iAOP to AOP transition

T-Systems Airport User Days & Conference | September, 7-8 2023

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Capila Gates

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Public 📞 🔼

Departures

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The world is a book, and those who do not travel read only one page.

– Augustinus Aurelius

EU CP1 Regulation

L 36/10

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Official Journal of the European Union

2.2.2021

COMMISSION IMPLEMENTING REGULATION (EU) 2021/116

of 1 February 2021

on the establishment of the Common Project One supporting the implementation of the European Air Traffic Management Master Plan provided for in Regulation (EC) No 550/2004 of the European Parliament and of the Council, amending Commission Implementing Regulation (EU) No 409/2013 and repealing Commission Implementing Regulation (EU) No 716/2014

(Text with EEA relevance)

PCPIR

THE EUROPEAN COMMISSION,

EN

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EC) No 550/2004 of the European Parliament and of the Council of 10 March 2004 on the provision of air navigation services in the single European sky (the service provision Regulation) (¹), and in particular Article 15a thereof,





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Identify the relevant information and sources

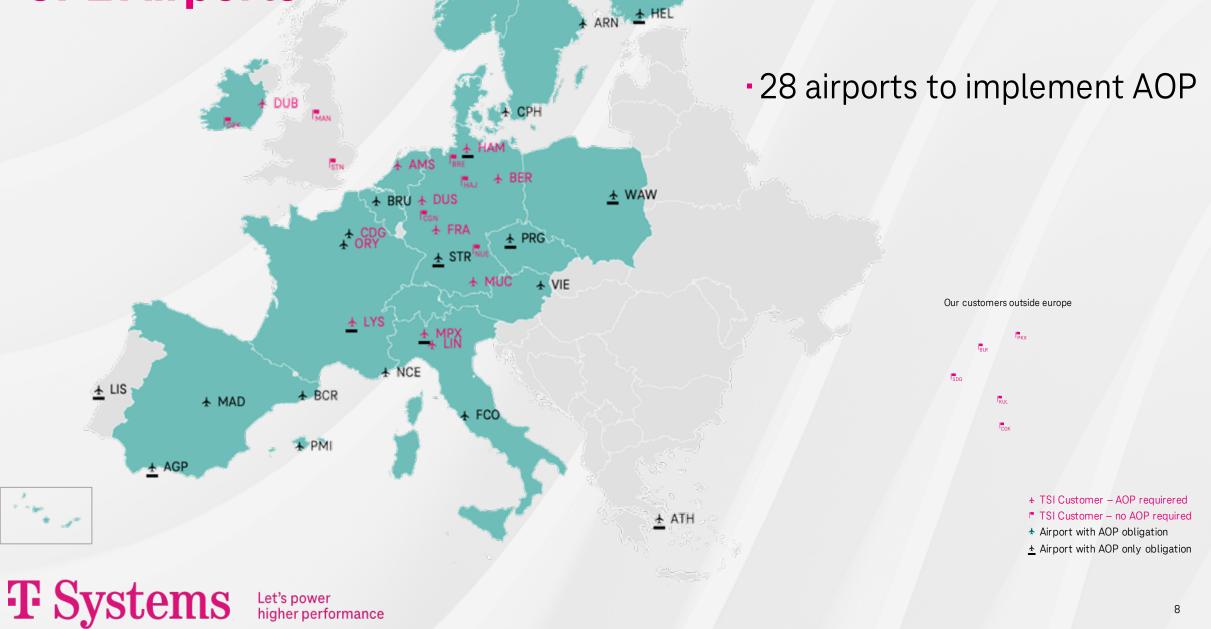
Agree on definition and calculation



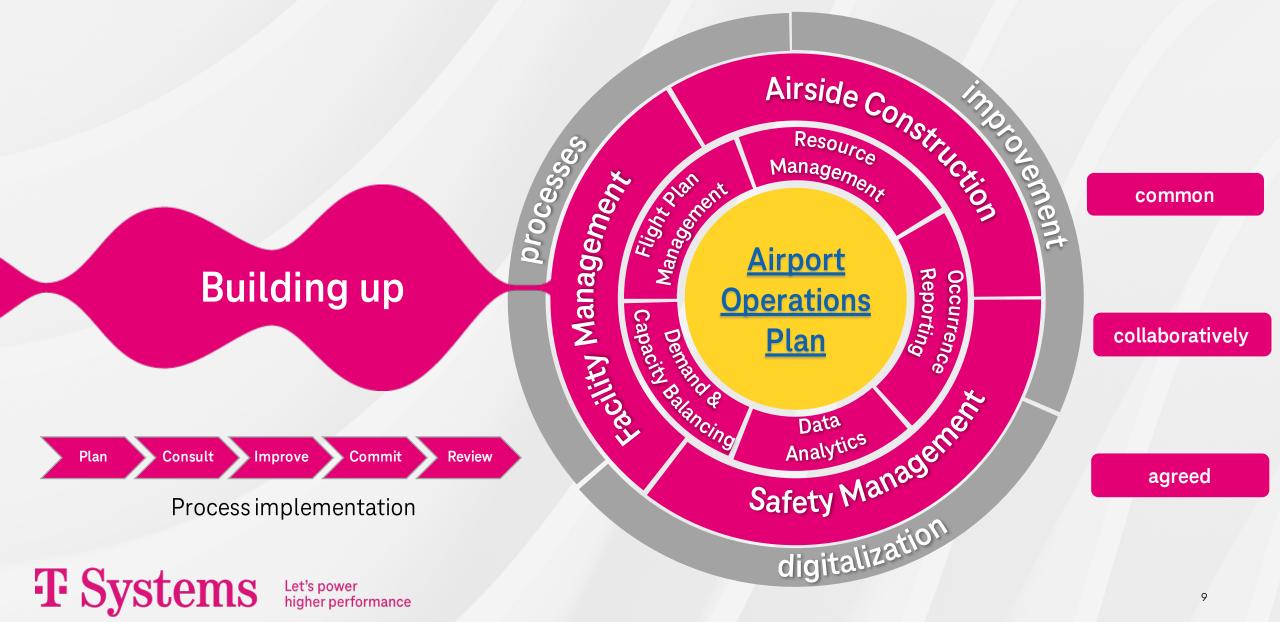
CP1 Regulation:

'airport operations plan' or 'AOP' means a single, common and collaboratively agreed rolling plan available to all relevant operational stakeholders which provides a common situational awareness for optimised processes;



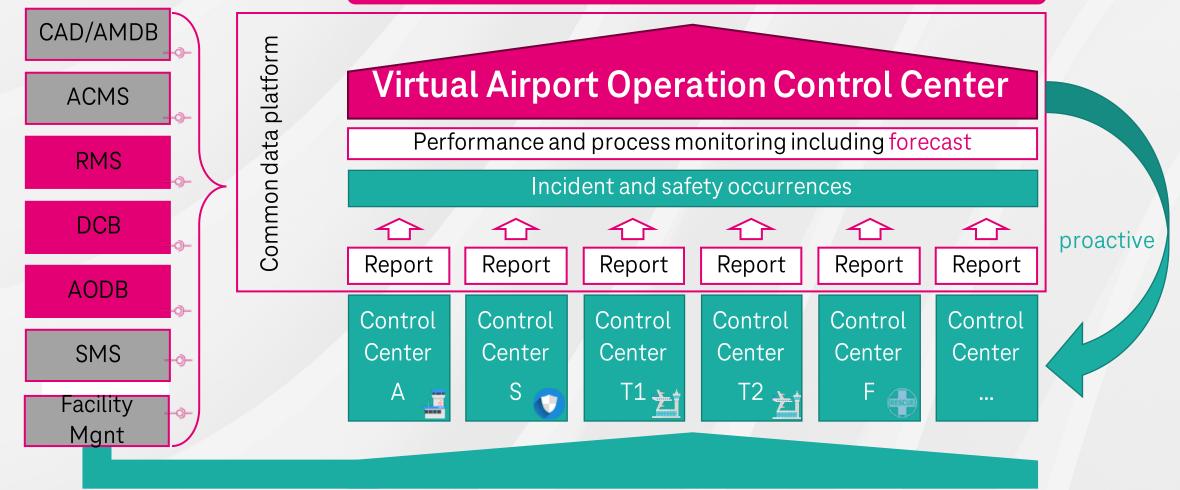


Collect and combine all information



Workflow across Control Centers and stakeholder

Airport Operations Plan



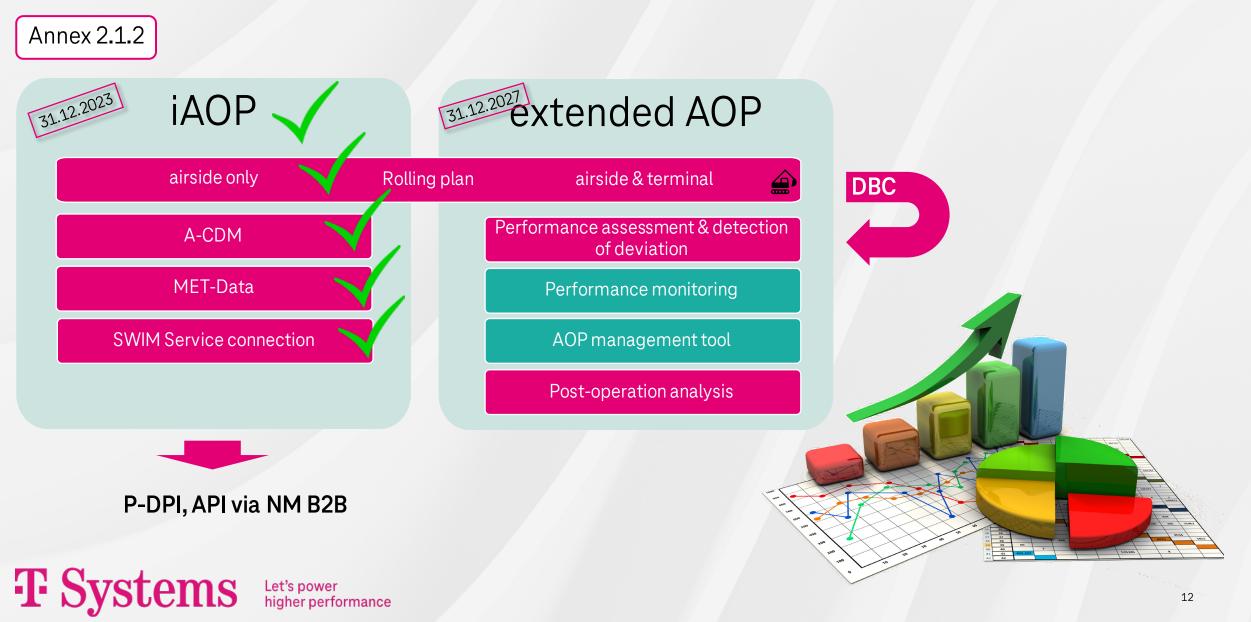
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Engage all necessary stakeholer in the collaboration



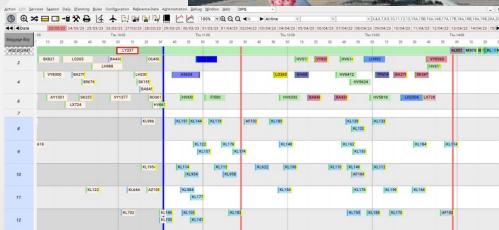
ATM Sub-Functionality on Airport Operations Plan

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Rolling plan (airside)

- Unkown content of rolling plan
- Reference is EUROCONTROL Concept on AOP
- Rolling plan from seasonal schedule
- Add additional information (what can be found today in the airport corner)
- Integrate terminal side
- Develop/Enhance the DCB







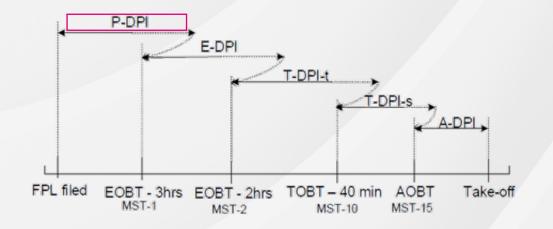
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Predicted DPI

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- Max. EOBT -20hrs
- ATC flight plan is known
- E-DPI not sent
- TURNAROUNDTTOT is mandatory (if present)

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Source:

AOS

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Arrival Planning Information



- New message type
- business logic implemented
- Requires data from ATC (i. e. arrivalProcedure, coordinationFix)

Sources:

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Attribute-name	G-API	TT-off API	TT-over API	Usage
aerodromeOfDeparture	М	М	М	Key
aerodromeOfDestination	M	М	М	Key
aircraftld	M	М	М	Key
estimatedOffBlockTime	M	М	М	Key
ifplld	HD	HD	HD	Key
arrivalProcedure	0	0	0	Upd
flightStatusInbound	M 2)	M 2)	M 2)	Upd
aircraftIATAId	M			Info
aircraftType	HD			Discr
airportSlotArrival	0			Info
arrivalApronStand	HD			Info
arrivalRunway	0			Info
arrivalTaxiTime	M			Info
arrivalTerminal	0			Upd
impactSeverityIndicator	0			Info
inBlockTime	HD			Info
landingTime	0			Upd
minimumTurnaroundTime	HD			Info
registrationMark	HD			Discr
scheduledInBlockTime	M			Info
coordinationFix		U=M, R=	U=M, R=	Upd
targetAPIUseCase		М	М	Upd
consolidatedTargetTimeOver		O, R= 1)		Upd
earliestTargetTimeOver		O, R= 1)		Upd
regulationId		U=M, R=		Upd
targetTimeOver			U=M, R=	Upd

Questions to airport community

Who defines the AOP content What is the plan of the Network Manager to implement the AOP

How can T-Systems contribute to the development What are the plans of DFS in Germany for the AOP implementation

What are the plans of ATC in other countries

Your contribution is highly welcome



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Thank you!

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