

## What is Airport CDM?

Airport CDM is a concept which aims at optimising the utilisation of resources and improving Air Traffic Flow and Capacity Management (ATFCM) at airports. Therefore, the timely and gapless allocation of accurate and relevant information for every single stakeholder is needed in order to be able to make better and faster decisions.

The Airport CDM procedure with all its 16 milestones comprises the timeframe of hours before Estimated Off-Block Time (EOBT -3h) until takeoff.

It includes flight plan updates due to predictable amendments and their immediate propagation, giving all airport partners the possibility to promptly rearrange. A collaborative Pre-Departure Sequencing establishes a start-up sequence taking into account operator's preferences and operational capacity constraints.

Airport CDM at Stuttgart Airport is a common project of the airport operator Stuttgart Airport GmbH (FSG) and the German air navigation service provider DFS Deutsche Flugsicherung GmbH (DFS).

**Implementation is planned summer 2014.**

## What are the benefits of Airport CDM?

### **Airline Operators:**

- Better compliance to schedules
- Possibility to use preferences

### **Ground Handling:**

- Improved predictability of turn-round process
- Better use of scarce resource

### **Airport Operator:**

- Improved punctuality
- Improved gate and stand allocation

### **Air Traffic Control:**

- Optimized utilization of capacity on runway/taxiway
- Reduction of waiting times at runway holding position

### **CFMU:**

- Improved ATFM slot adherence
- Optimized utilization of air space capacity