stakeholders have key roles and a common goal to manage safely and efficiently the flow of flights departing and arriving. However, airport infrastructures are not exploited in the most optimal manner and increasing traffic makes it difficult for operations to be proactive rather than reactive. This is due to the lack of good information sharing procedures, each of the stakeholders involved in operations has a piece of the information rather than the global picture.

With a 3 hour look-ahead, the collaborative decision making process enables all stakeholders to benefit from sharing the same information as early as possible in order to take informed decisions.

Milestones and relevant flight details are updated and shared in order to have accurate Off-Block Times (OBT) and Take-Off Times (TOT) for better situational awareness and expected traffic.

INCREASE EFFICIENCY

Displaying key milestones to clearly link the three phases - Inbound, Turnaround and Outbound to avoid information overload and tailored to the needs of each stakeholder for efficient time management.

ENHANCE PREDICTABILITY

Pre-departure Sequencing (PDS) with optional integration of DMAN and a coupled AMAN-DMAN for mixed mode runways, enabling reactive handling methods of flights by ATC on a "Best Planned Best Served" principle in order to improve push back sequence and reduce queuing aircraft at holding point.

IMPROVE PLANNING

Using Dynamic Variable Taxi Time (VTT) for improved Air Traffic Flow Management (ATFM), better Stand & Gate Planning and improved resource allocation.

INCREASE CAPACITY

Increase airport capacity during normal operations and adverse conditions with efficient information sharing, anticipation and planning. Our What-If engine enables probing and the evaluation of impacts on incoming traffic.

A single tool to share relevant and guaranteed flight consolidated data on-the-go and to make informed decisions as early as possible.

ABOUT INNOV'ATM

Innov'ATM is an innovative technology company based in Toulouse, founded in 2014 and a subsidiary of Groupe ADP since 2018.

Counting on 30 highly skilled engineers and our ATI expertise we help Air Transport Operators with the most effective, efficient, sustainable, shared and agreed decision making technology solutions, through artificial intelligence and machine learning.

INNOV ATM

sales@innov-atm.com

+33 5 36 47 78 87

www.innov-atm.com