



AO-0801-B — Collaborative Airport Planning Interface (AOP fully integrated with NOP & local business rules)

Maintenance of the evolving content of the Airport Operations Plan (AOP) including:

- (1) the finalization of AOP-NOP information sharing that would ultimately lead the European standardization;
- (2) the procedures to support AOP-NOP collaborative process, including AOP-NOP information quality requirements;
- (3) the exchange of AOP-NOP information through SWIM, including cyber-security aspects;
- (4) the integration of local business rules of the airports if and where necessary taking into account the airlines business priorities (Airport Impact Assessment - AOP logic).

The main performance improvements brought about by the above features will be better demand predictability so that TTOT adherence is improved which will lead to limited capacity degradation both at the airport and in the network. Delay reduction (especially the reactionary delay resulting from limited capacity degradation) improves resilience in times of disruption and therefore faster recovery to normal operations.

Rationale Sharing of AOP with the Network is vital for having a complete picture of the expected time of traffic in the network. This include data to determine TOBT, TTA and the risk of changes to these time through use of UDPP in disruption and a measure of that disruption with the AIMA index. The operational issue is that for an efficient interface all nodes feeding into the NOP need a common data exchange in terms of parameters to be sent and data quality. The current limitation is that this is not understood and as a result data exchanged may not be reliable. In addition there is a need to ensure compatibility between Airport and NM Systems as well as improve the capability of those systems.

Forecast V3 end date 31-12-2022

Benefits start date (IOC) 31-12-2027

Full benefits date (FOC) 31-12-2031

Current Maturity Level V2 finalised

Solution Data Quality Index -

Current Maturity Phase R&D

Scope -

Release -

PCP Status -

Context

Related Elements



