



ATM Data as a Service (ADaaS)

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ADaaS ATM system vision and benefits



- Common ATM system and geo-redundant Data Centers
- Shared infrastructure & applications (economies of scale – build once, deploy anywhere)
- Converging operational concepts => enabler for a future European ATCO license
- A foundation for “virtual center” and “capacity on-demand” operations as envisaged by the European Airspace Architecture Study
- Standardised interface part of the SWIM Registry (“Yellow” profile)



ATS Unit 1



ATS Unit 2



ATS Unit 3



ATM Data Service Provider (ADSP)
(geo-redundant data center)

*'OpenATM' interface
(SESAR SWIM compliant)*





ATM Data as a Service (ADaaS) – past and future



ADaaS 1 – ATM Data as a Service prototype developed by EUROCONTROL Maastricht UAC (MUAC) and Slovenia Control
Stepping stone for the future ADaaS concept

10 November 2021, new cooperation agreement between EUROCONTROL (MUAC) and Slovenia Control to implement the ATM Data as a Service (ADaaS) concept.

First ADSP/ATSU concept implementation in cooperation by MUAC and Slovenia Control



Developing the ADSP foundation

ADSP implementation

ADSP operations

2017

2021

2025

2027+



New MUAC fallback system based on Slovenia Control Flight Data Processing System (KAMI)

