



# Solution #54 — 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*

**Program** SESAR1

**Need for coordination** Network

**Related to** -

**Date V1 Gate** -

**Date V2 Gate** -

**Date V3 Gate** -

**Deployment Start Date** 31-12-2017

**Benefits Start Date (IOC)** 31-12-2021

**Full Benefit Date (FOC)** 31-12-2025

## Context

### Related Elements





