



# TS-0308 — Flow based Integration of Arrival and Departure Management

*Integrated Arrival and Departure management aims at increasing throughput and predictability at an airport by improved co-ordination between En-Route/Approach and Tower controllers. Arrival and Departure flows to the same runway (or for dependent runways) are integrated by setting up fixed arrival-departure pattern for defined periods. The successive pattern might be chosen by the operators or provided by an optimization algorithm considering arrival and departure demand. Departure flow to the runway is managed by pre-departure sequencing (integrating route planning) while arrival flow to the runway is managed by arrival metering.*

**Rationale** By setting up the pattern based sequence for arrivals and departures overall delay will be reduced and predictability of TTOT and TLDT will be increased

**Forecast V3 end date** -

**Benefits start date (IOC)** 31-12-2021

**Full benefits date (FOC)** 31-12-2025

**Current Maturity Level** V3 finalised

**Solution Data Quality Index** -

**Current Maturity Phase** R&D

**Scope** Synchronised

**Release** R4

**PCP Status** -

## Context

### Related Elements





